

Converting Colors

XYZ(82.5512, 86.8665, 94.0800)

Have a look what the booklet for
XYZ(82.5512, 86.8665, 94.0800)
contains.

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Color

**XYZ(82.6753, 87.0774,
94.1115)**

Conversions

Conversions Part 1

Format	Color
Hex	F0F0EF
RGB	240, 240, 239
RGB Percent	94%, 94%, 94%
CMY	0.0588, 0.0588, 0.0627
CMYK	0.00, 0.00, 0.00, 0.06
HSL	60°, 3%, 94%
HSV	60°, 0%, 94%
XYZ	82.6753, 87.0774, 94.1115
YIQ	239.8860, 0.3210, -0.3110

Conversions

Conversions Part 2

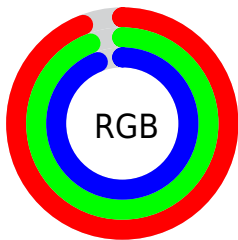
Format	Color
R _Y B	239, 240, 239
Decimal	15790319
CIE Lab	94.77, -0.17, 0.47
CIE LCh	95, 0.502, 109.975
Yxy	87.0774, 0.3133, 0.3300
Android (android.graphics.Color)	4293980399 (0xFF0F0EF)
YUV	239.8860, -0.4368, 0.1000
Hunter-Lab	93.3153, -5.1546, 5.5248

Details

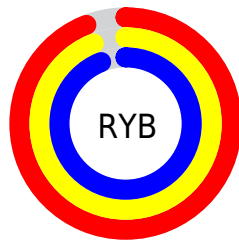
The XYZ color **82.6753, 87.0774, 94.1115** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **82.1944, 86.3772, 94.7828**, and the grayscale version is **82.7405, 87.0495, 94.7969**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.4549, 47.8902, 51.6478** is the 20% darker color. If you saturate the color by 10%, you get **79.3327, 85.7396, 76.6588**, and if you desaturate by 10%, it is **85.1782, 88.0849, 107.1204**.

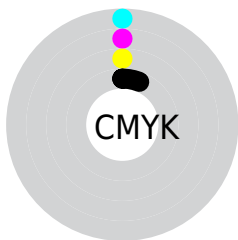
Distribution



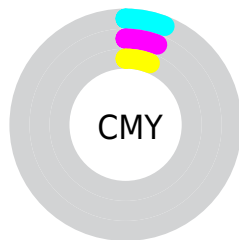
- Red (94%)
- Green (94%)
- Blue (94%)



- Red (94%)
- Yellow (94%)
- Blue (94%)



- Cyan (0%)
- Magenta (0%)
- Yellow (0%)
- Black (6%)



- Cyan (6%)
- Magenta (6%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 82.6753, 87.0774, 94.1115 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 82.6753, 87.0774, 94.1115 by changing the saturation by 10% instead.

