

Converting Colors

XYZ(82.7645, 87.1933, 92.8361)

Have a look what the booklet for
XYZ(82.7645, 87.1933, 92.8361)
contains.

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Color

**XYZ(82.7218, 87.1354,
92.5797)**

Conversions

Conversions Part 1

Format	Color
Hex	F1F0ED
RGB	241, 240, 237
RGB Percent	95%, 94%, 93%
CMY	0.0549, 0.0588, 0.0706
CMYK	0.00, 0.00, 0.02, 0.05
HSL	45°, 13%, 94%
HSV	45°, 2%, 95%
XYZ	82.7218, 87.1354, 92.5797
YIQ	239.9570, 1.5590, -0.7210

Conversions

Conversions Part 2

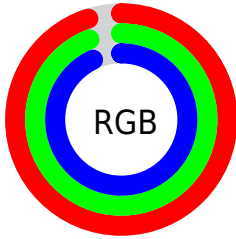
Format	Color
R _Y B	238, 241, 237
Decimal	15855853
CIE Lab	94.80, -0.19, 1.55
CIE LCh	95, 1.565, 96.901
Yxy	87.1354, 0.3152, 0.3320
Android (android.graphics.Color)	4294045933 (0xFFFF1F0ED)
YUV	239.9570, -1.4578, 0.9147
Hunter-Lab	93.3463, -5.1727, 6.5394

Details

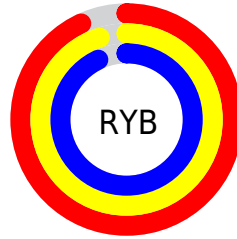
The XYZ color **82.7218, 87.1354, 92.5797** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **81.3768, 85.5034, 95.4351**, and the grayscale version is **82.8032, 87.1154, 94.8686**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.4886, 47.9315, 50.5703** is the 20% darker color. If you saturate the color by 10%, you get **77.6985, 82.3494, 74.6852**, and if you desaturate by 10%, it is **87.2835, 91.8358, 107.7335**.

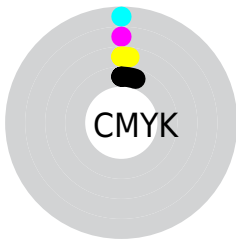
Distribution



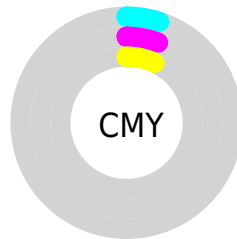
- Red (95%)
- Green (94%)
- Blue (93%)



- Red (93%)
- Yellow (95%)
- Blue (93%)



- Cyan (0%)
- Magenta (0%)
- Yellow (2%)
- Black (5%)



- Cyan (5%)
- Magenta (6%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 82.7218, 87.1354, 92.5797 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 82.7218, 87.1354, 92.5797 by changing the saturation by 10% instead.

