

Converting Colors

XYZ(88.7466, 89.6178, 99.9407)

Have a look what the booklet for XYZ(88.7466, 89.6178, 99.9407) contains.

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Color

**XYZ(88.7411, 89.6468,
99.8152)**

Conversions

Conversions Part 1

Format	Color
Hex	FFEFF6
RGB	255, 239, 246
RGB Percent	100%, 94%, 96%
CMY	0.0000, 0.0627, 0.0353
CMYK	0.00, 0.06, 0.04, 0.00
HSL	334°, 100%, 97%
HSV	334°, 6%, 100%
XYZ	88.7411, 89.6468, 99.8152
YIQ	244.5820, 7.2890, 5.5690

Conversions

Conversions Part 2

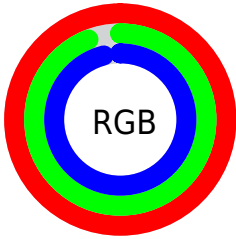
Format	Color
RYB	255, 239, 246
Decimal	16773110
CIELab	95.85, 6.58, -1.44
CIElCh	96, 6.732, 347.637
Yxy	89.6468, 0.3190, 0.3222
Android (android.graphics.Color)	4294963190 (0xFFFFE6F6)
YUV	244.5820, 0.6991, 9.1366
Hunter-Lab	94.6820, 1.6064, 3.7730

Details

The XYZ color **88.7411, 89.6468, 99.8152** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **88.3025, 96.6493, 102.8115**, and the grayscale version is **86.4476, 90.9496, 99.0441**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **49.5165, 49.5904, 55.6773** is the 20% darker color. If you saturate the color by 10%, you get **79.6783, 74.9100, 86.3470**, and if you desaturate by 10%, it is **95.0500, 100.0000, 108.9000**.

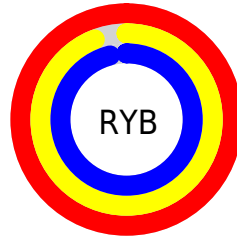
Distribution



Red (100%)

Green (94%)

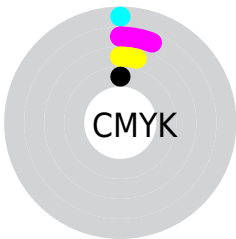
Blue (96%)



Red (100%)

Yellow (94%)

Blue (96%)

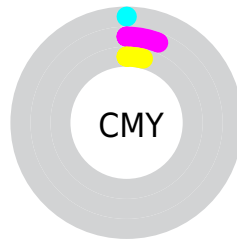


Cyan (0%)

Magenta (6%)

Yellow (4%)

Black (0%)



Cyan (0%)


Magenta (6%)


Yellow (4%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 88.7411, 89.6468, 99.8152 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 88.7411, 89.6468, 99.8152 by changing the saturation by 10% instead.

