

Converting Colors

XYZ(82.6367, 87.0024, 96.5609)

Have a look what the booklet for
XYZ(82.6367, 87.0024, 96.5609)
contains.

| | |
|--|----|
| XYZ(82.7837, 87.0817, 96.4497) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 12 |
| <i>Previews</i> | 23 |
| <i>Color Blindness Simulation</i> | 27 |
| <i>CSS Examples</i> | 30 |

Color

**XYZ(82.7837, 87.0817,
96.4497)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|---------------------------|
| Hex | EFF0F2 |
| RGB | 239, 240, 242 |
| RGB Percent | 94%, 94%, 95% |
| CMY | 0.0627, 0.0588, 0.0510 |
| CMYK | 0.01, 0.01, 0.00, 0.05 |
| HSL | 220°, 10%, 94% |
| HSV | 220°, 1%, 95% |
| XYZ | 82.7837, 87.0817, 96.4497 |
| YIQ | 239.9290, -1.2380, 0.4100 |

Conversions

Conversions Part 2

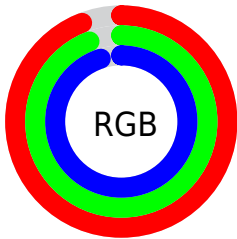
| Format | Color |
|-------------------------------------|------------------------------|
| R _Y B | 239, 240, 242 |
| Decimal | 15724786 |
| CIE Lab | 94.77, 0.03, -1.09 |
| CIE LCh | 95, 1.090, 271.532 |
| Yxy | 87.0817, 0.3108, 0.3270 |
| Android (android.graphics.Color) | 4293914866 (0xFFEFF0F2) |
| YUV | 239.9290, 1.0210, -0.8147 |
| Hunter-Lab | 93.3176, -4.9552, 4.0423 |

Details

The XYZ color **82.7837, 87.0817, 96.4497** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **83.6534, 88.0188, 94.2429**, and the grayscale version is **82.7640, 87.0742, 94.8238**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.5319, 47.8934, 53.2989** is the 20% darker color. If you saturate the color by 10%, you get **70.6234, 74.0881, 94.5839**, and if you desaturate by 10%, it is **93.0273, 99.1909, 98.2484**.

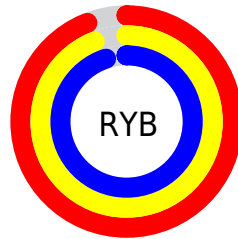
Distribution



Red (94%)

Green (94%)

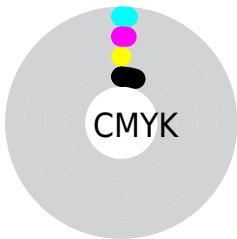
Blue (95%)



Red (94%)

Yellow (94%)

Blue (95%)

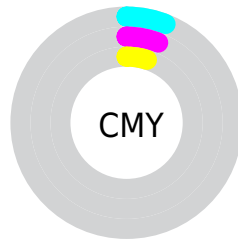


Cyan (1%)

Magenta (1%)

Yellow (0%)

Black (5%)



Cyan (6%)

Magenta (6%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 82.7837, 87.0817, 96.4497 changes by changing the brightness by 10 percent. The first figure shows a shift by +10% for each color and the second figure -10%.

Similar to the brightness gradients but the following saturation gradients show a change of the XYZ color 82.7837, 87.0817, 96.4497 by changing the saturation by 10% instead.

