

Converting Colors

XYZ(84.4481, 88.3783, 96.6205)

Have a look what the booklet for
XYZ(84.4481, 88.3783, 96.6205)
contains.

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Color

**XYZ(84.4445, 88.3761,
96.6120)**

Conversions

Conversions Part 1

Format	Color
Hex	F3F1F2
RGB	243, 241, 242
RGB Percent	95%, 95%, 95%
CMY	0.0471, 0.0549, 0.0510
CMYK	0.00, 0.01, 0.00, 0.05
HSL	330°, 8%, 95%
HSV	330°, 1%, 95%
XYZ	84.4445, 88.3761, 96.6120
YIQ	241.7120, 0.8710, 0.7350

Conversions

Conversions Part 2

Format	Color
R_{YB}	243, 241, 242
Decimal	15987186
CIE Lab	95.32, 0.85, -0.26
CIE LCh	95, 0.885, 343.189
Yxy	88.3761, 0.3134, 0.3280
Android (android.graphics.Color)	4294177266 (0xFFFF3F1F2)
YUV	241.7120, 0.1420, 1.1296
Hunter-Lab	94.0086, -4.1749, 4.8740

Details

The XYZ color **84.4445, 88.3761, 96.6120** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **84.3566, 89.2151, 96.7831**, and the grayscale version is **84.1711, 88.5545, 96.4359**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **46.7054, 48.8079, 53.4136** is the 20% darker color. If you saturate the color by 10%, you get **75.9584, 74.2325, 85.0603**, and if you desaturate by 10%, it is **90.6404, 97.7421, 108.0032**.

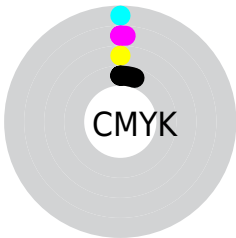
Distribution



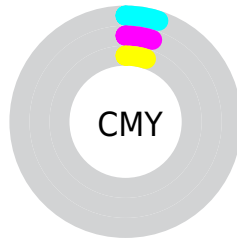
- Red (95%)
- Green (95%)
- Blue (95%)



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



- Cyan (0%)
- Magenta (1%)
- Yellow (0%)
- Black (5%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 84.4445, 88.3761, 96.6120 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 84.4445, 88.3761, 96.6120 by changing the saturation by 10% instead.

84.4445, 88.3761,
96.6120

84.4445, 88.3761,
96.6120

498.2995,
522.7341, 570.4285

63.7034, 66.6346,
72.8731

138.5148,
145.0807, 158.5045

46.6713, 48.7877,
53.3810

172.5748,
180.8125, 197.4951

32.9827, 34.4511,
37.7172

211.8052,
221.9765, 242.4067

22.2724, 23.2404,
25.4632

256.5712,
268.9572, 293.6578

14.1749, 14.7711,
16.2003

307.2383,
322.1389, 351.6670

8.3249, 8.6589,
9.5101

364.1718,

4.3571, 4.5194,

381.9060, 416.8529

4.9741

427.7371,
448.6430, 489.6338

■ 1.9061, 1.9681,
2.1736

■ 0.5804, 0.5889,
0.6591

■ 84.4445, 88.3761,
96.6120

■ 84.4445, 88.3761,
96.6120

■ 75.9584, 74.2325,
85.0603

■ 90.6404, 97.7421,
108.0032

■ 68.5109, 61.9763,
74.4427

■ 90.7727, 97.7950,
108.6998

■ 62.0619, 51.5300,
64.7351

■ 56.5658, 42.8063,
55.9099

■ 51.9733, 35.7106,
47.9378

■ 48.2303, 30.1391,
40.7878

■ 45.2767, 25.9760,
34.4260

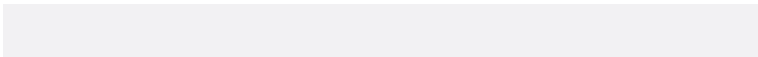
■ 43.0437, 23.0886,
28.8153

■ 41.4496, 21.3182,
23.9135

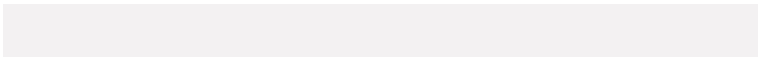
Harmonies

Analogous

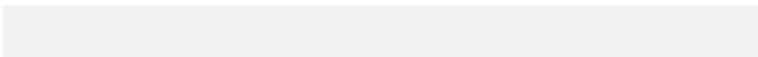
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