 88.7411, 89.6468,
99.8152

 88.7411, 89.6468,
99.8152


512.2263,
526.8812, 580.8416

 67.2698, 67.6877,
75.5302


144.4757,
146.8477, 162.9529

 49.5754, 49.6437,
55.5430


179.4698,
182.8583, 202.6426

 35.2926, 35.1304,
39.4351

219.7022,
224.3216, 248.3043

 24.0559, 23.7633,
26.7879

265.5383,
271.6218, 300.3566

 15.5001, 15.1582,
17.1830

317.3433,
325.1436, 359.2179

 9.2597, 8.9305,
10.2017

375.4828,

 4.9694, 4.6959,

385.2711, 425.3068

5.4256

440.3220,
452.3889, 499.0419

■ 2.2639, 2.0699,
2.4360

■ 0.7761, 0.6476,
0.8059

■ 88.7411, 89.6468,
99.8152

■ 88.7411, 89.6468,
99.8152

■ 79.6783, 74.9100,
86.3470

95.0500, 100.0000,
108.9000

■ 71.7891, 62.2548,
74.0892

■ 65.0247, 51.5893,
63.0070

■ 59.3302, 42.8105,
53.0621

■ 54.6461, 35.8061,
44.2135

■ 50.9067, 30.4519,
36.4173

■ 48.0379, 26.6072,
29.6257

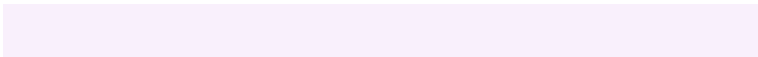
■ 45.9536, 24.1074,
23.7859

■ 44.5473, 22.7480,
18.8368

Harmonies

Analogous

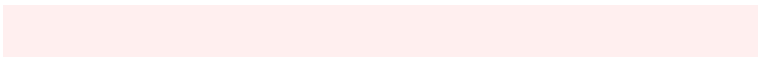
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



87.8714, 89.6468, 104.6617



88.7411, 89.6468, 99.8152



88.6538, 89.6468, 94.5454

Triad

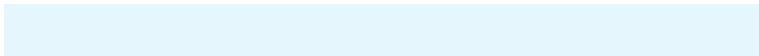
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



88.7411, 89.6468, 99.8152



84.1296, 89.6468, 88.1884



82.8240, 89.6468, 105.3602

Complementary

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



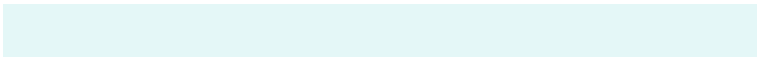
88.7411, 89.6468, 99.8152



88.3025, 96.6493, 102.8115

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.



81.8500, 89.6468, 100.7404



88.7411, 89.6468, 99.8152



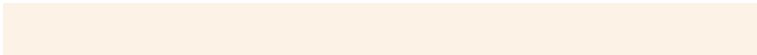
82.5962, 89.6468, 90.8826

Square

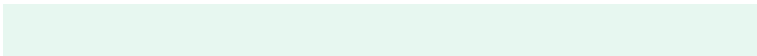
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



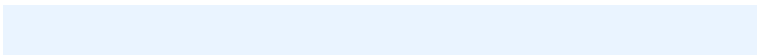
88.7411, 89.6468, 99.8152



85.9731, 89.6468, 87.9610



81.7672, 89.6468, 95.4378



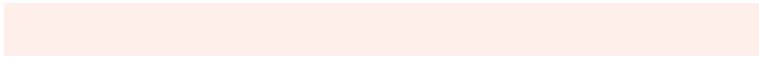
84.4447, 89.6468, 107.9403

Rectangle

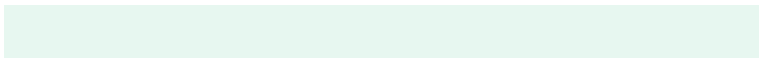
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



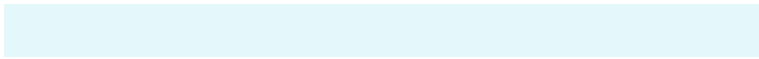
88.7411, 89.6468, 99.8152



88.0646, 89.6468, 91.4996



81.7672, 89.6468, 95.4378



82.4111, 89.6468, 103.9868

Sweetspot

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



88.7430, 89.6504, 99.8171



92.9860, 96.6056, 105.9500



87.5597, 88.8769, 107.1478



19.9245, 20.7131, 22.7087



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

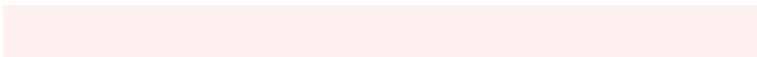
The Same Dimension uses a secret algorithm to generate beautiful new colors.



