

Converting Colors

XYZ(89.7478, 94.6467, 95.5425)

Have a look what the booklet for
XYZ(89.7478, 94.6467, 95.5425)
contains.

XYZ(89.6006, 94.6788, 95.2137)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(89.6006, 94.6788,
95.2137)**

Conversions

Conversions Part 1

Format	Color
Hex	FCF9EF
RGB	252, 249, 239
RGB Percent	99%, 98%, 94%
CMY	0.0118, 0.0235, 0.0627
CMYK	0.00, 0.01, 0.05, 0.01
HSL	46°, 68%, 96%
HSV	46°, 5%, 99%
XYZ	89.6006, 94.6788, 95.2137
YIQ	248.7570, 4.9980, -2.4740

Conversions

Conversions Part 2

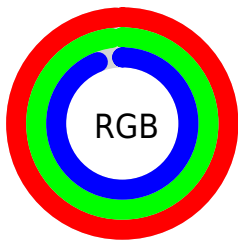
Format	Color
R _Y B	243, 252, 239
Decimal	16579055
CIE Lab	97.90, -0.71, 5.13
CIE LCh	98, 5.183, 97.852
Yxy	94.6788, 0.3206, 0.3388
Android (android.graphics.Color)	4294769135 (0xFFFCF9EF)
YUV	248.7570, -4.8102, 2.8441
Hunter-Lab	97.3030, -5.9102, 10.0952

Details

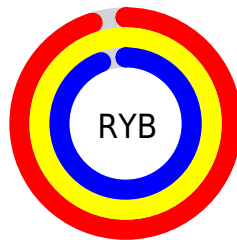
The XYZ color 89.6006, 94.6788, 95.2137 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 84.9195, 88.8821, 104.7770, and the grayscale version is 89.8807, 94.5615, 102.9775.

A 20% lighter version of the original color is 95.0500, 100.0000, 108.9000, and 50.1229, 53.1609, 52.4191 is the 20% darker color. If you saturate the color by 10%, you get 84.3679, 89.7611, 76.3645, and if you desaturate by 10%, it is 93.8958, 99.3164, 108.8289.

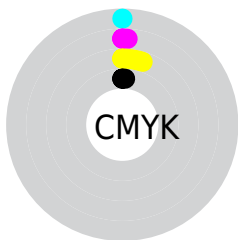
Distribution



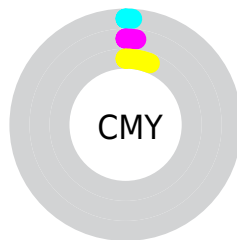
- Red (99%)
- Green (98%)
- Blue (94%)



- Red (95%)
- Yellow (99%)
- Blue (94%)



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




- Cyan (1%)
- Magenta (2%)
- Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 89.6006, 94.6788, 95.2137 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 89.6006, 94.6788, 95.2137 by changing the saturation by 10% instead.