84.3173, 88.3761, 97.2002



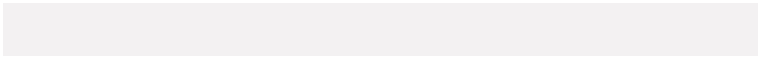
84.4445, 88.3761, 96.6120



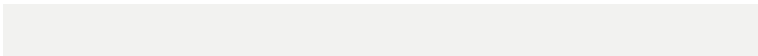
84.4521, 88.3761, 95.9232

Triad

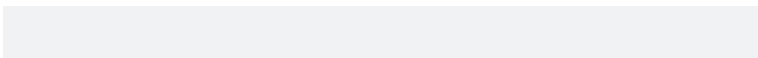
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



84.4445, 88.3761, 96.6120



83.8928, 88.3761, 94.9365



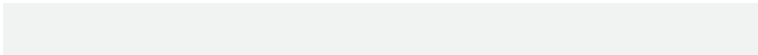
83.6604, 88.3761, 97.1404

Complementary

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



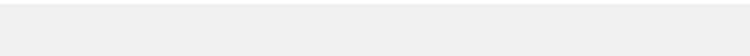
84.4445, 88.3761, 96.6120



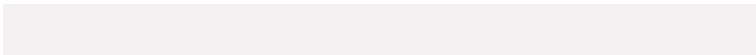
84.3566, 89.2151, 96.7831

Split Complementary

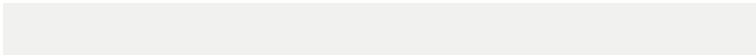
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



83.5472, 88.3761, 96.5306



84.4445, 88.3761, 96.6120



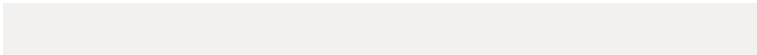
83.6812, 88.3761, 95.2594

Square

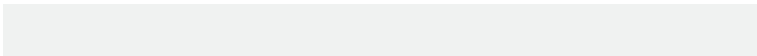
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



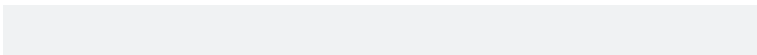
84.4445, 88.3761, 96.6120



84.1333, 88.3761, 94.9581



83.5547, 88.3761, 95.8421



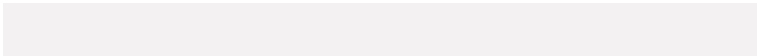
83.8645, 88.3761, 97.5063

Rectangle

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



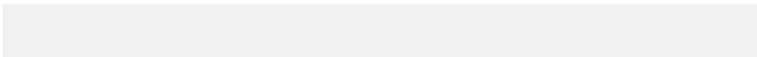
84.4445, 88.3761, 96.6120



84.3884, 88.3761, 95.4998



83.5547, 88.3761, 95.8421



83.6105, 88.3761, 96.9570

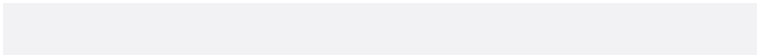
Sweetspot

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



84.4470, 88.3799, 96.6139

95.0500, 100.0000, 108.9000



84.2542, 88.2631, 97.3912



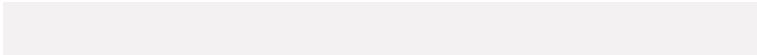
20.3446, 21.4041, 23.3091



0.0000, 0.0000, 0.0000

Same Dimension

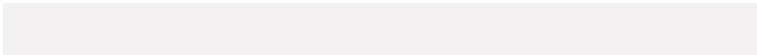
The Same Dimension uses a secret algorithm to generate beautiful new colors.