82.7218, 87.1354,
92.5797

82.7218, 87.1354,
92.5797

492.6569,
518.6677, 557.1724

62.2768, 65.6073,
69.5365

136.1163,
143.3528, 152.8833

45.5129, 47.9537,
50.6743

169.7965,
178.8110, 190.9807

32.0646, 33.7902,
35.5745

208.6192,
219.6812, 234.9333

21.5666, 22.7325,
23.8187

252.9497,
266.3479, 285.1595

13.6536, 14.3961,
14.9882

303.1533,
319.1955, 342.0781

7.9602, 8.3967,
8.6646

359.5955,

4.1211, 4.3498,

378.6084, 406.1074

4.4292

422.6416,
444.9710, 477.6660

■ 1.7709, 1.8711,
1.8637

■ 0.5000, 0.5309,
0.4695

■ 82.7218, 87.1354,
92.5797

■ 82.7218, 87.1354,
92.5797

■ 77.6985, 82.3494,
74.6852

■ 87.2835, 91.8358,
107.7335

■ 73.1852, 77.8571,
59.2018

■ 89.1381, 95.5449,
108.3517

■ 69.1637, 73.6532,
46.0261

■ 90.0861, 97.4410,
108.6677

■ 65.6121, 69.7280,
35.0447

■ 62.5064, 66.0709,
26.1347

■ 59.8204, 62.6707,
19.1611

■ 57.5249, 59.5145,
13.9726

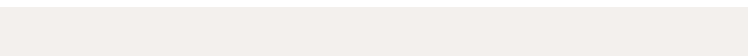
■ 55.5863, 56.5879,
10.3955

■ 53.9644, 53.8740,
8.2210

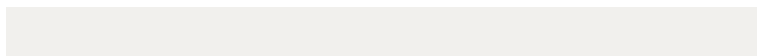
Harmonies

Analogous

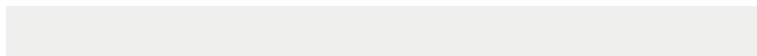
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



83.1394, 87.1354, 92.7471



82.7218, 87.1354, 92.5797



82.3317, 87.1354, 93.0233

Triad

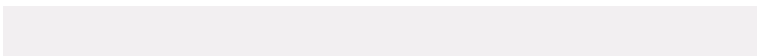
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



82.7218, 87.1354, 92.5797



82.1703, 87.1354, 96.2825



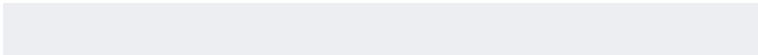
83.5707, 87.1354, 95.7933

Complementary

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



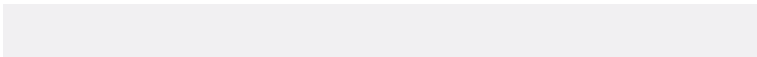
82.7218, 87.1354, 92.5797



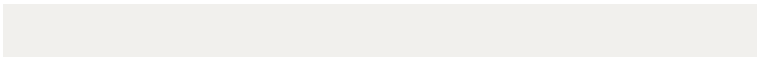
81.3768, 85.5034, 95.4351

Split Complementary

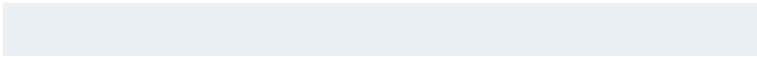
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



83.3094, 87.1354, 96.7524



82.7218, 87.1354, 92.5797



82.5006, 87.1354, 97.0365

Square

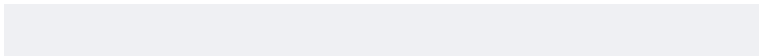
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



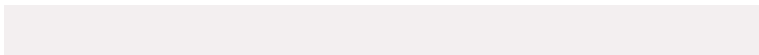
82.7218, 87.1354, 92.5797



82.0140, 87.1354, 95.1561



82.9174, 87.1354, 97.2092



83.6304, 87.1354, 94.5958

Rectangle

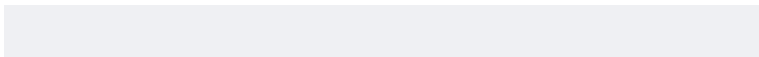
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



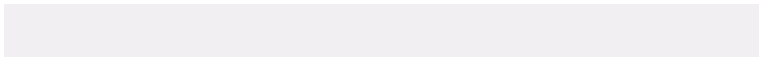
82.7218, 87.1354, 92.5797



82.1394, 87.1354, 93.6081



82.9174, 87.1354, 97.2092



83.5035, 87.1354, 96.1546

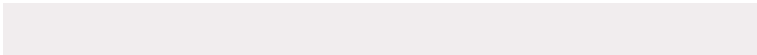
Sweetspot

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



82.7243, 87.1392, 92.5816

95.0500, 100.0000, 108.9000



81.9937, 85.4436, 93.0609



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.



82.7243, 87.1392, 92.5816



93.8359, 98.8685, 104.4981



82.6778, 87.5516, 92.6636



17.5895, 18.5314, 19.6195



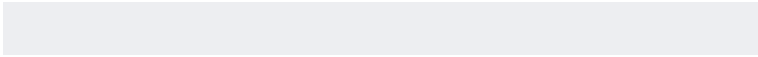
28.7448, 28.2877, 3.9451



2.4692, 2.5091, 0.3542

Inverse Universe

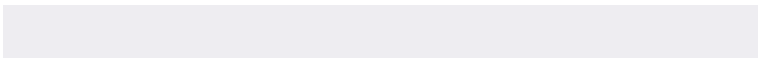
The Inverse Universe completely reimagines the original color for something new.



