

# Converting Colors

XYZ(88.9216, 93.3816, 96.5569)

Have a look what the booklet for  
XYZ(88.9216, 93.3816, 96.5569)  
contains.

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# **Color**

**XYZ(88.9216, 93.3816,  
96.5569)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FBF7F1
RGB	251, 247, 241
RGB Percent	98%, 97%, 95%
CMY	0.0157, 0.0313, 0.0549
CMYK	0.00, 0.02, 0.04, 0.02
HSL	36°, 56%, 96%
HSV	36°, 4%, 98%
XYZ	88.9216, 93.3816, 96.5569
YIQ	247.5120, 4.3100, -1.0180

# Conversions

## Conversions Part 2

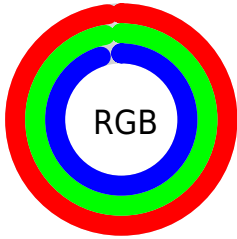
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	248, 251, 241
Decimal	16513009
CIE Lab	97.38, 0.30, 3.34
CIE LCh	97, 3.352, 84.813
Yxy	93.3816, 0.3189, 0.3349
Android (android.graphics.Color)	4294703089 (0xFFFBF7F1)
YUV	247.5120, -3.2104, 3.0590
Hunter-Lab	96.6342, -4.8562, 8.4013

# Details

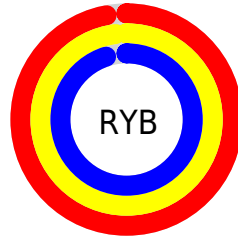
The XYZ color 88.9216, 93.3816, 96.5569 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 86.3406, 90.9694, 104.2762, and the grayscale version is 88.8500, 93.4771, 101.7966.

A 20% lighter version of the original color is 95.0500, 100.0000, 108.9000, and 49.6359, 52.2337, 53.3650 is the 20% darker color. If you saturate the color by 10%, you get 82.4436, 86.0173, 77.1569, and if you desaturate by 10%, it is 93.5942, 99.2495, 108.8319.

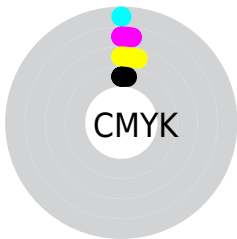
# Distribution



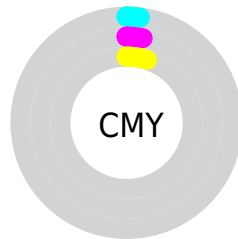
- Red (98%)
- Green (97%)
- Blue (95%)



- Red (97%)
- Yellow (98%)
- Blue (95%)



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



- Cyan (2%)
- Magenta (3%)
- Yellow (5%)

# Brightness & Saturation Gradients

These gradients show how the XYZ color 88.9216, 93.3816, 96.5569 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 88.9216, 93.3816, 96.5569 by changing the saturation by 10% instead.



