

Converting Colors

XYZ(98.9239, 94.1937,
106.5426)

Have a look what the booklet for
XYZ(98.9239, 94.1937, 106.5426)
contains.

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Color

**XYZ(89.7039, 89.5648,
106.3258)**

Conversions

Conversions Part 1

Format	Color
Hex	FFEEFE
RGB	255, 238, 254
RGB Percent	100%, 93%, 100%
CMY	0.0000, 0.0666, 0.0039
CMYK	0.00, 0.07, 0.00, 0.00
HSL	304°, 100%, 97%
HSV	304°, 7%, 100%
XYZ	89.7039, 89.5648, 106.3258
YIQ	244.9070, 4.9960, 8.5800

Conversions

Conversions Part 2

Format	Color
R _Y B	255, 238, 254
Decimal	16772862
CIE Lab	95.82, 8.48, -5.64
CIE LCh	96, 10.185, 326.405
Yxy	89.5648, 0.3141, 0.3136
Android (android.graphics.Color)	4294962942 (0xFFFFE0FE)
YUV	244.9070, 4.4828, 8.8516
Hunter-Lab	94.6387, 3.5747, -0.3648

Details

The XYZ color **89.7039, 89.5648, 106.3258** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **86.6025, 95.9304, 95.6166**, and the grayscale version is **86.6804, 91.1946, 99.3109**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **50.0947, 49.4929, 59.7361** is the 20% darker color. If you saturate the color by 10%, you get **82.5608, 75.6606, 102.7669**, and if you desaturate by 10%, it is **95.0500, 100.0000, 108.9000**.

Distribution



- Red (100%)
- Green (93%)
- Blue (100%)



- Red (100%)
- Yellow (93%)
- Blue (100%)



- Cyan (0%)
- Magenta (7%)
- Yellow (0%)
- Black (0%)



- Cyan (0%)
- Magenta (7%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 89.7039, 89.5648, 106.3258 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 89.7039, 89.5648, 106.3258 by changing the saturation by 10% instead.

89.7039, 89.5648,
106.3258

89.7039, 89.5648,
106.3258

515.3194,
526.6141, 601.7080

68.0706, 67.6197,
80.9477

145.8075,
146.7337, 171.9509

50.2290, 49.5884,
59.9678

181.0084,
182.7264, 213.0349

35.8139, 35.0865,
42.9675

221.4626,
224.1704, 260.1913

24.4600, 23.7295,
29.5284

267.5353,
271.4501, 313.8387

15.8018, 15.1331,
19.2319

319.5920,
324.9500, 374.3954

9.4739, 8.9128,
11.6595

377.9981,

5.1112, 4.6844,

385.0543, 442.2802

6.3925

443.1187,
452.1476, 517.9116

■ 2.3481, 2.0633,
3.0126

■ 0.8191, 0.6439,
1.1011

■ 89.7039, 89.5648,
106.3258

■ 89.7039, 89.5648,
106.3258

■ 82.5608, 75.6606,
102.7669

95.0500, 100.0000,
108.9000

■ 76.4250, 63.7685,
99.5518

■ 71.2516, 53.7982,
96.6668

■ 66.9897, 45.6479,
94.0947

■ 63.5838, 39.2066,
91.8172

■ 60.9724, 34.3513,
89.8136

■ 59.0857, 30.9424,
88.0608

■ 57.8418, 28.8162,
86.5313

■ 57.1377, 27.7668,
85.1909

Harmonies

Analogous

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



87.5515, 89.5648, 112.0306



89.7039, 89.5648, 106.3258



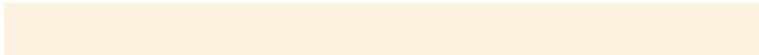
90.6295, 89.5648, 98.4932

Triad

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



89.7039, 89.5648, 106.3258



85.4675, 89.5648, 82.8935



80.3856, 89.5648, 104.5576

Complementary

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



89.7039, 89.5648, 106.3258



86.6025, 95.9304, 95.6166

Split Complementary

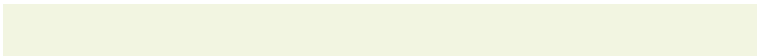
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



79.8550, 89.5648, 96.5550



89.7039, 89.5648, 106.3258



82.7509, 89.5648, 84.3214

Square

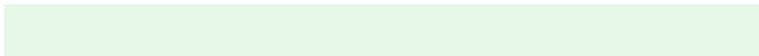
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