82.7837, 87.0817,
96.4497

82.7837, 87.0817,
96.4497

492.8602,
518.4913, 569.8982

62.3280, 65.5628,
72.7386

136.2026,
143.2780, 158.2787

45.5544, 47.9176,
53.2717

169.8965,
178.7242, 197.2336

32.0975, 33.7616,
37.6305

208.7339,
219.5817, 242.1070

21.5919, 22.7105,
25.3965

253.0801,
266.2348, 293.3172

13.6722, 14.3799,
16.1510

303.3005,
319.0679, 351.2829

7.9732, 8.3854,
9.4755

359.7604,

4.1295, 4.3425,

378.4654, 416.4226

4.9516

422.8252,
444.8117, 489.1549

■ 1.7756, 1.8669,
2.1607

■ 0.5029, 0.5284,
0.6515

■ 82.7837, 87.0817,
96.4497

■ 82.7837, 87.0817,
96.4497

■ 70.6234, 74.0881,
94.5839

■ 93.0273, 99.1909,
98.2484

■ 59.9211, 62.4518,
92.9020

■ 50.6219, 52.1303,
91.3998

■ 42.6645, 43.0743,
90.0712

■ 35.9831, 35.2315,
88.9096

■ 30.5056, 28.5454,
87.9077

■ 26.1524, 22.9544,
87.0580

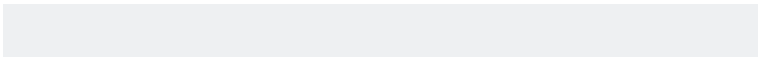
■ 22.8333, 18.3902,
86.3519

■ 20.4418, 14.7746,
85.7801

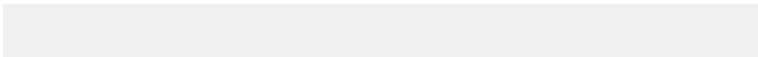
Harmonies

Analogous

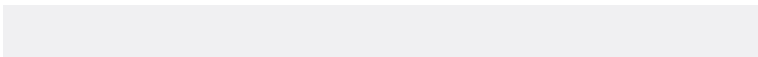
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



82.4986, 87.0817, 96.2518



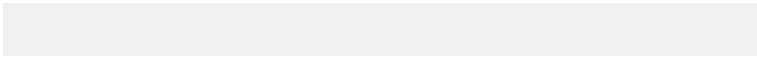
82.7837, 87.0817, 96.4497



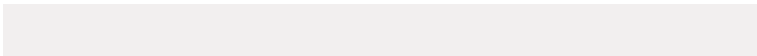
83.0654, 87.0817, 96.2080

Triad

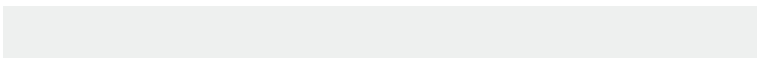
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



82.7837, 87.0817, 96.4497



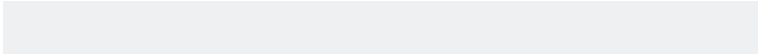
83.2528, 87.0817, 93.9705



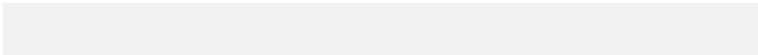
82.2711, 87.0817, 94.0452

Complementary

The Complementary color scheme is a pair of colors which are on the opposite of each other on the color wheel.



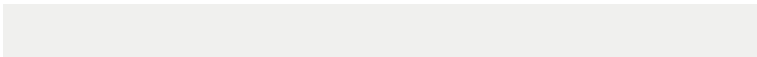
82.7837, 87.0817, 96.4497



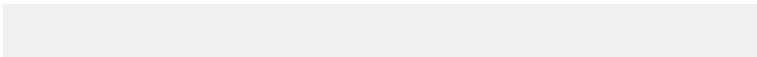
83.6534, 88.0188, 94.2429

Split Complementary

Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



82.4724, 87.0817, 93.4398



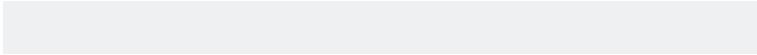
82.7837, 87.0817, 96.4497



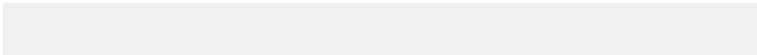
83.0391, 87.0817, 93.3968

Square

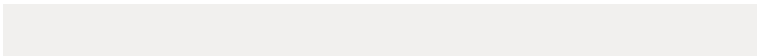
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



