

Converting Colors

XYZ(88.6915, 92.8404, 96.7096)

Have a look what the booklet for
XYZ(88.6915, 92.8404, 96.7096)
contains.

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Color

**XYZ(88.6166, 92.7716,
96.4552)**

Conversions

Conversions Part 1

Format	Color
Hex	FBF6F1
RGB	251, 246, 241
RGB Percent	98%, 96%, 95%
CMY	0.0157, 0.0353, 0.0549
CMYK	0.00, 0.02, 0.04, 0.02
HSL	30°, 56%, 96%
HSV	30°, 4%, 98%
XYZ	88.6166, 92.7716, 96.4552
YIQ	246.9250, 4.5850, -0.4950

Conversions

Conversions Part 2

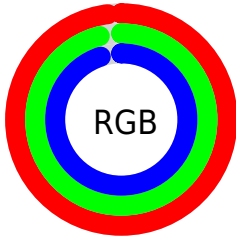
Format	Color
R _Y B	251, 251, 241
Decimal	16512753
CIE Lab	97.13, 0.81, 2.98
CIE LCh	97, 3.087, 74.792
Yxy	92.7716, 0.3189, 0.3339
Android (android.graphics.Color)	4294702833 (0xFFFBF6F1)
YUV	246.9250, -2.9210, 3.5738
Hunter-Lab	96.3180, -4.3291, 8.0482

Details

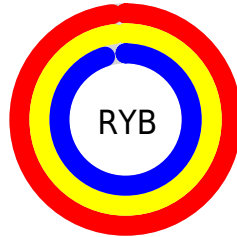
The XYZ color 88.6166, 92.7716, 96.4552 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 86.6440, 91.5761, 104.3773, and the grayscale version is 88.3698, 92.9719, 101.2464.

A 20% lighter version of the original color is 95.0500, 100.0000, 108.9000, and 49.4185, 51.7990, 53.2925 is the 20% darker color. If you saturate the color by 10%, you get 81.4374, 84.0047, 76.8214, and if you desaturate by 10%, it is 93.5942, 99.2495, 108.8319.

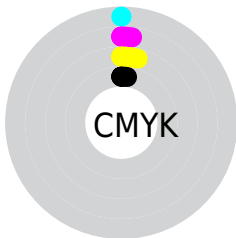
Distribution



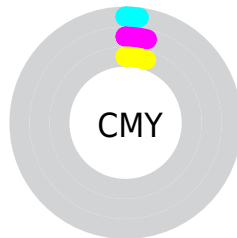
- Red (98%)
- Green (96%)
- Blue (95%)



- Red (98%)
- Yellow (98%)
- Blue (95%)



- Cyan (0%)
- Magenta (2%)
- Yellow (4%)
- Black (2%)



- Cyan (2%)
- Magenta (4%)
- Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 88.6166, 92.7716, 96.4552 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 88.6166, 92.7716, 96.4552 by changing the saturation by 10% instead.

