

Converting Colors

XYZ(109.0668, 99.8196,
100.0742)

Have a look what the booklet for
XYZ(109.0668, 99.8196, 100.0742)
contains.

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Color

**XYZ(88.2960, 89.0016,
98.9115)**

Conversions

Conversions Part 1

Format	Color
Hex	FFEEF5
RGB	255, 238, 245
RGB Percent	100%, 93%, 96%
CMY	0.0000, 0.0666, 0.0392
CMYK	0.00, 0.07, 0.04, 0.00
HSL	335°, 100%, 97%
HSV	335°, 7%, 100%
XYZ	88.2960, 89.0016, 98.9115
YIQ	243.8810, 7.8850, 5.7810

Conversions

Conversions Part 2

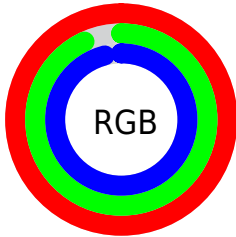
Format	Color
R_{YB}	255, 238, 245
Decimal	16772853
CIE _{Lab}	95.58, 6.92, -1.32
CIE _{LCh}	96, 7.041, 349.220
Yxy	89.0016, 0.3197, 0.3222
Android (android.graphics.Color)	4294962933 (0xFFFFEEF5)
YUV	243.8810, 0.5517, 9.7514
Hunter-Lab	94.3407, 1.9669, 3.8758

Details

The XYZ color **88.2960, 89.0016, 98.9115** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **87.9658, 96.4757, 102.7958**, and the grayscale version is **85.8870, 90.3598, 98.4018**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **49.2020, 49.1358, 55.0350** is the 20% darker color. If you saturate the color by 10%, you get **79.1929, 74.3134, 85.0320**, and if you desaturate by 10%, it is **95.0500, 100.0000, 108.9000**.

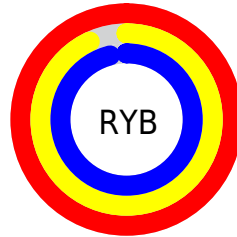
Distribution



Red (100%)

Green (93%)

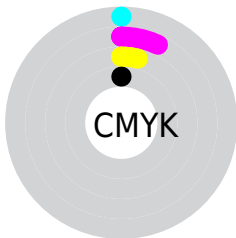
Blue (96%)



Red (100%)

Yellow (93%)

Blue (96%)

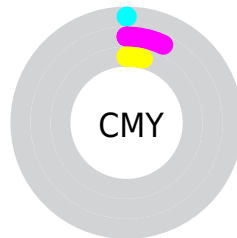


Cyan (0%)

Magenta (7%)

Yellow (4%)

Black (0%)



Cyan (0%)


Magenta (7%)


Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 88.2960, 89.0016, 98.9115 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 88.2960, 89.0016, 98.9115 by changing the saturation by 10% instead.


 88.2960, 89.0016,
98.9115

 88.2960, 89.0016,
98.9115


510.7930,
524.7777, 577.9140

 66.8998, 67.1529,
74.7800

143.8596,
145.9508, 161.6993

 49.2736, 49.2089,
54.9320


178.7578,
181.8201, 201.1927

 35.0520, 34.7852,
38.9491


218.8873,
223.1316, 246.6439

 23.8697, 23.4975,
26.4126

264.6135,
270.2699, 298.4712

 15.3612, 14.9613,
16.9040

316.3019,
323.6192, 357.0934

 9.1612, 8.7922,
10.0048

374.3177,

 4.9044, 4.6059,

383.5640, 422.9289

5.2965

439.0262,
450.4887, 496.3962

■ 2.2255, 2.0179,
2.3605

■ 0.7561, 0.6179,
0.7648

■ 88.2960, 89.0016,
98.9115

■ 88.2960, 89.0016,
98.9115

■ 79.1929, 74.3134,
85.0320

95.0500, 100.0000,
108.9000

■ 71.2768, 61.7092,
72.4417

■ 64.4980, 51.0967,
61.1027

■ 58.8009, 42.3724,
50.9732

■ 54.1252, 35.4232,
42.0088

■ 50.4041, 30.1240,
34.1616

■ 47.5624, 26.3331,
27.3800

■ 45.5125, 23.8845,
21.6065

■ 44.1455, 22.5699,
16.7749

Harmonies

Analogous

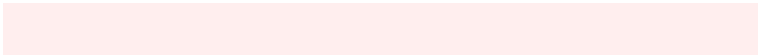
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



87.4381, 89.0016, 104.0252



88.2960, 89.0016, 98.9115



88.1505, 89.0016, 93.4467

Triad

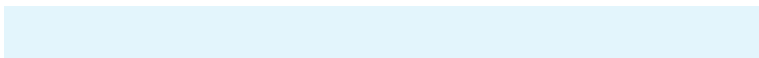
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



88.2960, 89.0016, 98.9115



83.3761, 89.0016, 87.2031



82.1897, 89.0016, 105.1905

Complementary

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



88.2960, 89.0016, 98.9115



87.9658, 96.4757, 102.7958

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.



