

Converting Colors

XYZ(89.1958, 89.8436,
102.1639)

Have a look what the booklet for
XYZ(89.1958, 89.8436, 102.1639)
contains.

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Color

**XYZ(89.2054, 89.8326,
102.2603)**

Conversions

Conversions Part 1

Format	Color
Hex	FFEFF9
RGB	255, 239, 249
RGB Percent	100%, 94%, 98%
CMY	0.0000, 0.0627, 0.0235
CMYK	0.00, 0.06, 0.02, 0.00
HSL	323°, 100%, 97%
HSV	323°, 6%, 100%
XYZ	89.2054, 89.8326, 102.2603
YIQ	244.9240, 6.3260, 6.5020

Conversions

Conversions Part 2

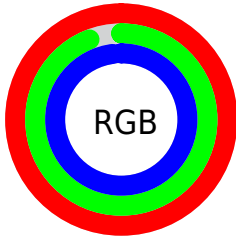
Format	Color
R_{YB}	255, 239, 249
Decimal	16773113
CIE Lab	95.93, 7.09, -2.88
CIE LCh	96, 7.657, 337.891
Yxy	89.8326, 0.3171, 0.3193
Android (android.graphics.Color)	4294963193 (0xFFFEFF9)
YUV	244.9240, 2.0095, 8.8367
Hunter-Lab	94.7801, 2.1361, 2.3768

Details

The XYZ color **89.2054, 89.8326, 102.2603** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **87.8408, 96.4646, 100.3796**, and the grayscale version is **86.7126, 91.2285, 99.3478**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **49.8478, 49.7230, 57.4223** is the 20% darker color. If you saturate the color by 10%, you get **80.8065, 75.3614, 92.2883**, and if you desaturate by 10%, it is **95.0500, 100.0000, 108.9000**.

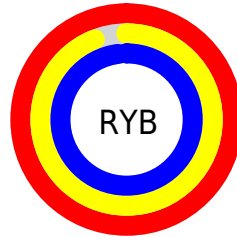
Distribution



Red (100%)

Green (94%)

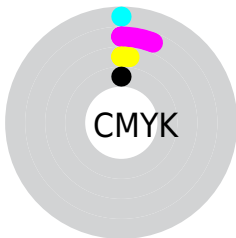
Blue (98%)



Red (100%)

Yellow (94%)

Blue (98%)

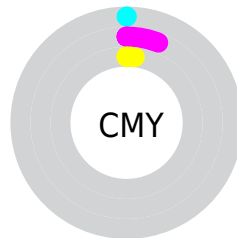


Cyan (0%)

Magenta (6%)

Yellow (2%)

Black (0%)



Cyan (0%)


Magenta (6%)


Yellow (2%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 89.2054, 89.8326, 102.2603 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 89.2054, 89.8326, 102.2603 by changing the saturation by 10% instead.


 89.2054, 89.8326,
102.2603

 89.2054, 89.8326,
102.2603


513.7192,
527.4862, 588.7238

 67.6559, 67.8418,
77.5622


145.1181,
147.1058, 166.3388

 49.8905, 49.7691,
57.2001


180.2121,
183.1571, 206.5562

 35.5438, 35.2299,
40.7555


220.5515,
224.6639, 252.7839

 24.2506, 23.8400,
27.8098

266.5019,
272.0108, 305.4402

 15.6453, 15.2150,
17.9445

318.4285,
325.5821, 364.9439

 9.3628, 8.9704,
10.7411

376.6966,

 5.0376, 4.7219,

385.7621, 431.7133

5.7811

441.6717,
452.9353, 506.1671

■ 2.3043, 2.0850,
2.6458

■ 0.7969, 0.6562,
0.9160

■ 89.2054, 89.8326,
102.2603

■ 89.2054, 89.8326,
102.2603

■ 80.8065, 75.3614,
92.2883

95.0500, 100.0000,
108.9000

■ 73.4898, 62.9351,
83.0448

■ 67.2091, 52.4631,
74.5103

■ 61.9127, 43.8435,
66.6615

■ 57.5441, 36.9653,
59.4738

■ 54.0406, 31.7055,
52.9203

■ 51.3318, 27.9247,
46.9711

■ 49.3350, 25.4600,
41.5924

■ 47.9477, 24.1082,
36.7433

Harmonies

Analogous

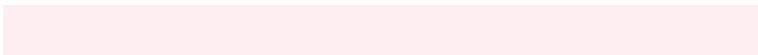
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



87.9045, 89.8326, 107.2917



89.2054, 89.8326, 102.2603



89.4738, 89.8326, 96.2226

Triad

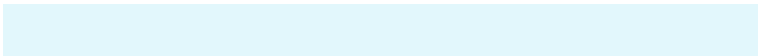
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



89.2054, 89.8326, 102.2603



84.8262, 89.8326, 86.7268



82.2148, 89.8326, 105.1390

Complementary

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



89.2054, 89.8326, 102.2603



87.8408, 96.4646, 100.3796

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.