88.9216, 93.3816,  
96.5569

88.9216, 93.3816,  
96.5569

512.8069,  
538.9708, 570.2485

67.4199, 70.7887,  
72.8274

144.7255,  
152.0268, 158.4278

49.6979, 52.1698,  
53.3439

179.7584,  
188.8479, 197.4063

35.3902, 37.1404,  
37.6878

220.0325,  
231.1806, 242.3050

24.1315, 25.3162,  
25.4405

265.9130,  
279.4092, 293.5422

15.5565, 16.3128,  
16.1835

317.7653,  
333.9181, 351.5367

9.2997, 9.7458,  
9.4984

375.9549,

4.9959, 5.2307,

395.0918, 416.7068

4.9664

440.8470,  
463.3145, 489.4712

■ 2.2796, 2.3833,  
2.1692

■ 0.7842, 0.8173,  
0.6565

■ 88.9216, 93.3816,  
96.5569

■ 88.9216, 93.3816,  
96.5569

■ 82.4436, 86.0173,  
77.1569

■ 93.5942, 99.2495,  
108.8319

■ 76.6211, 79.1720,  
60.4191

■ 71.4317, 72.8356,  
46.2267

■ 66.8484, 66.9929,  
34.4517

■ 62.8422, 61.6281,  
24.9545

■ 59.3814, 56.7237,  
17.5816

■ 56.4302, 52.2610,  
12.1600

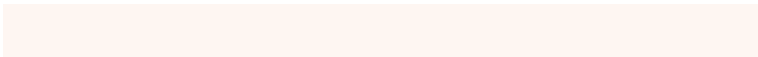
■ 53.9478, 48.2186,  
8.4892

■ 51.8849, 44.5718,  
6.3243

# Harmonies

## Analogous

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



89.8128, 93.3816, 97.4623



88.9216, 93.3816, 96.5569



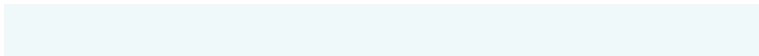
87.9923, 93.3816, 97.0033

# Triad

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



88.9216, 93.3816, 96.5569



87.1092, 93.3816, 103.8872



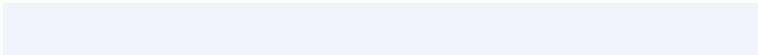
90.2572, 93.3816, 104.7201

# Complementary

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



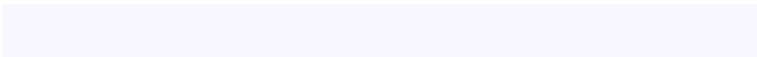
88.9216, 93.3816, 96.5569



86.3406, 90.9694, 104.2762

# Split Complementary

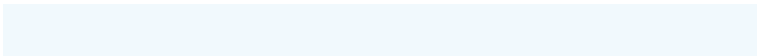
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



89.5249, 93.3816, 106.4978



88.9216, 93.3816, 96.5569



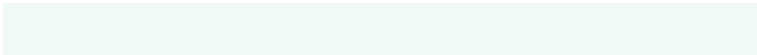
87.7083, 93.3816, 106.0109

# Square

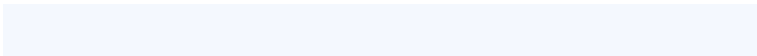
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



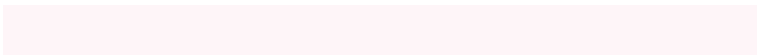
88.9216, 93.3816, 96.5569



86.9502, 93.3816, 101.2046



88.5914, 93.3816, 106.9743

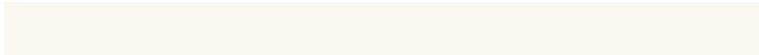


90.5874, 93.3816, 102.1502



# Rectangle

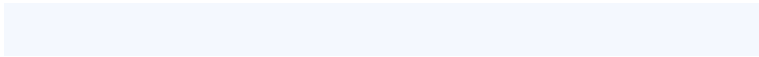
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



