

Converting Colors

XYZ(89.4374, 94.1366, 96.2158)

Have a look what the booklet for
XYZ(89.4374, 94.1366, 96.2158)
contains.

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Color

**XYZ(89.4405, 94.1215,
95.8913)**

Conversions

Conversions Part 1

Format	Color
Hex	FCF8F0
RGB	252, 248, 240
RGB Percent	99%, 97%, 94%
CMY	0.0118, 0.0274, 0.0588
CMYK	0.00, 0.02, 0.05, 0.01
HSL	40°, 67%, 96%
HSV	40°, 5%, 99%
XYZ	89.4405, 94.1215, 95.8913
YIQ	248.2840, 4.9520, -1.6400

Conversions

Conversions Part 2

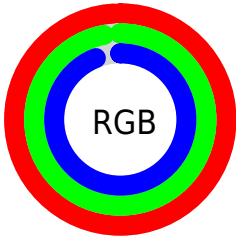
Format	Color
R _Y B	246, 252, 240
Decimal	16578800
CIE Lab	97.68, -0.03, 4.30
CIE LCh	98, 4.295, 90.467
Yxy	94.1215, 0.3201, 0.3368
Android (android.graphics.Color)	4294768880 (0xFFFCF8F0)
YUV	248.2840, -4.0840, 3.2589
Hunter-Lab	97.0162, -5.2170, 9.3089

Details

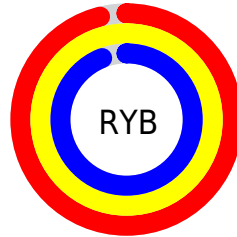
The XYZ color 89.4405, 94.1215, 95.8913 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 85.8566, 90.2537, 104.9924, and the grayscale version is 89.4872, 94.1475, 102.5267.

A 20% lighter version of the original color is 95.0500, 100.0000, 108.9000, and 50.0070, 52.7621, 52.8958 is the 20% darker color. If you saturate the color by 10%, you get 83.4326, 87.6856, 76.6840, and if you desaturate by 10%, it is 93.9555, 99.4357, 108.8488.

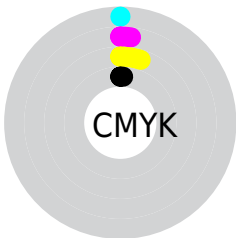
Distribution



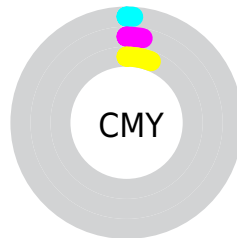
- Red (99%)
- Green (97%)
- Blue (94%)



- Red (96%)
- Yellow (99%)
- Blue (94%)



- Cyan (0%)
- Magenta (2%)
- Yellow (5%)
- Black (1%)





- Cyan (1%)
- Magenta (3%)
- Yellow (6%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 89.4405, 94.1215, 95.8913 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 89.4405, 94.1215, 95.8913 by changing the saturation by 10% instead.


 89.4405, 94.1215,
95.8913

 89.4405, 94.1215,
95.8913


514.4742,
541.3487, 568.0715

 67.8514, 71.4040,
72.2760


145.4433,
153.0504, 157.5016

 50.0501, 52.6720,
52.8960


180.5877,
190.0305, 196.3336

 35.6712, 37.5410,
37.3326


220.9813,
232.5337, 241.0751

 24.3493, 25.6266,
25.1673

266.9894,
280.9443, 292.1444

 15.7191, 16.5445,
15.9816

318.9774,
335.6467, 349.9602

 9.4152, 9.9103,
9.3569

377.3106,

 5.0722, 5.3395,

397.0253, 414.9409

4.8747

442.3544,
465.4645, 487.5052

■ 2.3249, 2.4478,
2.1165

■ 0.8074, 0.8503,
0.6256

■ 89.4405, 94.1215,
95.8913

■ 89.4405, 94.1215,
95.8913

■ 83.4326, 87.6856,
76.6840

■ 93.9555, 99.4357,
108.8488

■ 78.0349, 81.6734,
60.1388

■ 73.2257, 76.0768,
46.1371

■ 68.9790, 70.8829,
34.5494

■ 65.2664, 66.0779,
25.2343

■ 62.0568, 61.6466,
18.0356

■ 59.3151, 57.5725,
12.7775

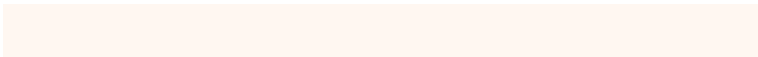
■ 57.0009, 53.8365,
9.2550

■ 55.0648, 50.4162,
7.2166

Harmonies

Analogous

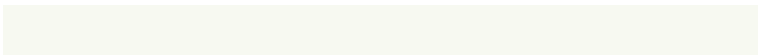
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