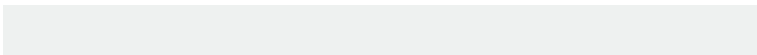
82.7837, 87.0817, 96.4497



83.3366, 87.0817, 94.7738



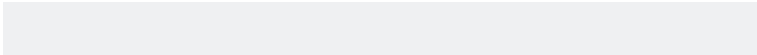
82.7534, 87.0817, 93.2032



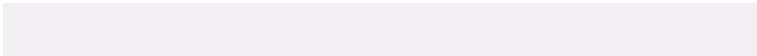
82.2030, 87.0817, 94.8606

Rectangle

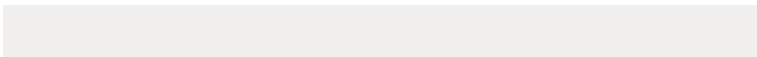
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



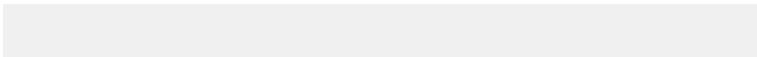
82.7837, 87.0817, 96.4497



83.2133, 87.0817, 95.8309



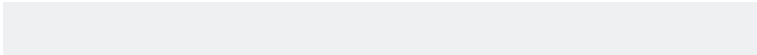
82.7534, 87.0817, 93.2032



82.3254, 87.0817, 93.8106

Sweetspot

The Sweet Spot groups the original color and five complimentary colors.



82.7862, 87.0854, 96.4516

95.0500, 100.0000, 108.9000



83.2197, 88.2043, 95.8202



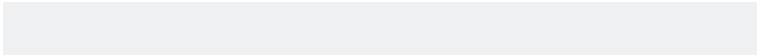
20.3446, 21.4041, 23.3091



0.0000, 0.0000, 0.0000

Same Dimension

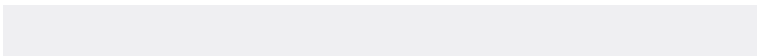
The Same Dimension uses a secret algorithm to generate beautiful new colors.



82.7862, 87.0854, 96.4516



93.5792, 98.4419, 108.6768



82.6435, 86.5743, 96.3605



17.5442, 18.4559, 20.3593



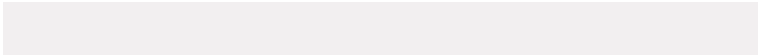
10.3026, 6.8294, 45.9031



0.9453, 0.7447, 3.8481

Inverse Universe

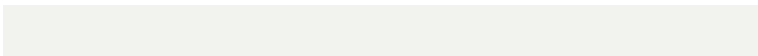
The Inverse Universe completely reimagines the original color for something new.



83.2145, 86.9031, 94.8306



93.9699, 98.2750, 107.1984



83.7971, 88.5354, 94.3351



17.6133, 18.4264, 20.0977



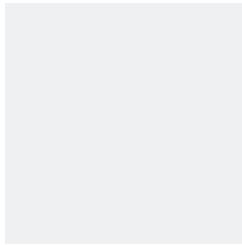
20.5259, 10.4828, 5.4198



1.7521, 0.8899, 0.6855

Previews

White Background



This preview shows how the XYZ color 82.7837, 87.0817, 96.4497 looks on a white background.