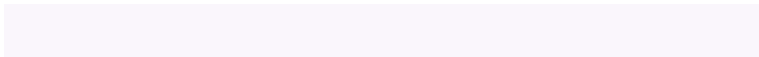
88.9216, 93.3816, 96.5569



87.4756, 93.3816, 98.0117



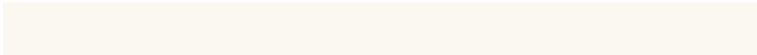
88.5914, 93.3816, 106.9743



90.0496, 93.3816, 105.4320

# Sweetspot

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



88.9242, 93.3856, 96.5589



94.3179, 99.1885, 106.6440



87.7217, 90.0138, 99.1385



20.1956, 21.2390, 22.8500



0.0000, 0.0000, 0.0000

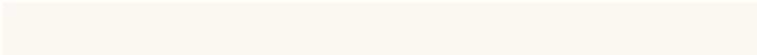


20.3446, 21.4041, 23.3091

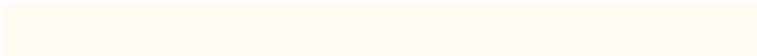


# Same Dimension

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



88.9242, 93.3856, 96.5589



91.4609, 95.9984, 97.9104



89.7999, 95.6705, 96.9538



18.6417, 19.5591, 19.7624



26.8509, 22.6584, 2.9583

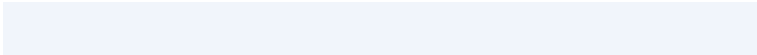


2.5905, 2.3059, 0.3085

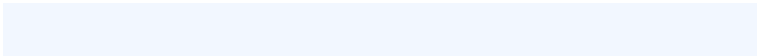


# Inverse Universe

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



86.3406, 90.9694, 104.2762



88.1200, 92.8739, 107.8898



85.4872, 88.7543, 103.8936



17.8662, 18.8338, 22.0789



11.6959, 8.7473, 49.0455

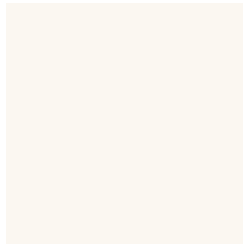


1.1838, 1.0112, 4.5760



# Previews

## White Background



This preview shows how the XYZ color 88.9216, 93.3816, 96.5569 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

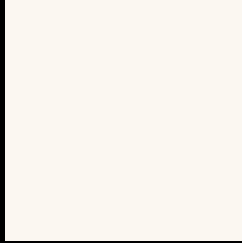
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the XYZ color 88.9216, 93.3816, 96.5569 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

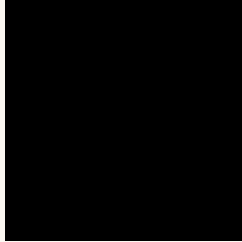
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# XYZ 88.9216, 93.3816, 96.5569

## Background



This preview shows how black text looks on a background with the XYZ color 88.9216, 93.3816, 96.5569.



This preview shows how white text looks on a background with the XYZ color 88.9216, 93.3816,



# 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**

88.9216, 93.3816, 96.5569

**Protanopia**

89.3410, 93.1451, 96.4891

**Deuteranopia**

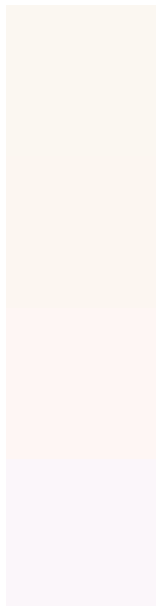
90.5270, 93.2186, 100.4105



## **Tritanopia**

90.7894, 93.6408, 107.8971

# Trichromacy



## Original Color

88.9216, 93.3816, 96.5569

## Protanomaly

88.9778, 92.9579, 96.4721

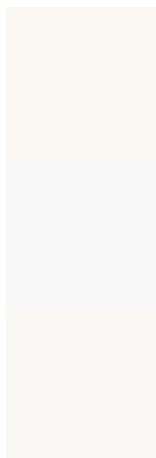
## Deuteranomaly

90.1580, 93.5140, 98.8861

## Tritanomaly

89.9947, 93.3229, 103.7124

# Monochromacy



## Original Color

88.9216, 93.3816, 96.5569

## Achromatopsia

89.2221, 93.8686, 102.2229

## Achromatomaly

89.1158, 93.8671, 99.8075

# CSS Examples

## Text

The CSS property to change the color of the text to XYZ 88.9216, 93.3816, 96.5569 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, 247, 241) looks like.

```
.text, #text, p{  
    color:rgb(251, 247, 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, 247, 241) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 247, 241) }
```

## Border

The CSS property to change the border of an element to XYZ 88.9216, 93.3816, 96.5569 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, 247, 241) }
```



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

```
.border{ border-color:rgb(251, 247, 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, 247, 241)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 247, 241); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 247, 241);  
box-shadow:4px 4px 4px 4px rgb(251, 247,  
241) }
```

# Background

The CSS property to change the background color of an element to XYZ 88.9216, 93.3816, 96.5569 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 247, 241) }
```

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

```
.background{ background-color: rgb(251,  
247, 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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