88.6166, 92.7716,
96.4552

88.6166, 92.7716,
96.4552

511.8256,
537.0061, 569.9161

67.1663, 70.2817,
72.7432

144.3034,
151.1824, 158.2863

49.4910, 51.7562,
53.2754

179.2707,
187.8720, 197.2425

35.2253, 36.8108,
37.6335

219.4743,
230.0636, 242.1171

24.0038, 25.0610,
25.3987

265.2797,
278.1417, 293.3288

15.4612, 16.1225,
16.1526

317.0522,
332.4906, 351.2959

9.2321, 9.6109,
9.4767

375.1571,

4.9512, 5.1417,

393.4947, 416.4372

4.9524

439.9597,
461.5384, 489.1711

■ 2.2531, 2.3307,
2.1611

■ 0.7705, 0.7899,
0.6518

■ 88.6166, 92.7716,
96.4552

■ 88.6166, 92.7716,
96.4552

■ 81.4374, 84.0047,
76.8214

■ 93.5942, 99.2495,
108.8319

■ 75.0036, 75.9370,
59.8799

■ 69.2904, 68.5531,
45.5130

■ 64.2682, 61.8326,
33.5916

■ 59.9051, 55.7539,
23.9755

■ 56.1664, 50.2939,
16.5100

■ 53.0135, 45.4275,
11.0211

■ 50.4022, 41.1272,
7.3073

■ 48.2797, 37.3613,
5.1225

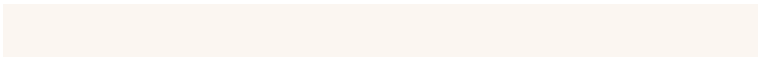
Harmonies

Analogous

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



89.3703, 92.7716, 97.6714



88.6166, 92.7716, 96.4552



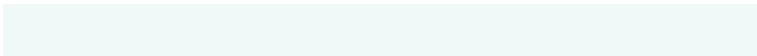
87.7498, 92.7716, 96.4465

Triad

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



88.6166, 92.7716, 96.4552



86.5675, 92.7716, 102.2418



89.3616, 92.7716, 104.4541

Complementary

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



88.6166, 92.7716, 96.4552



86.6440, 91.5761, 104.3773

Split Complementary

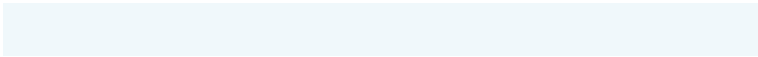
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



88.6048, 92.7716, 105.7204



88.6166, 92.7716, 96.4552



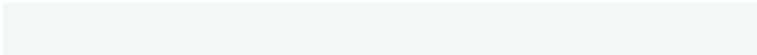
86.9936, 92.7716, 104.4290

Square

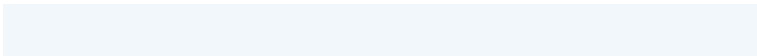
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



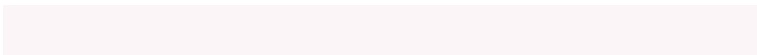
88.6166, 92.7716, 96.4552



86.5706, 92.7716, 99.7597



87.7381, 92.7716, 105.7111



89.8023, 92.7716, 102.2757

Rectangle

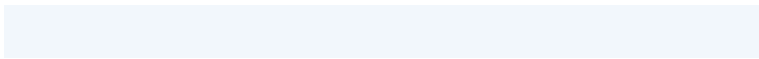
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



88.6166, 92.7716, 96.4552



87.2246, 92.7716, 97.1252



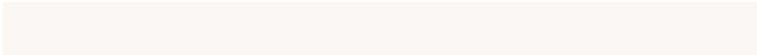
87.7381, 92.7716, 105.7111



89.1355, 92.7716, 105.0021

Sweetspot

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



88.6192, 92.7756, 96.4572



94.2371, 99.0267, 106.6170



87.8748, 90.0750, 99.9448



20.1792, 21.2061, 22.8445



0.0000, 0.0000, 0.0000



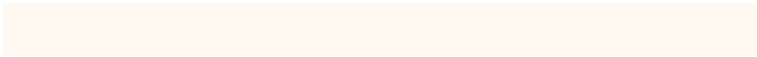
20.3446, 21.4041, 23.3091

Same Dimension

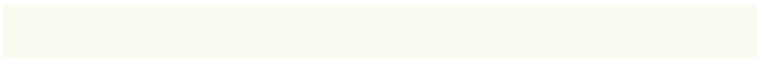
The Same Dimension uses a secret algorithm to generate beautiful new colors.