 89.6006, 94.6788,
95.2137

 89.6006, 94.6788,
95.2137


514.9880,
543.1362, 565.8507

 67.9846, 71.8677,
71.7150


145.6647,
153.8208, 156.5579

 50.1588, 53.0506,
52.4405


180.8434,
190.9204, 195.2405

 35.7579, 37.8432,
36.9716


221.2739,
233.5517, 239.8215

 24.4166, 25.8610,
24.8899

267.3213,
282.0990, 290.7193

 15.7693, 16.7197,
15.7768

319.3511,
336.9467, 348.3526

 9.4509, 10.0348,
9.2137

377.7285,

 5.0959, 5.4221,

398.4792, 413.1400

4.7821

442.8191,
467.0809, 485.4998

■ 2.3390, 2.4970,
2.0635

■ 0.8145, 0.8751,
0.5939

■ 89.6006, 94.6788,
95.2137

■ 89.6006, 94.6788,
95.2137

■ 84.3679, 89.7611,
76.3645

■ 93.8958, 99.3164,
108.8289

■ 79.6854, 85.1483,
60.1530

■ 93.9555, 99.4357,
108.8488

■ 75.5323, 80.8345,
46.4608

■ 71.8836, 76.8088,
35.1581

■ 68.7119, 73.0594,
26.1035

■ 65.9869, 69.5735,
19.1405

■ 63.6747, 66.3365,
14.0925

■ 61.7357, 63.3318,
10.7539

■ 60.1212, 60.5390,
8.8708

Harmonies

Analogous

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



91.0680, 94.6788, 95.7131



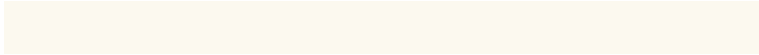
89.6006, 94.6788, 95.2137



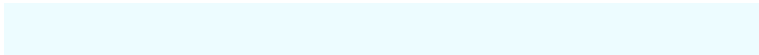
88.2520, 94.6788, 96.7782

Triad

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



89.6006, 94.6788, 95.2137



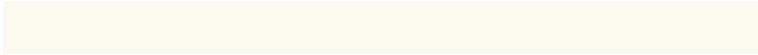
87.7579, 94.6788, 108.1787



92.6547, 94.6788, 106.1967

Complementary

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



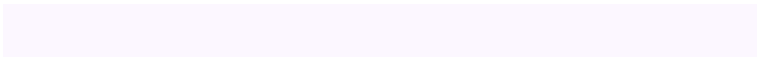
89.6006, 94.6788, 95.2137



84.9195, 88.8821, 104.7770

Split Complementary

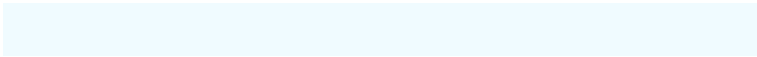
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



91.7494, 94.6788, 109.6686



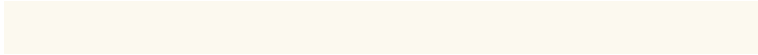
89.6006, 94.6788, 95.2137



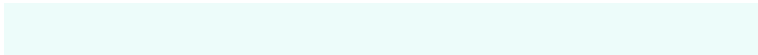
88.9193, 94.6788, 110.8346

Square

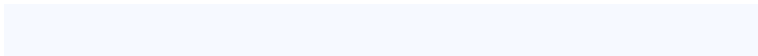
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



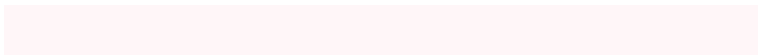
89.6006, 94.6788, 95.2137



87.1958, 94.6788, 104.2081



90.3792, 94.6788, 111.3873



92.8420, 94.6788, 101.9781

Rectangle

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



89.6006, 94.6788, 95.2137



87.5980, 94.6788, 98.8070



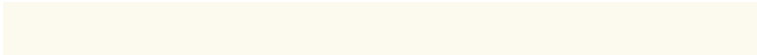
90.3792, 94.6788, 111.3873



92.4238, 94.6788, 107.4932

Sweetspot

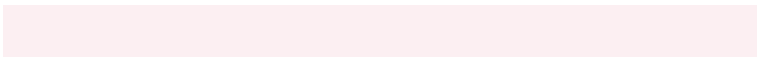
The Sweet Spot groups the original color and five complimentary colors.



89.6032, 94.6829, 95.2157



93.8659, 98.9283, 104.5081



87.0447, 88.8427, 96.5926



20.1036, 21.1860, 22.4150



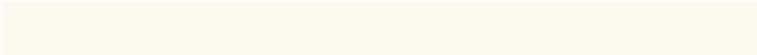
0.0000, 0.0000, 0.0000



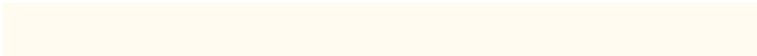
20.3446, 21.4041, 23.3091

Same Dimension

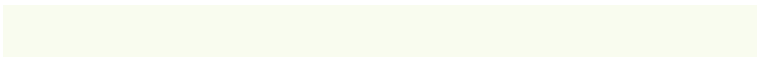
The Same Dimension uses a secret algorithm to generate beautiful new colors.