84.4470, 88.3799, 96.6139



94.0368, 98.3018, 107.5509



84.2978, 88.3202, 95.8281



18.4412, 19.2843, 21.0934



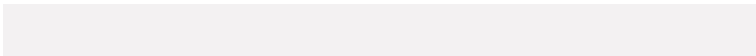
22.2568, 11.2462, 11.3267



2.0080, 1.0092, 1.2686

Inverse Universe

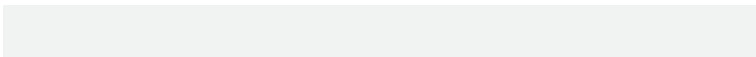
The Inverse Universe completely reimagines the original color for something new.



84.4470, 88.3799, 96.6139



94.0368, 98.3018, 107.5509



84.5066, 89.2752, 97.5732



18.4412, 19.2843, 21.0934



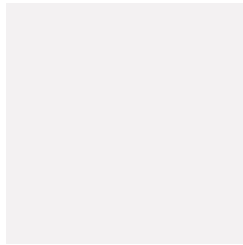
22.2568, 11.2462, 11.3267



2.0080, 1.0092, 1.2686

Previews

White Background



This preview shows how the XYZ color 84.4445, 88.3761, 96.6120 looks on a white background.

Color Contrast Check

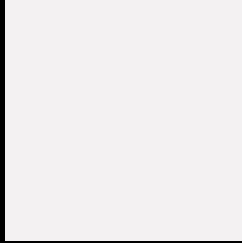
Large Text (above 18pt) WCAG AA × Fail

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 84.4445, 88.3761, 96.6120 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

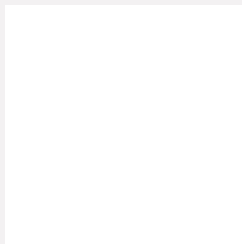
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 84.4445, 88.3761, 96.6120

Background



This preview shows how black text looks on a background with the XYZ color 84.4445, 88.3761, 96.6120.



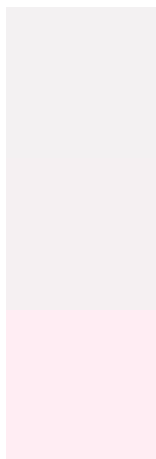
This preview shows how white text looks on a background with the XYZ color 84.4445, 88.3761,

96.6 20.

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

84.4445, 88.3761, 96.6120

Protanopia

84.8433, 88.1435, 96.5461

Deuteranopia

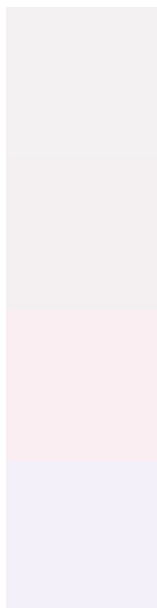
87.7018, 88.2994, 97.2151



Tritanopia

86.5727, 88.3655, 107.1011

Trichromacy



Original Color

84.4445, 88.3761, 96.6120

Protanomaly

84.4953, 87.9641, 96.5298

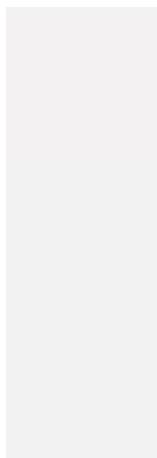
Deuteranomaly

86.5359, 88.1294, 97.2438

Tritanomaly

85.7236, 88.4554, 102.9980

Monochromacy



Original Color

84.4445, 88.3761, 96.6120

Achromatopsia

84.3971, 88.7923, 96.6948

Achromatomaly

84.3971, 88.7923, 96.6948

CSS Examples

Text

The CSS property to change the color of the text to XYZ 84.4445, 88.3761, 96.6120 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, 241, 242) looks like.

```
.text, #text, p{  
    color:rgb(243, 241, 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(243, 241, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 241, 242) }
```

Border

The CSS property to change the border of an element to XYZ 84.4445, 88.3761, 96.6120 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, 241, 242) }
```

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

```
.border{ border-color:rgb(243, 241, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 241, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 241, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 241, 242);  
box-shadow:4px 4px 4px 4px rgb(243, 241,  
242) }
```


Background

The CSS property to change the background color of an element to XYZ 84.4445, 88.3761, 96.6120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 241, 242) }
```

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

```
.background{ background-color: rgb(243,  
241, 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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