81.3768, 85.5034, 95.4351



91.9887, 96.6259, 108.4101



81.4226, 85.0978, 95.3544



17.2625, 18.1344, 20.3121



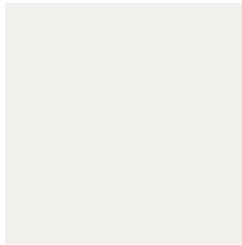
9.5754, 5.3750, 45.6607



0.8728, 0.5997, 3.8240

Previews

White Background



This preview shows how the XYZ color 82.7218, 87.1354, 92.5797 looks on a white background.

Color Contrast Check

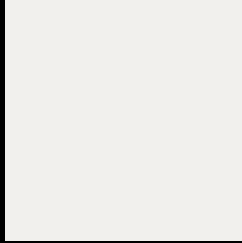
Large Text (above 18pt) WCAG AA × Fail

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 82.7218, 87.1354, 92.5797 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

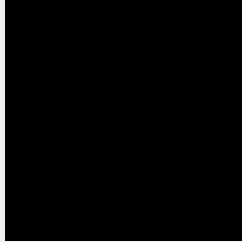
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

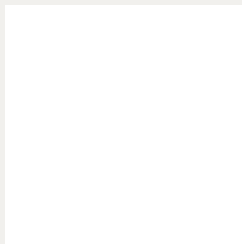
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 82.7218, 87.1354, 92.5797

Background



This preview shows how black text looks on a background with the XYZ color 82.7218, 87.1354, 92.5797.



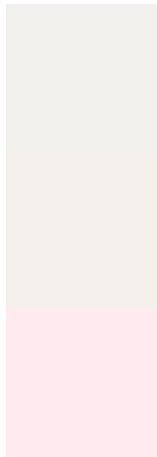
This preview shows how white text looks on a background with the XYZ color 82.7218, 87.1354,

92.5/97.

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

82.7218, 87.1354, 92.5797

Protanopia

83.6630, 87.2016, 91.7790

Deuteranopia

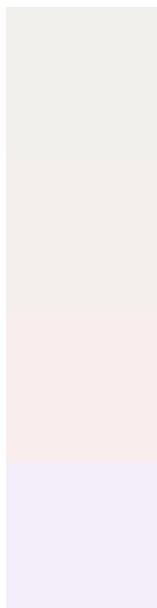
86.5283, 86.9087, 93.8759



Tritanopia

85.6424, 87.0215, 106.8907

Trichromacy



Original Color

82.7218, 87.1354, 92.5797

Protanomaly

83.3151, 87.0222, 91.7627

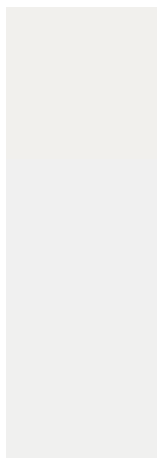
Deuteranomaly

85.1411, 87.0654, 93.2068

Tritanomaly

84.4800, 86.9811, 101.1434

Monochromacy



Original Color

82.7218, 87.1354, 92.5797

Achromatopsia

82.8234, 87.1367, 94.8919

Achromatomaly

82.6753, 87.0774, 94.1115

CSS Examples

Text

The CSS property to change the color of the text to XYZ 82.7218, 87.1354, 92.5797 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(241, 240, 237) looks like.

```
.text, #text, p{  
    color:rgb(241, 240, 237)  
}
```

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(241, 240, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 240, 237) }
```

Border

The CSS property to change the border of an element to XYZ 82.7218, 87.1354, 92.5797 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(241, 240, 237) }
```

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

```
.border{ border-color:rgb(241, 240, 237) }
```

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

Here you see how a box with a 4 pixel rgb(241, 240, 237) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 240, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 240, 237);  
box-shadow:4px 4px 4px 4px rgb(241, 240,  
237) }
```


Background

The CSS property to change the background color of an element to XYZ 82.7218, 87.1354, 92.5797 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 240, 237) }
```

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

```
.background{ background-color: rgb(241,  
240, 237) }
```

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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