81.1333, 89.0016, 100.4529



88.2960, 89.0016, 98.9115



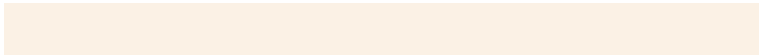
81.8110, 89.0016, 90.1223

Square

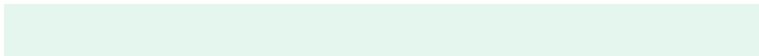
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



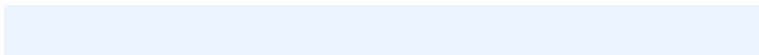
88.2960, 89.0016, 98.9115



85.2902, 89.0016, 86.8259



80.9957, 89.0016, 94.9310



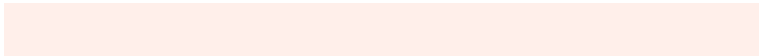
83.9003, 89.0016, 107.7410

Rectangle

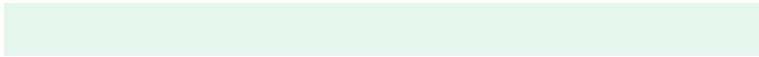
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



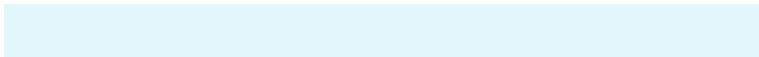
88.2960, 89.0016, 98.9115



87.5046, 89.0016, 90.3339



80.9957, 89.0016, 94.9310



81.7474, 89.0016, 103.7927

Sweetspot

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



88.2979, 89.0052, 98.9134



92.9651, 96.5973, 105.8404



87.3090, 88.3142, 107.0524



19.9202, 20.7114, 22.6864



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

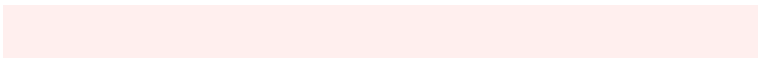
The Same Dimension uses a secret algorithm to generate beautiful new colors.



88.2979, 89.0052, 98.9134



87.0113, 86.9188, 96.9833



87.6637, 89.4138, 93.5317



18.3194, 18.1111, 20.2991



22.9502, 11.6694, 8.3884



2.2873, 1.1573, 1.0944

Inverse Universe

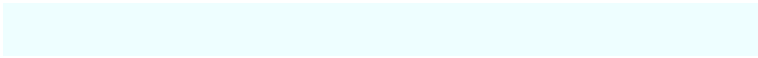
The Inverse Universe completely reimagines the original color for something new.



88.2979, 89.0052, 98.9134



87.0113, 86.9188, 96.9833



88.6217, 96.0179, 108.4702



18.3194, 18.1111, 20.2991



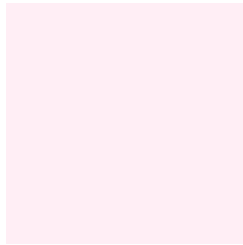
22.9502, 11.6694, 8.3884



2.2873, 1.1573, 1.0944

Previews

White Background



This preview shows how the XYZ color 88.2960, 89.0016, 98.9115 looks on a white background.

Color Contrast Check

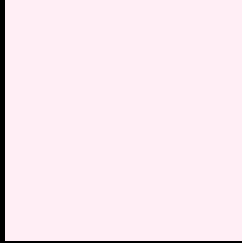
Large Text (above 18pt) WCAG AA × Fail

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 88.2960, 89.0016, 98.9115 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

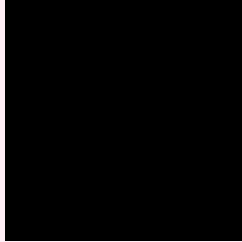
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 88.2960, 89.0016, 98.9115

Background



This preview shows how black text looks on a background with the XYZ color 88.2960, 89.0016, 98.9115.

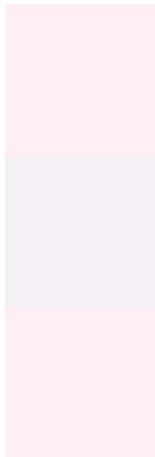


This preview shows how white text looks on a background with the XYZ color 88.2960, 89.0016,

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

88.2960, 89.0016, 98.9115

Protanopia

85.9000, 89.0385, 100.6544

Deuteranopia

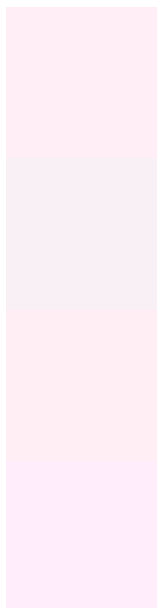
88.1437, 88.9407, 98.1096



Tritanopia

89.4136, 88.9841, 106.2290

Trichromacy



Original Color

88.2960, 89.0016, 98.9115

Protanomaly

86.8616, 89.1137, 99.8114

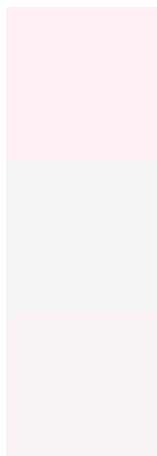
Deuteranomaly

88.1437, 88.9407, 98.1096

Tritanomaly

88.9368, 88.7934, 103.7182

Monochromacy



Original Color

88.2960, 89.0016, 98.9115

Achromatopsia

85.9880, 90.4661, 98.5176

Achromatomaly

86.7927, 89.9924, 98.3838

CSS Examples

Text

The CSS property to change the color of the text to XYZ 88.2960, 89.0016, 98.9115 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(255, 238, 245) looks like.

```
.text, #text, p{  
    color:rgb(255, 238, 245)  
}
```

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(255, 238, 245) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 238, 245) }
```

Border

The CSS property to change the border of an element to XYZ 88.2960, 89.0016, 98.9115 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(255, 238, 245) }
```


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

```
.border{ border-color:rgb(255, 238, 245) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 238, 245)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 238, 245); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 238, 245);  
box-shadow:4px 4px 4px 4px rgb(255, 238,  
245) }
```

Background

The CSS property to change the background color of an element to XYZ 88.2960, 89.0016, 98.9115 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 238, 245) }
```

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

```
.background{ background-color: rgb(255,  
238, 245) }
```

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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