88.7430, 89.6504, 99.8171



87.0907, 86.9506, 97.4016



87.9237, 89.6981, 94.3453



18.3394, 18.1191, 20.4042



23.1354, 11.7435, 9.3636



2.3063, 1.1649, 1.1946

Inverse Universe

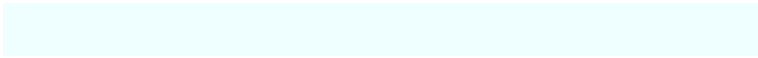
The Inverse Universe completely reimagines the original color for something new.



88.7430, 89.6504, 99.8171



87.0907, 86.9506, 97.4016



89.1540, 96.5826, 108.5511



18.3394, 18.1191, 20.4042



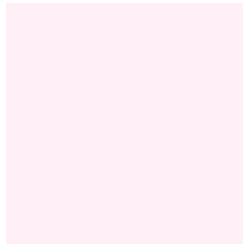
23.1354, 11.7435, 9.3636



2.3063, 1.1649, 1.1946

Previews

White Background



This preview shows how the XYZ color 88.7411, 89.6468, 99.8152 looks on a white background.

Color Contrast Check

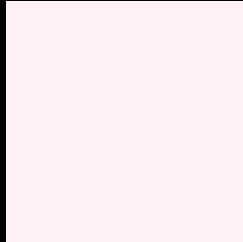
Large Text (above 18pt) WCAG AA × Fail

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 88.7411, 89.6468, 99.8152 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 88.7411, 89.6468, 99.8152

Background



This preview shows how black text looks on a background with the XYZ color 88.7411, 89.6468, 99.8152.

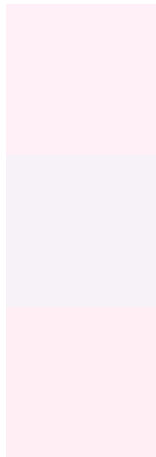


This preview shows how white text looks on a background with the XYZ color 88.7411, 89.6468,

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

88.7411, 89.6468, 99.8152

Protanopia

86.7014, 89.8744, 101.5848

Deuteranopia

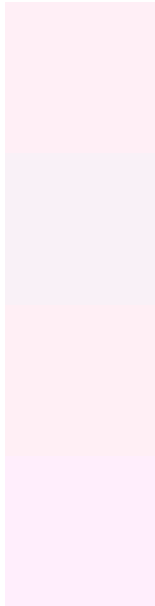
88.5879, 89.5856, 99.0089



Tritanopia

89.8645, 89.6291, 107.1715

Trichromacy



Original Color

88.7411, 89.6468, 99.8152

Protanomaly

87.3107, 89.7657, 100.7204

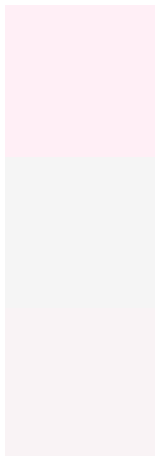
Deuteranomaly

88.5879, 89.5856, 99.0089

Tritanomaly

89.3852, 89.4373, 104.6475

Monochromacy



Original Color

88.7411, 89.6468, 99.8152

Achromatopsia

86.7900, 91.3099, 99.4364

Achromatomaly

87.5989, 90.8335, 99.3019

CSS Examples

Text

The CSS property to change the color of the text to XYZ 88.7411, 89.6468, 99.8152 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, 246)` looks like.

```
.text, #text, p{  
    color:rgb(255, 239, 246)  
}
```

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, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 239, 246) }
```

Border

The CSS property to change the border of an element to XYZ 88.7411, 89.6468, 99.8152 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, 246) }
```


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

```
.border{ border-color:rgb(255, 239, 246) }
```

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, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 239, 246); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 239, 246); box-shadow:4px 4px 4px 4px rgb(255, 239, 246) }
```

Background

The CSS property to change the background color of an element to XYZ 88.7411, 89.6468, 99.8152 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, 246) }
```

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

```
.background{ background-color: rgb(255,  
239, 246) }
```

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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