

Converting Colors

XYZ(82.1688, 87.9408, 83.1645)

Have a look what the booklet for
XYZ(82.1688, 87.9408, 83.1645)
contains.

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Color

**XYZ(82.1688, 87.9408,
83.1645)**

Conversions

Conversions Part 1

Format	Color
Hex	F3F2E0
RGB	243, 242, 224
RGB Percent	95%, 95%, 88%
CMY	0.0471, 0.0510, 0.1216
CMYK	0.00, 0.00, 0.08, 0.05
HSL	57°, 44%, 92%
HSV	57°, 8%, 95%
XYZ	82.1688, 87.9408, 83.1645
YIQ	240.2470, 6.3740, -5.3860

Conversions

Conversions Part 2

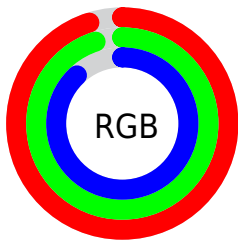
Format	Color
R_{YB}	225, 243, 224
Decimal	15987424
CIE Lab	95.14, -2.72, 8.79
CIE LCh	95, 9.206, 107.193
Yxy	87.9408, 0.3244, 0.3472
Android (android.graphics.Color)	4294177504 (0xFFFF3F2E0)
YUV	240.2470, -8.0098, 2.4144
Hunter-Lab	93.7768, -7.7046, 13.0633

Details

The XYZ color **82.1688, 87.9408, 83.1645** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **73.8432, 76.1674, 95.6047**, and the grayscale version is **83.0773, 87.4037, 95.1827**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **45.2139, 48.5472, 44.5236** is the 20% darker color. If you saturate the color by 10%, you get **78.7294, 85.9639, 66.9042**, and if you desaturate by 10%, it is **86.0867, 90.1190, 101.9101**.

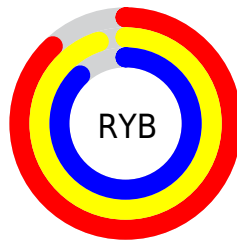
Distribution



Red (95%)

Green (95%)

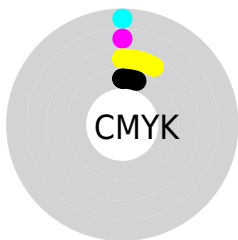
Blue (88%)



Red (88%)

Yellow (95%)

Blue (88%)

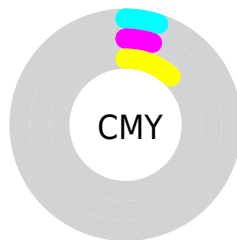


Cyan (0%)

Magenta (0%)

Yellow (8%)

Black (5%)



Cyan (5%)

Magenta (5%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 82.1688, 87.9408, 83.1645 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 82.1688, 87.9408, 83.1645 by changing the saturation by 10% instead.

82.1688, 87.9408,
83.1645

82.1688, 87.9408,
83.1645

490.8381,
521.3093, 525.5199

61.8193, 66.2740,
61.7845

135.3453,
144.4747, 139.6571

45.1417, 48.4949,
44.4239

168.9029,
180.1107, 175.6068

31.7708, 34.2190,
30.6643

207.5940,
221.1719, 217.2501

21.3412, 23.0619,
20.0870

251.7839,
268.0426, 265.0056

13.4875, 14.6392,
12.2736

301.8378,
321.1073, 319.2918

7.8444, 8.5666,
6.8055

358.1213,

4.0465, 4.4596,

380.7504, 380.5272

3.2642

420.9996,
447.3563, 449.1304

■ 1.7285, 1.9338,
1.2311

■ 0.4740, 0.5686,
0.0043

■ 82.1688, 87.9408,
83.1645

■ 82.1688, 87.9408,
83.1645

■ 78.7294, 85.9639,
66.9042

■ 86.0867, 90.1190,
101.9101

■ 75.7415, 84.1690,
53.0188

■ 87.5293, 91.3085,
107.6188

■ 73.1860, 82.5513,
41.3980

■ 87.9147, 92.0793,
107.7472

■ 71.0401, 81.1015,
31.9208

■ 88.3028, 92.8554,
107.8766

69.2785, 79.8097,
24.4545

88.6935, 93.6368,
108.0068

67.8733, 78.6646,
18.8521

89.0869, 94.4236,
108.1379

66.7926, 77.6535,
14.9461

89.4829, 95.2157,
108.2700

65.9992, 76.7614,
12.5397

89.8816, 96.0131,
108.4029

65.4424, 75.9682,
11.3664

90.2830, 96.8159,
108.5367

Harmonies

Analogous

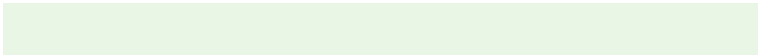
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



84.6578, 87.9408, 82.9159



82.1688, 87.9408, 83.1645



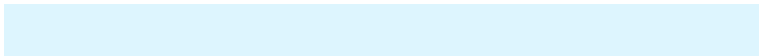
80.0994, 87.9408, 86.6774

Triad

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



82.1688, 87.9408, 83.1645



80.3532, 87.9408, 106.2383



88.3726, 87.9408, 98.8445

Complementary

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



82.1688, 87.9408, 83.1645



73.8432, 76.1674, 95.6047

Split Complementary

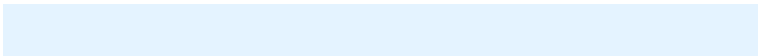
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