88.6192, 92.7756, 96.4572



91.0662, 95.2090, 97.7789



90.1593, 95.8557, 96.9706



18.5500, 19.3758, 19.7318



24.9531, 18.8629, 2.3257



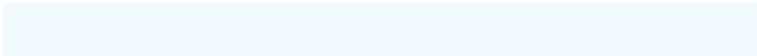
2.4171, 1.9590, 0.2507

Inverse Universe

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



86.6440, 91.5761, 104.3773



88.5120, 93.6579, 108.0204



85.1449, 88.5778, 103.8776



17.9571, 19.0157, 22.1093



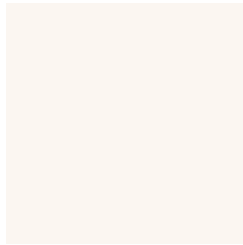
13.1794, 11.7143, 49.5400



1.3266, 1.2969, 4.6236

Previews

White Background



This preview shows how the XYZ color 88.6166, 92.7716, 96.4552 looks on a white background.

Color Contrast Check

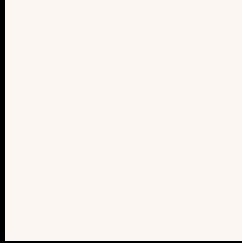
Large Text (above 18pt) WCAG AA × Fail

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 88.6166, 92.7716, 96.4552 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

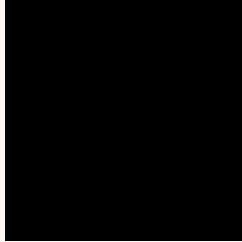
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

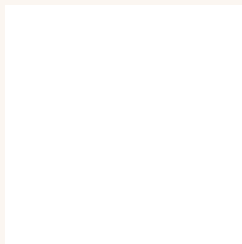
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 88.6166, 92.7716, 96.4552

Background



This preview shows how black text looks on a background with the XYZ color 88.6166, 92.7716, 96.4552.



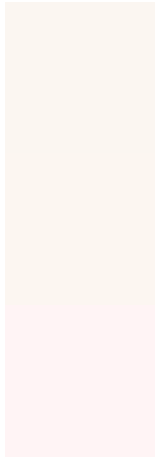
This preview shows how white text looks on a background with the XYZ color 88.6166, 92.7716,

96.452.

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

88.6166, 92.7716, 96.4552

Protanopia

88.9778, 92.9579, 96.4721

Deuteranopia

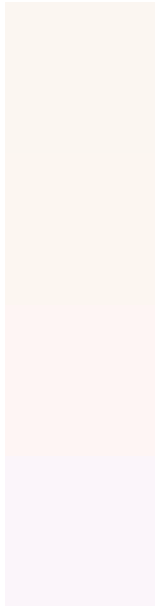
90.0721, 92.5539, 99.5036



Tritanopia

90.4861, 93.0340, 107.7960

Trichromacy



Original Color

88.6166, 92.7716, 96.4552

Protanomaly

88.9778, 92.9579, 96.4721

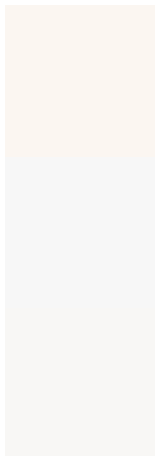
Deuteranomaly

89.8546, 92.9073, 98.7850

Tritanomaly

89.6914, 92.7162, 103.6112

Monochromacy



Original Color

88.6166, 92.7716, 96.4552

Achromatopsia

88.4070, 93.0111, 101.2891

Achromatomaly

88.4536, 93.0706, 99.6886

CSS Examples

Text

The CSS property to change the color of the text to XYZ 88.6166, 92.7716, 96.4552 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(251, 246, 241) looks like.

```
.text, #text, p{  
    color:rgb(251, 246, 241)  
}
```

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(251, 246, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 246, 241) }
```

Border

The CSS property to change the border of an element to XYZ 88.6166, 92.7716, 96.4552 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(251, 246, 241) }
```


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

```
.border{ border-color:rgb(251, 246, 241) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 246, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 246, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 246, 241);  
box-shadow:4px 4px 4px 4px rgb(251, 246,  
241) }
```

Background

The CSS property to change the background color of an element to XYZ 88.6166, 92.7716, 96.4552 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 246, 241) }
```

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

```
.background{ background-color: rgb(251,  
246, 241) }
```

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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