

Converting Colors

XYZ(108.5321, 100.0000,
101.9420)

Have a look what the booklet for
XYZ(108.5321, 100.0000, 101.9420)
contains.

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Color

**XYZ(88.8950, 89.7084,
100.6259)**

Conversions

Conversions Part 1

Format	Color
Hex	FFEFF7
RGB	255, 239, 247
RGB Percent	100%, 94%, 97%
CMY	0.0000, 0.0627, 0.0314
CMYK	0.00, 0.06, 0.03, 0.00
HSL	330°, 100%, 97%
HSV	330°, 6%, 100%
XYZ	88.8950, 89.7084, 100.6259
YIQ	244.6960, 6.9680, 5.8800

Conversions

Conversions Part 2

Format	Color
R_{YB}	255, 239, 247
Decimal	16773111
CIE _{Lab}	95.88, 6.75, -1.92
CIE _{LCh}	96, 7.016, 344.104
Yxy	89.7084, 0.3184, 0.3213
Android (android.graphics.Color)	4294963191 (0xFFFFE7F7)
YUV	244.6960, 1.1359, 9.0366
Hunter-Lab	94.7145, 1.7821, 3.3097

Details

The XYZ color **88.8950, 89.7084, 100.6259** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **88.1478, 96.5874, 101.9965**, and the grayscale version is **86.5359, 91.0425, 99.1453**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **49.6262, 49.6343, 56.2550** is the 20% darker color. If you saturate the color by 10%, you get **80.0489, 75.0583, 88.2987**, and if you desaturate by 10%, it is **95.0500, 100.0000, 108.9000**.

Distribution



Red (100%)

Green (94%)

Blue (97%)



Red (100%)

Yellow (94%)

Blue (97%)



Cyan (0%)

Magenta (6%)

Yellow (3%)

Black (0%)



Cyan (0%)


Magenta (6%)


Yellow (3%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 88.8950, 89.7084, 100.6259 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 88.8950, 89.7084, 100.6259 by changing the saturation by 10% instead.


 88.8950, 89.7084,
100.6259

 88.8950, 89.7084,
100.6259

512.7214,
527.0818, 583.4613

 67.3978, 67.7388,
76.2036


144.6887,
146.9333, 164.0764

 49.6798, 49.6853,
56.0918


179.7159,
182.9574, 203.9417

 35.3758, 35.1634,
39.8720

219.9838,
224.4351, 249.7917

 24.1204, 23.7888,
27.1258

265.8578,
271.7508, 302.0449

 15.5482, 15.1770,
17.4344

317.7032,
325.2890, 361.1200

 9.2938, 8.9437,
10.3795

375.8853,

 4.9920, 4.7045,

385.4339, 427.4353

5.5424

440.7696,
452.5701, 501.4096

■ 2.2773, 2.0749,
2.5046

■ 0.7830, 0.6505,
0.8426

■ 88.8950, 89.7084,
100.6259

■ 88.8950, 89.7084,
100.6259

■ 80.0489, 75.0583,
88.2987

95.0500, 100.0000,
108.9000

■ 72.3420, 62.4760,
77.0009

■ 65.7268, 51.8701,
66.7042

■ 60.1495, 43.1382,
57.3768

■ 55.5522, 36.1686,
48.9847

■ 51.8703, 30.8374,
41.4915

■ 49.0314, 27.0046,
34.8573

■ 46.9509, 24.5063,
29.0375

■ 45.5240, 23.1387,
23.9802

Harmonies

Analogous

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



87.8817, 89.7084, 105.5330



88.8950, 89.7084, 100.6259



88.9260, 89.7084, 95.1028

Triad

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



88.8950, 89.7084, 100.6259



84.3614, 89.7084, 87.6998



82.6204, 89.7084, 105.2849

Complementary

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



88.8950, 89.7084, 100.6259



88.1478, 96.5874, 101.9965

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.



81.7062, 89.7084, 100.2977



88.8950, 89.7084, 100.6259



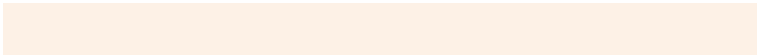
82.7010, 89.7084, 90.2213

Square

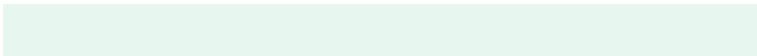
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