Color Contrast Check

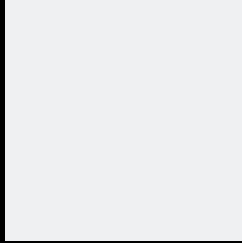
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the XYZ color 82.7837, 87.0817, 96.4497 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

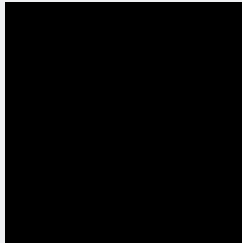
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

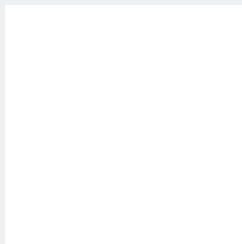
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 82.7837, 87.0817, 96.4497

Background



This preview shows how black text looks on a background with the XYZ color 82.7837, 87.0817, 96.4497.



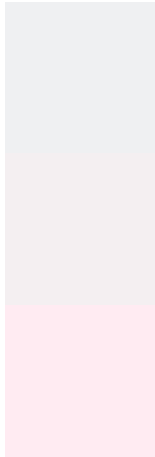
This preview shows how white text looks on a background with the XYZ color 82.7837, 87.0817,

96.4497.

Color Blindness Simulation

Color vision deficiency is a very complex topic, and I could not describe the different causes any better than Wikipedia does, so if you want to learn more, you should check out their [article about color blindness](#).

Dichromacy



Original Color

82.7837, 87.0817, 96.4497

Protanopia

84.0519, 87.3170, 95.6429

Deuteranopia

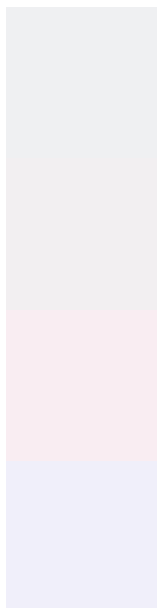
86.9753, 87.0875, 96.2299



Tritanopia

84.9002, 87.0698, 106.9392

Trichromacy



Original Color

82.7837, 87.0817, 96.4497

Protanomaly

83.3616, 86.9611, 95.6106

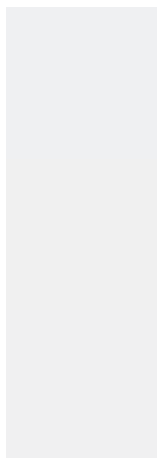
Deuteranomaly

85.3781, 87.1189, 96.3201

Tritanomaly

84.0570, 87.1604, 102.8358

Monochromacy



Original Color

82.7837, 87.0817, 96.4497

Achromatopsia

82.8234, 87.1367, 94.8919

Achromatomaly

82.9725, 87.1963, 95.6765

CSS Examples

Text

The CSS property to change the color of the text to XYZ 82.7837, 87.0817, 96.4497 is called "color". The color property can be set on classes, ids or directly on the HTML element.

This example shows how text in the color rgb(239, 240, 242) looks like.

```
.text, #text, p{  
    color:rgb(239, 240, 242)  
}
```

If you want to add a text shadow in that color use the text-shadow property, you can generate a text shadow directly with our [CSS Text Shadow Generator](#).

Here you see how black text with a 4 pixel rgb(239, 240, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 240, 242) }
```

Border

The CSS property to change the border of an element to XYZ 82.7837, 87.0817, 96.4497 is called "border". The border property can be set on classes, ids or directly on the HTML element.

This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(239, 240, 242) }
```

If only the border color should be changed use the property `border-color`.

```
.border{ border-color:rgb(239, 240, 242) }
```

If you want to add a box shadow in that color use:

Here you see how a box with a 4 pixel `rgb(239, 240, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 240, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 240, 242);  
box-shadow:4px 4px 4px 4px rgb(239, 240,  
242) }
```


Background

The CSS property to change the background color of an element to XYZ 82.7837, 87.0817, 96.4497 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 240, 242) }
```

If only the background color should be changed can be used:

```
.background{ background-color: rgb(239,  
240, 242) }
```

This example shows the color as background, it is applied via the CSS property "background".

To optimize and compress your CSS code, you can use our [online CSS compressor and optimizer](#) based on csstidy. If you want to create a linear or radial gradient as background or border, check our [CSS Gradient Generator](#).

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