82.6753, 87.0774,
94.1115

82.6753, 87.0774,
94.1115

492.5041,
518.4772, 562.2281

62.2383, 65.5593,
70.8029

136.0515,
143.2720, 155.0215

45.4816, 47.9147,
51.7005

169.7214,
178.7173, 193.4600

32.0398, 33.7593,
36.3858

208.5330,
219.5737, 237.7789

21.5476, 22.7088,
24.4403

252.8517,
266.2257, 288.3968

13.6396, 14.3786,
15.4453

303.0428,
319.0577, 345.7321

7.9505, 8.3845,
8.9824

359.4717,

4.1148, 4.3419,

378.4540, 410.2034

4.6331

422.5036,
444.7990, 482.2292

■ 1.7673, 1.8666,
1.9787

■ 0.4978, 0.5282,
0.5421

■ 82.6753, 87.0774,
94.1115

■ 82.6753, 87.0774,
94.1115

■ 79.3327, 85.7396,
76.6588

■ 85.1782, 88.0849,
107.1204

■ 76.4402, 84.5790,
61.5871


■ 85.2089, 88.1007,
107.1219


■ 73.9806, 83.5917,
48.7948


■ 85.2396, 88.1165,
107.1233


■ 71.9328, 82.7690,
38.1711


■ 85.2704, 88.1324,
107.1248


 70.2740, 82.1019,
29.5958


 85.3011, 88.1482,
107.1262


 68.9792, 81.5805,
22.9371

 85.3319, 88.1641,
107.1276


 68.0204, 81.1934,
18.0477

 85.3627, 88.1800,
107.1291

 67.3656, 80.9280,
14.7591

 85.3935, 88.1958,
107.1305

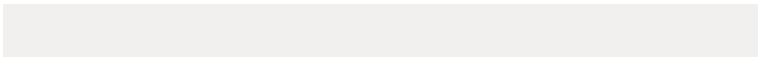
 66.9766, 80.7689,
12.8703

 85.4243, 88.2117,
107.1320

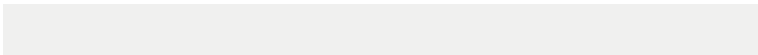
Harmonies

Analogous

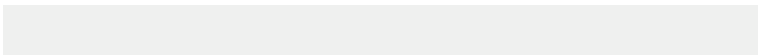
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



82.8099, 87.0774, 94.0781



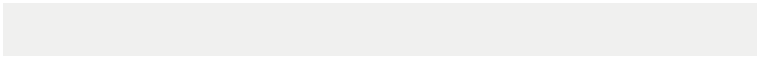
82.6753, 87.0774, 94.1115



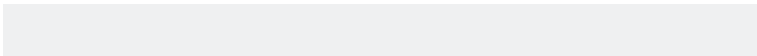
82.5647, 87.0774, 94.3324

Triad

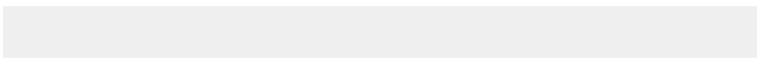
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



82.6753, 87.0774, 94.1115



82.5967, 87.0774, 95.3862



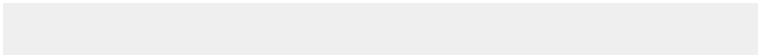
83.0218, 87.0774, 94.9427

Complementary

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



82.6753, 87.0774, 94.1115



82.1944, 86.3772, 94.7828

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.



82.9645, 87.0774, 95.2942



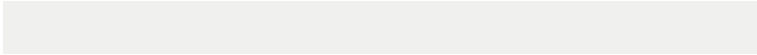
82.6753, 87.0774, 94.1115



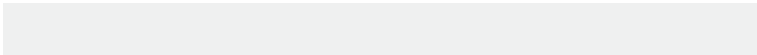
82.7190, 87.0774, 95.5507

Square

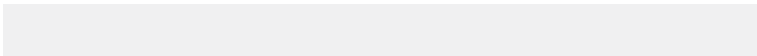
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



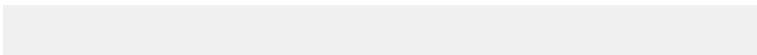
82.6753, 87.0774, 94.1115



82.5193, 87.0774, 95.0681



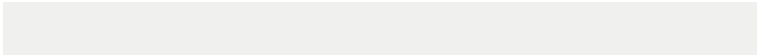
82.8537, 87.0774, 95.5169



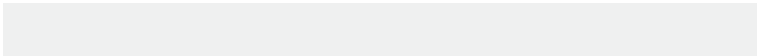
83.0101, 87.0774, 94.5573

Rectangle

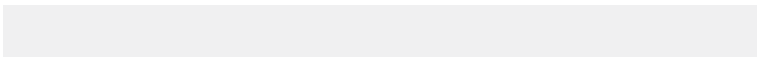
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



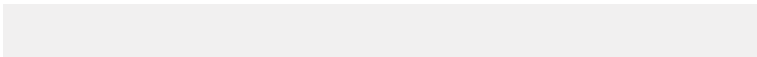
82.6753, 87.0774, 94.1115



82.5194, 87.0774, 94.5567



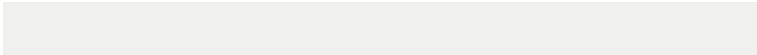
82.8537, 87.0774, 95.5169



83.0100, 87.0774, 95.0687

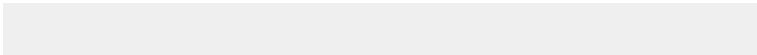
Sweetspot

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



82.6778, 87.0811, 94.1134

95.0500, 100.0000, 108.9000



82.3843, 86.4923, 94.0152



20.3446, 21.4041, 23.3091



0.0000, 0.0000, 0.0000

Same Dimension

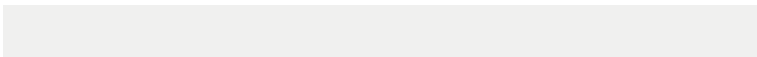
The Same Dimension uses a secret algorithm to generate beautiful new colors.