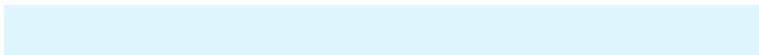
89.7039, 89.5648, 106.3258



88.1500, 89.5648, 85.2040



80.7117, 89.5648, 89.2159



82.1772, 89.5648, 110.9710

Rectangle

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



89.7039, 89.5648, 106.3258



90.4117, 89.5648, 93.2201



80.7117, 89.5648, 89.2159



80.0555, 89.5648, 101.9518

Sweetspot

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



89.7059, 89.5684, 106.3277



93.3963, 96.7698, 108.1110



84.1741, 86.6981, 106.9057



20.0080, 20.7465, 23.1485



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.



89.7059, 89.5684, 106.3277



88.6916, 87.5909, 105.8316



88.3976, 89.0451, 99.4383



18.7439, 18.2809, 22.5343



29.7885, 14.4047, 44.3981



2.9139, 1.4079, 4.3938

Inverse Universe

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



89.7059, 89.5684, 106.3277



88.6916, 87.5909, 105.8316



87.8649, 96.4354, 102.2642



18.7439, 18.2809, 22.5343



29.7885, 14.4047, 44.3981



2.9139, 1.4079, 4.3938

Previews

White Background



This preview shows how the XYZ color 89.7039, 89.5648, 106.3258 looks on a white background.

Color Contrast Check

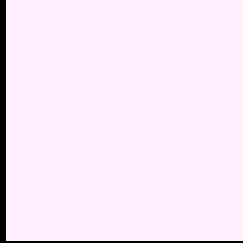
Large Text (above 18pt) WCAG AA × Fail

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 89.7039, 89.5648, 106.3258 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

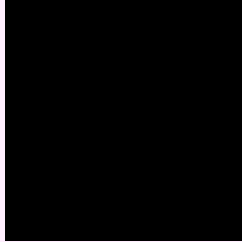
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 89.7039, 89.5648, 106.3258

Background



This preview shows how black text looks on a background with the XYZ color 89.7039, 89.5648, 106.3258.



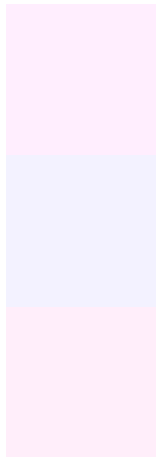
This preview shows how white text looks on a background with the XYZ color 89.7039, 89.5648,

106.3258.

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

89.7039, 89.5648, 106.3258

Protanopia

86.7643, 89.7789, 107.3638

Deuteranopia

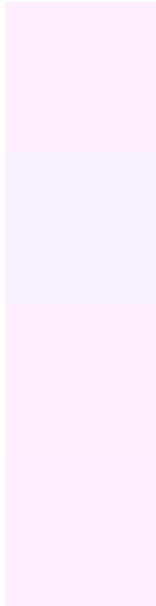
89.0699, 89.3112, 102.9868



Tritanopia

89.4976, 89.4399, 107.1543

Trichromacy



Original Color

89.7039, 89.5648, 106.3258

Protanomaly

87.8631, 89.9048, 107.3302

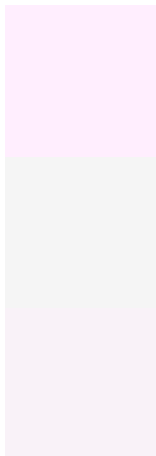
Deuteranomaly

89.2271, 89.3741, 103.8149

Tritanomaly

89.4976, 89.4399, 107.1543

Monochromacy



Original Color

89.7039, 89.5648, 106.3258

Achromatopsia

86.7900, 91.3099, 99.4364

Achromatomaly

87.7623, 90.4213, 101.6344

CSS Examples

Text

The CSS property to change the color of the text to XYZ 89.7039, 89.5648, 106.3258 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, 254)` looks like.

```
.text, #text, p{  
    color:rgb(255, 238, 254)  
}
```

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, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 238, 254) }
```

Border

The CSS property to change the border of an element to XYZ 89.7039, 89.5648, 106.3258 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, 254) }
```


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

```
.border{ border-color:rgb(255, 238, 254) }
```

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, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 238, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 238, 254);  
box-shadow:4px 4px 4px 4px rgb(255, 238,  
254) }
```

Background

The CSS property to change the background color of an element to XYZ 89.7039, 89.5648, 106.3258 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, 254) }
```

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

```
.background{ background-color: rgb(255,  
238, 254) }
```

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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