89.6032, 94.6829, 95.2157



91.5692, 96.8246, 96.0674



89.2925, 95.9083, 95.4686



18.6892, 19.7716, 19.4164



31.0706, 31.0979, 4.3649



2.9572, 3.0393, 0.4308

Inverse Universe

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



84.9195, 88.8821, 104.7770



86.0016, 89.9291, 107.4330



85.2169, 87.7226, 104.5375



17.4323, 18.2149, 21.9823



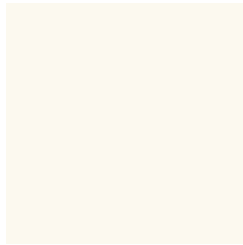
10.0343, 5.4241, 48.4917



1.0061, 0.6559, 4.5168

Previews

White Background



This preview shows how the XYZ color 89.6006, 94.6788, 95.2137 looks on a white background.

Color Contrast Check

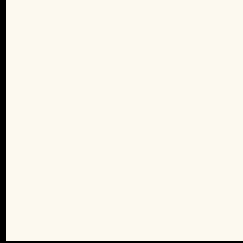
Large Text (above 18pt) WCAG AA × Fail

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 89.6006, 94.6788, 95.2137 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

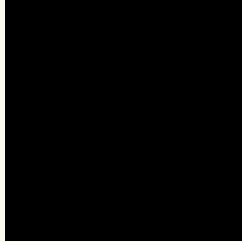
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

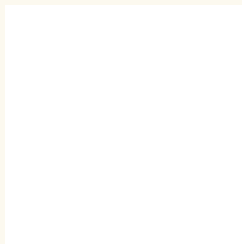
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 89.6006, 94.6788, 95.2137

Background



This preview shows how black text looks on a background with the XYZ color 89.6006, 94.6788, 95.2137.

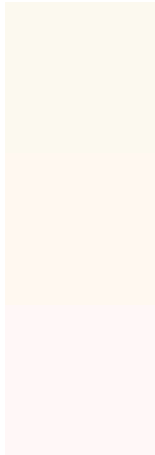


This preview shows how white text looks on a background with the XYZ color 89.6006, 94.6788,

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

89.6006, 94.6788, 95.2137

Protanopia

90.5356, 94.6861, 95.9426

Deuteranopia

91.2893, 94.4969, 101.4240

Tritanopia

91.7623, 95.0503, 108.1179

Trichromacy



Original Color

89.6006, 94.6788, 95.2137

Protanomaly

90.1686, 94.4969, 95.9254

Deuteranomaly

90.7696, 94.7373, 99.0900

Tritanomaly

90.8112, 94.6698, 103.1094

Monochromacy



Original Color

89.6006, 94.6788, 95.2137

Achromatopsia

90.0415, 94.7307, 103.1617

Achromatomaly

89.7815, 94.6679, 99.9269

CSS Examples

Text

The CSS property to change the color of the text to XYZ 89.6006, 94.6788, 95.2137 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(252, 249, 239) looks like.

```
.text, #text, p{  
    color:rgb(252, 249, 239)  
}
```

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(252, 249, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 249, 239) }
```

Border

The CSS property to change the border of an element to XYZ 89.6006, 94.6788, 95.2137 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(252, 249, 239) }
```


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

```
.border{ border-color:rgb(252, 249, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 249, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 249, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 249, 239);  
box-shadow:4px 4px 4px 4px rgb(252, 249,  
239) }
```

Background

The CSS property to change the background color of an element to XYZ 89.6006, 94.6788, 95.2137 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 249, 239) }
```

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

```
.background{ background-color: rgb(252,  
249, 239) }
```

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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