82.6778, 87.0811, 94.1134



94.6386, 99.8350, 106.7519



82.5089, 86.9941, 94.1055



17.7316, 18.7025, 20.0186



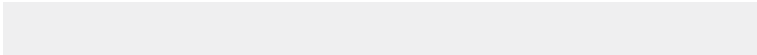
36.5642, 44.1711, 6.5987



3.0437, 3.6756, 0.5490

Inverse Universe

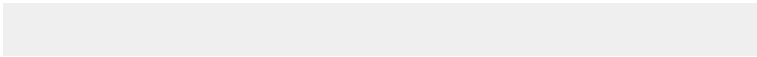
The Inverse Universe completely reimagines the original color for something new.



82.1944, 86.3772, 94.7828



93.3134, 97.9051, 108.5872



82.3629, 86.4641, 94.7907



17.4971, 18.3609, 20.3434



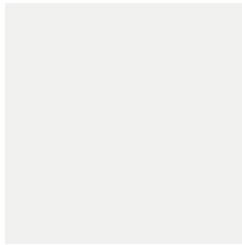
8.6185, 3.4484, 45.3392



0.7189, 0.2879, 3.7719

Previews

White Background



This preview shows how the XYZ color 82.6753, 87.0774, 94.1115 looks on a white background.

Color Contrast Check

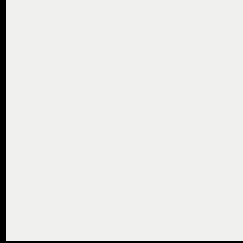
Large Text (above 18pt) WCAG AA × Fail

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 82.6753, 87.0774, 94.1115 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

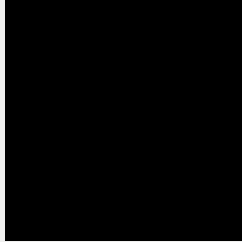
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

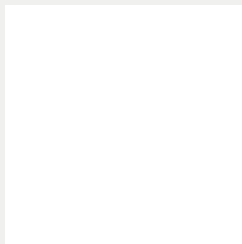
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 82.6753, 87.0774, 94.1115

Background



This preview shows how black text looks on a background with the XYZ color 82.6753, 87.0774, 94.1115.



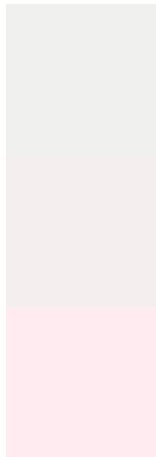
This preview shows how white text looks on a background with the XYZ color 82.6753, 87.0774,

94.1 15.

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

82.6753, 87.0774, 94.1115

Protanopia

83.6073, 87.1391, 93.3019

Deuteranopia

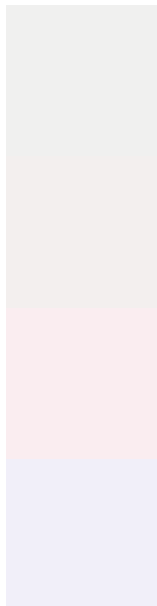
86.6765, 86.9679, 94.6562



Tritanopia

85.2425, 87.2463, 106.9552

Trichromacy



Original Color

82.6753, 87.0774, 94.1115

Protanomaly

83.2613, 86.9607, 93.2857

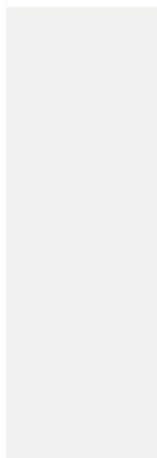
Deuteranomaly

85.4367, 87.1836, 94.7632

Tritanomaly

84.2410, 87.2733, 102.0280

Monochromacy



Original Color

82.6753, 87.0774, 94.1115

Achromatopsia

82.8234, 87.1367, 94.8919

Achromatomaly

82.8234, 87.1367, 94.8919

CSS Examples

Text

The CSS property to change the color of the text to XYZ 82.6753, 87.0774, 94.1115 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(240, 240, 239) looks like.

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

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(240, 240, 239) colored shadow looks like.

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

Border

The CSS property to change the border of an element to XYZ 82.6753, 87.0774, 94.1115 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(240, 240, 239) }
```

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

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

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

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

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


Background

The CSS property to change the background color of an element to XYZ 82.6753, 87.0774, 94.1115 is called "background". The background property can be set on classes, ids or directly on the HTML element.

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

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

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

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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