81.4192, 89.8326, 99.4197



89.2054, 89.8326, 102.2603



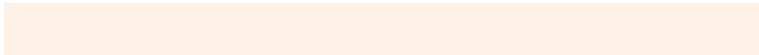
82.9106, 89.8326, 88.9086

Square

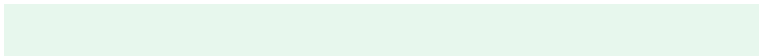
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



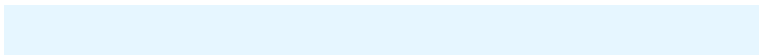
89.2054, 89.8326, 102.2603



86.9225, 89.8326, 87.4170



81.6718, 89.8326, 93.4954



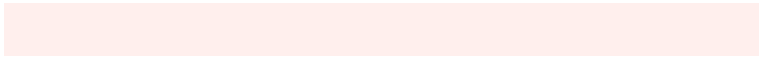
83.8622, 89.8326, 109.0010

Rectangle

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



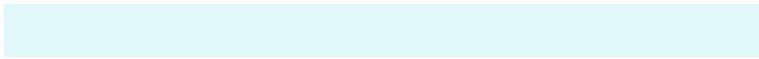
89.2054, 89.8326, 102.2603



89.0271, 89.8326, 92.4662



81.6718, 89.8326, 93.4954



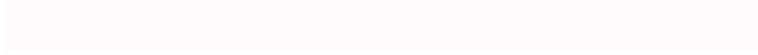
81.8401, 89.8326, 103.3608

Sweetspot

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



89.2074, 89.8362, 102.2622



93.1381, 96.6665, 106.7510



86.5293, 88.3457, 107.0996



19.9554, 20.7255, 22.8717



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

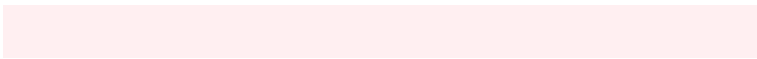
The Same Dimension uses a secret algorithm to generate beautiful new colors.



89.2074, 89.8362, 102.2622



87.6764, 87.1848, 100.4857



88.0062, 89.3557, 95.9366



18.4869, 18.1781, 21.1809



24.9101, 12.4533, 18.7087



2.4784, 1.2337, 2.1008

Inverse Universe

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



89.2074, 89.8362, 102.2622



87.6764, 87.1848, 100.4857



89.0672, 96.9552, 106.8377



18.4869, 18.1781, 21.1809



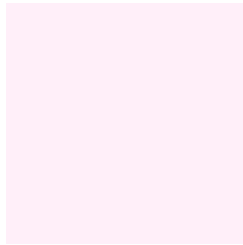
24.9101, 12.4533, 18.7087



2.4784, 1.2337, 2.1008

Previews

White Background



This preview shows how the XYZ color 89.2054, 89.8326, 102.2603 looks on a white background.

Color Contrast Check

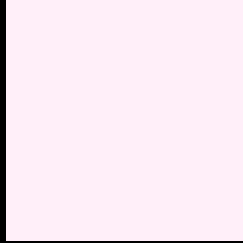
Large Text (above 18pt) WCAG AA × Fail

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 89.2054, 89.8326, 102.2603 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

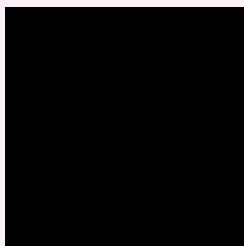
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 89.2054, 89.8326, 102.2603

Background



This preview shows how black text looks on a background with the XYZ color 89.2054, 89.8326, 102.2603.

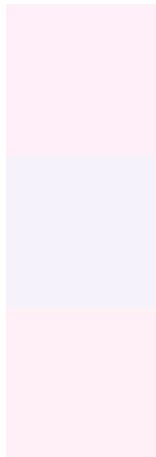


This preview shows how white text looks on a background with the XYZ color 89.2054, 89.8326,

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

89.2054, 89.8326, 102.2603

Protanopia

86.8209, 89.8818, 104.0398

Deuteranopia

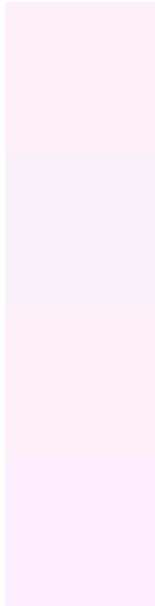
88.8950, 89.7084, 100.6259



Tritanopia

89.8645, 89.6291, 107.1715

Trichromacy



Original Color

89.2054, 89.8326, 102.2603

Protanomaly

87.7775, 89.9525, 103.1787

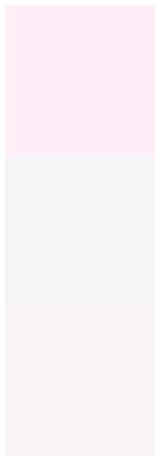
Deuteranomaly

89.0498, 89.7703, 101.4409

Tritanomaly

89.5442, 89.5009, 105.4844

Monochromacy



Original Color

89.2054, 89.8326, 102.2603

Achromatopsia

86.7900, 91.3099, 99.4364

Achromatomaly

87.7521, 90.8947, 100.1082

CSS Examples

Text

The CSS property to change the color of the text to XYZ 89.2054, 89.8326, 102.2603 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, 239, 249)` looks like.

```
.text, #text, p{  
    color:rgb(255, 239, 249)  
}
```

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, 239, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 239, 249) }
```

Border

The CSS property to change the border of an element to XYZ 89.2054, 89.8326, 102.2603 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, 239, 249) }
```


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

```
.border{ border-color:rgb(255, 239, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 239, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 239, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 239, 249);  
box-shadow:4px 4px 4px 4px rgb(255, 239,  
249) }
```

Background

The CSS property to change the background color of an element to XYZ 89.2054, 89.8326, 102.2603 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 239, 249) }
```

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

```
.background{ background-color: rgb(255,  
239, 249) }
```

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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