87.1704, 87.9408, 105.4400



82.1688, 87.9408, 83.1645



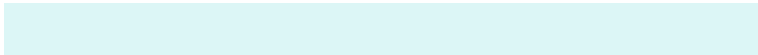
82.5215, 87.9408, 109.8501

Square

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



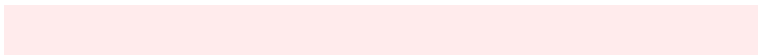
82.1688, 87.9408, 83.1645



79.0656, 87.9408, 99.8901



85.0176, 87.9408, 109.5508



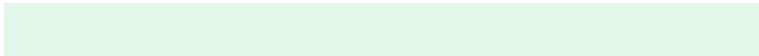
88.2736, 87.9408, 91.7310

Rectangle

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



82.1688, 87.9408, 83.1645



79.2213, 87.9408, 90.5020



85.0176, 87.9408, 109.5508



88.1063, 87.9408, 101.2024

Sweetspot

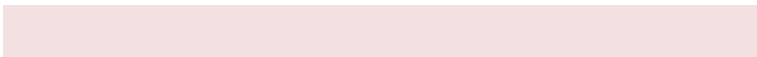
The Sweet Spot groups the original color and five complimentary colors.



82.1712, 87.9446, 83.1664



94.1545, 99.5056, 104.6043



77.2459, 77.8180, 82.3754



20.1623, 21.3035, 22.4346



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

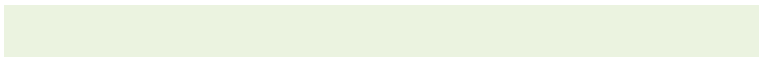
The Same Dimension uses a secret algorithm to generate beautiful new colors.



82.1712, 87.9446, 83.1664



91.1904, 97.8446, 90.4608



79.6901, 87.1064, 83.1354



17.8360, 19.1561, 17.5550



35.8903, 41.6662, 6.1508



3.1768, 3.7068, 0.5481

Inverse Universe

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



73.8432, 76.1674, 95.6047



80.5552, 82.8047, 106.3449



76.1889, 76.9785, 95.6376



15.6508, 16.0658, 20.8187



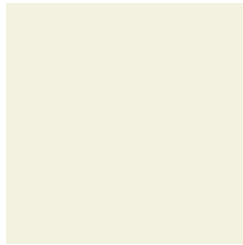
8.9847, 3.7632, 46.7908



0.8137, 0.3788, 4.1205

Previews

White Background



This preview shows how the XYZ color 82.1688, 87.9408, 83.1645 looks on a white background.

Color Contrast Check

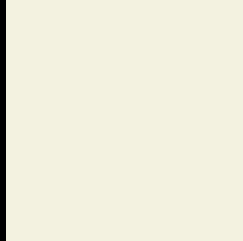
Large Text (above 18pt) WCAG AA × Fail

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 82.1688, 87.9408, 83.1645 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

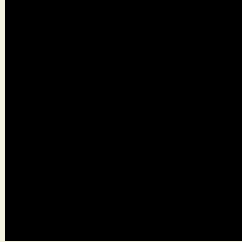
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

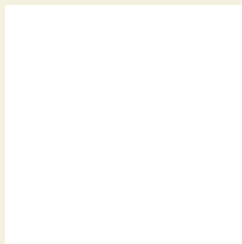
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 82.1688, 87.9408, 83.1645

Background



This preview shows how black text looks on a background with the XYZ color 82.1688, 87.9408, 83.1645.



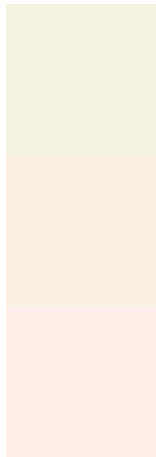
This preview shows how white text looks on a background with the XYZ color 82.1688, 87.9408,

83.1645.

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

82.1688, 87.9408, 83.1645

Protanopia

83.5463, 87.7876, 82.3534

Deuteranopia

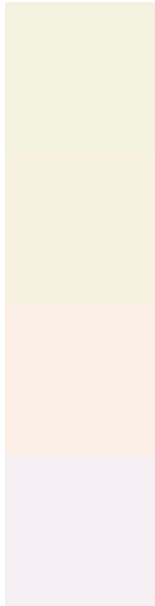
86.3755, 87.7689, 90.2305



Tritanopia

86.9823, 88.1432, 107.0366

Trichromacy



Original Color

82.1688, 87.9408, 83.1645

Protanomaly

83.1324, 88.0125, 82.4186

Deuteranomaly

84.9331, 87.9554, 87.3635

Tritanomaly

85.2017, 87.8575, 98.0555

Monochromacy



Original Color

82.1688, 87.9408, 83.1645

Achromatopsia

82.8234, 87.1367, 94.8919

Achromatomaly

82.5822, 87.5519, 90.3886

CSS Examples

Text

The CSS property to change the color of the text to XYZ 82.1688, 87.9408, 83.1645 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(243, 242, 224) looks like.

```
.text, #text, p{  
    color:rgb(243, 242, 224)  
}
```

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(243, 242, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 242, 224) }
```

Border

The CSS property to change the border of an element to XYZ 82.1688, 87.9408, 83.1645 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(243, 242, 224) }
```


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

```
.border{ border-color:rgb(243, 242, 224) }
```

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

Here you see how a box with a 4 pixel rgb(243, 242, 224) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 242, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 242, 224);  
box-shadow:4px 4px 4px 4px rgb(243, 242,  
224) }
```

Background

The CSS property to change the background color of an element to XYZ 82.1688, 87.9408, 83.1645 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 242, 224) }
```

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

```
.background{ background-color: rgb(243,  
242, 224) }
```

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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