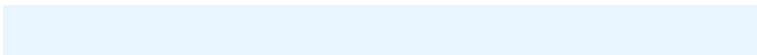
88.8950, 89.7084, 100.6259



86.2886, 89.7084, 87.7801



81.7355, 89.7084, 94.7867



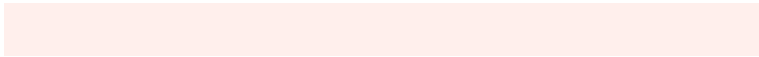
84.2498, 89.7084, 108.2915

Rectangle

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



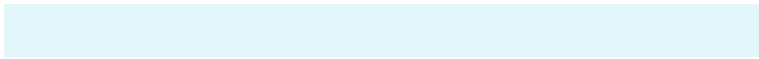
88.8950, 89.7084, 100.6259



88.3842, 89.7084, 91.8218



81.7355, 89.7084, 94.7867



82.2203, 89.7084, 103.7764

Sweetspot

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



88.8970, 89.7120, 100.6278



93.0366, 96.6259, 106.2165



87.2771, 88.7312, 107.1346



19.9348, 20.7173, 22.7630



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

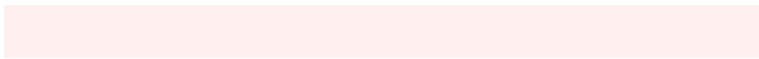
The Same Dimension uses a secret algorithm to generate beautiful new colors.



88.8970, 89.7120, 100.6278



87.2846, 87.0281, 98.4226



87.6891, 89.2289, 94.2672



18.3881, 18.1386, 20.6610



23.6422, 11.9462, 12.0320



2.3571, 1.1852, 1.4618

Inverse Universe

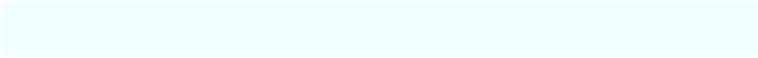
The Inverse Universe completely reimagines the original color for something new.



88.8970, 89.7120, 100.6278



87.2846, 87.0281, 98.4226



89.4086, 97.0918, 108.6360



18.3881, 18.1386, 20.6610



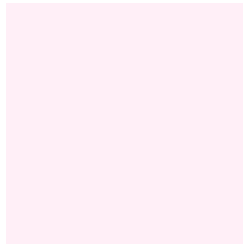
23.6422, 11.9462, 12.0320



2.3571, 1.1852, 1.4618

Previews

White Background



This preview shows how the XYZ color 88.8950, 89.7084, 100.6259 looks on a white background.

Color Contrast Check

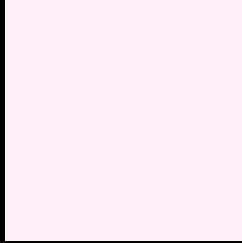
Large Text (above 18pt) WCAG AA × Fail

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 88.8950, 89.7084, 100.6259 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

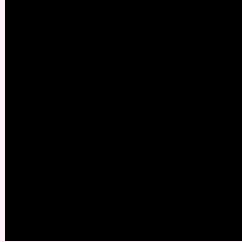
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 88.8950, 89.7084, 100.6259

Background



This preview shows how black text looks on a background with the XYZ color 88.8950, 89.7084, 100.6259.



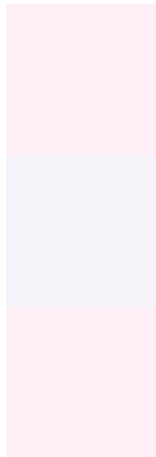
This preview shows how white text looks on a background with the XYZ color 88.8950, 89.7084,

100.6259.

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

88.8950, 89.7084, 100.6259

Protanopia

86.8570, 89.9366, 102.4042

Deuteranopia

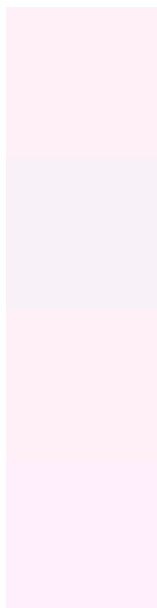
88.7411, 89.6468, 99.8152



Tritanopia

89.8645, 89.6291, 107.1715

Trichromacy



Original Color

88.8950, 89.7084, 100.6259

Protanomaly

87.4655, 89.8276, 101.5355

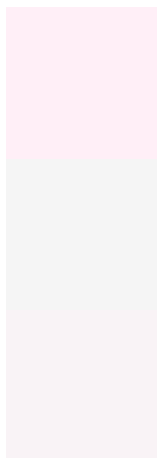
Deuteranomaly

88.7411, 89.6468, 99.8152

Tritanomaly

89.3852, 89.4373, 104.6475

Monochromacy



Original Color

88.8950, 89.7084, 100.6259

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 88.8950, 89.7084, 100.6259 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, 247)` looks like.

```
.text, #text, p{  
    color:rgb(255, 239, 247)  
}
```

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, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 239, 247) }
```

Border

The CSS property to change the border of an element to XYZ 88.8950, 89.7084, 100.6259 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, 247) }
```


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

```
.border{ border-color:rgb(255, 239, 247) }
```

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, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 239, 247); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 239, 247); box-shadow:4px 4px 4px 4px rgb(255, 239, 247) }
```

Background

The CSS property to change the background color of an element to XYZ 88.8950, 89.7084, 100.6259 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, 247) }
```

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

```
.background{ background-color: rgb(255,  
239, 247) }
```

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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