90.6244, 94.1215, 96.7310



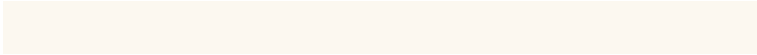
89.4405, 94.1215, 95.8913



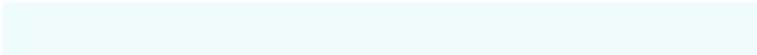
88.2721, 94.1215, 96.7838

Triad

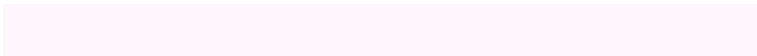
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



89.4405, 94.1215, 95.8913



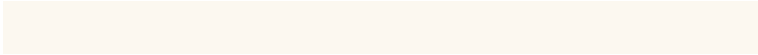
87.4471, 94.1215, 105.9367



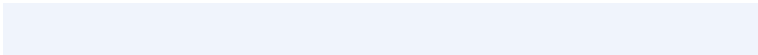
91.5223, 94.1215, 105.8396

Complementary

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



89.4405, 94.1215, 95.8913



85.8566, 90.2537, 104.9924

Split Complementary

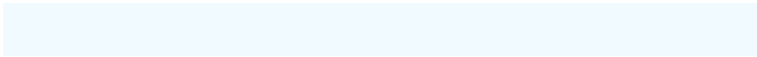
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



90.6579, 94.1215, 108.4002



89.4405, 94.1215, 95.8913



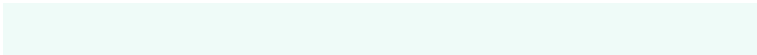
88.3050, 94.1215, 108.4572

Square

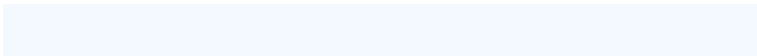
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



89.4405, 94.1215, 95.8913



87.1277, 94.1215, 102.5372



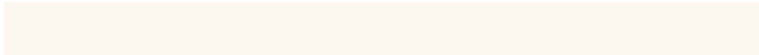
89.4788, 94.1215, 109.3686



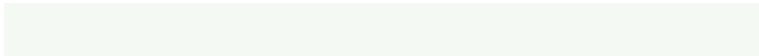
91.8329, 94.1215, 102.4274

Rectangle

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



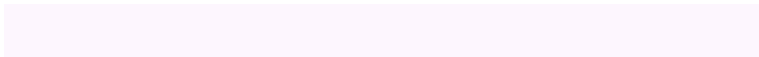
89.4405, 94.1215, 95.8913



87.6574, 94.1215, 98.2531



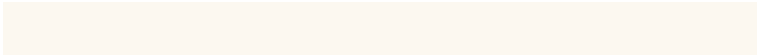
89.4788, 94.1215, 109.3686



91.2864, 94.1215, 106.8312

Sweetspot

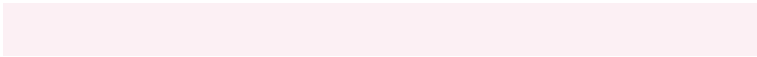
The Sweet Spot groups the original color and five complimentary colors.



89.4431, 94.1256, 95.8933



94.3718, 99.2963, 106.6620



87.6354, 89.5487, 98.2550



20.2066, 21.2609, 22.8536



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

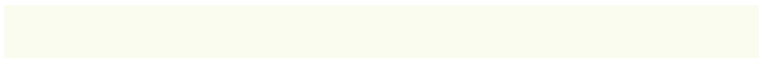
The Same Dimension uses a secret algorithm to generate beautiful new colors.



89.4431, 94.1256, 95.8933



91.0799, 95.8460, 95.9043



89.9643, 96.2375, 96.2735



18.5785, 19.5502, 19.3795



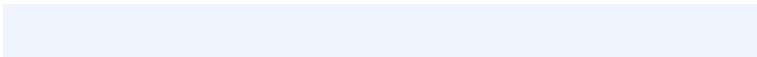
28.3559, 25.6685, 3.4600



2.7236, 2.5721, 0.3529

Inverse Universe

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



85.8566, 90.2537, 104.9924



86.4737, 90.8733, 107.5904



85.3501, 88.2271, 104.6279



17.5386, 18.4276, 22.0178



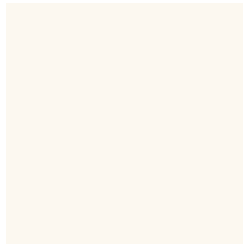
10.9210, 7.1975, 48.7872



1.1046, 0.8528, 4.5496

Previews

White Background



This preview shows how the XYZ color 89.4405, 94.1215, 95.8913 looks on a white background.

Color Contrast Check

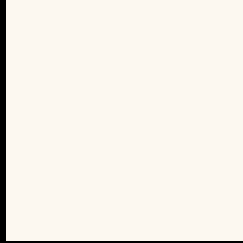
Large Text (above 18pt) WCAG AA × Fail

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 89.4405, 94.1215, 95.8913 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

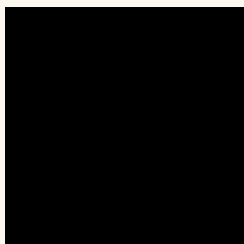
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

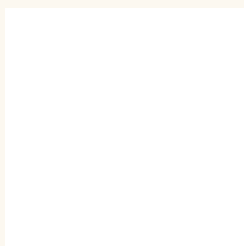
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 89.4405, 94.1215, 95.8913

Background



This preview shows how black text looks on a background with the XYZ color 89.4405, 94.1215, 95.8913.



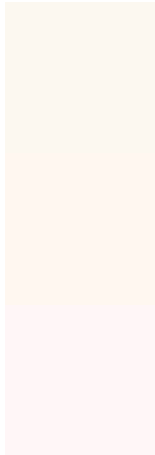
This preview shows how white text looks on a background with the XYZ color 89.4405, 94.1215,

95.813.

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

89.4405, 94.1215, 95.8913

Protanopia

90.2289, 94.0728, 95.8404

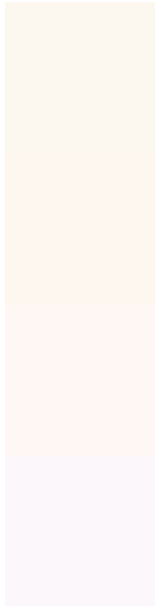
Deuteranopia

90.9843, 93.8869, 101.3223

Tritanopia

91.0944, 94.2508, 107.9988

Trichromacy



Original Color

89.4405, 94.1215, 95.8913

Protanomaly

89.8620, 93.8836, 95.8232

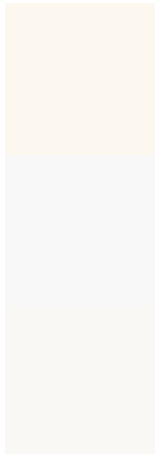
Deuteranomaly

90.4629, 94.1240, 98.9878

Tritanomaly

90.2997, 93.9329, 103.8140

Monochromacy



Original Color

89.4405, 94.1215, 95.8913

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 89.4405, 94.1215, 95.8913 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, 248, 240) looks like.

```
.text, #text, p{  
    color:rgb(252, 248, 240)  
}
```

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, 248, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 248, 240) }
```

Border

The CSS property to change the border of an element to XYZ 89.4405, 94.1215, 95.8913 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, 248, 240) }
```


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

```
.border{ border-color:rgb(252, 248, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 248, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 248, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 248, 240);  
box-shadow:4px 4px 4px 4px rgb(252, 248,  
240) }
```

Background

The CSS property to change the background color of an element to XYZ 89.4405, 94.1215, 95.8913 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 248, 240) }
```

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

```
.background{ background-color: rgb(252,  
248, 240) }
```

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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