

Converting Colors

XYZ(88.6734, 89.9213,
105.6115)

Have a look what the booklet for
XYZ(88.6734, 89.9213, 105.6115)
contains.

XYZ(88.6734, 89.9213, 105.6115)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(88.6734, 89.9213,
105.6115)**

Conversions

Conversions Part 1

Format	Color
Hex	FBF0FD
RGB	251, 240, 253
RGB Percent	98%, 94%, 99%
CMY	0.0157, 0.0588, 0.0078
CMYK	0.01, 0.05, 0.00, 0.01
HSL	291°, 76%, 97%
HSV	291°, 5%, 99%
XYZ	88.6734, 89.9213, 105.6115
YIQ	244.7710, 2.3830, 6.3750

Conversions

Conversions Part 2

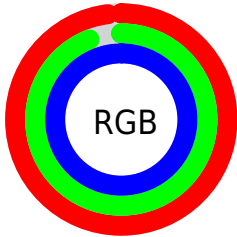
Format	Color
R _Y B	251, 240, 253
Decimal	16511229
CIE Lab	95.96, 5.96, -4.93
CIE LCh	96, 7.738, 320.376
Yxy	89.9213, 0.3120, 0.3164
Android (android.graphics.Color)	4294701309 (0xFFFBF0FD)
YUV	244.7710, 4.0569, 5.4628
Hunter-Lab	94.8268, 0.9699, 0.3457

Details

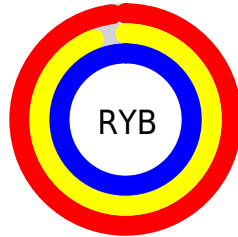
The XYZ color 88.6734, 89.9213, 105.6115 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 87.4748, 95.4215, 96.2505, and the grayscale version is 86.5764, 91.0851, 99.1917.

A 20% lighter version of the original color is 95.0500, 100.0000, 108.9000, and 49.3524, 49.7358, 59.2234 is the 20% darker color. If you saturate the color by 10%, you get 80.3514, 75.3369, 103.2364, and if you desaturate by 10%, it is 94.6914, 99.8521, 107.2125.

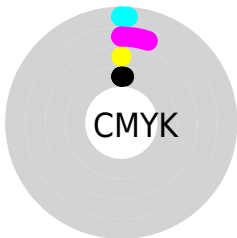
Distribution



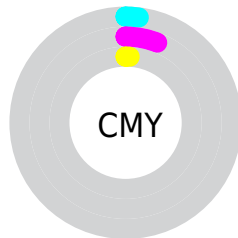
- Red (98%)
- Green (94%)
- Blue (99%)



- Red (98%)
- Yellow (94%)
- Blue (99%)



- Cyan (1%)
- Magenta (5%)
- Yellow (0%)
- Black (1%)





- Cyan (2%)
- Magenta (6%)
- Yellow (1%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 88.6734, 89.9213, 105.6115 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 88.6734, 89.9213, 105.6115 by changing the saturation by 10% instead.


 88.6734, 89.9213,
105.6115

 88.6734, 89.9213,
105.6115


512.0084,
527.7748, 599.4374

 67.2135, 67.9154,
80.3522


144.3820,
147.2291, 170.9664

 49.5295, 49.8289,
59.4804


179.3615,
183.2997, 211.8991

 35.2560, 35.2775,
42.5774

219.5783,
224.8274, 258.8934

 24.0276, 23.8767,
29.2247

265.3977,
272.1964, 312.3678

 15.4789, 15.2422,
19.0038

317.1850,
325.7913, 372.7409

 9.2447, 8.9895,
11.4962

375.3057,

 4.9595, 4.7343,

385.9964, 440.4312

6.2833

440.1250,
453.1961, 515.8571

■ 2.2580, 2.0923,
2.9465

■ 0.7731, 0.6603,
1.0674

■ 88.6734, 89.9213,
105.6115

■ 88.6734, 89.9213,
105.6115

■ 80.3514, 75.3369,
103.2364

94.6914, 99.8521,
107.2125

■ 73.0511, 62.7548,
101.1926

94.7299, 99.8720,
107.2143

■ 66.7293, 52.0873,
99.4667

■ 61.3366, 43.2359,
98.0425

■ 56.8191, 36.0931,
96.9019

■ 53.1174, 30.5403,
96.0252

■ 50.1642, 26.4433,
95.3900

■ 47.8813, 23.6458,
94.9704

■ 46.1721, 21.9551,
94.7341

Harmonies

Analogous

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



86.9069, 89.9213, 109.3664



88.6734, 89.9213, 105.6115



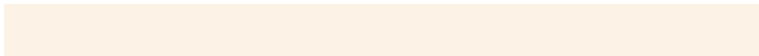
89.5852, 89.9213, 99.8906

Triad

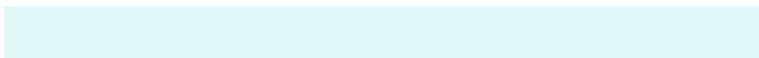
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



88.6734, 89.9213, 105.6115



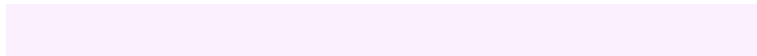
86.1566, 89.9213, 86.7533



81.6712, 89.9213, 102.0660

Complementary

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



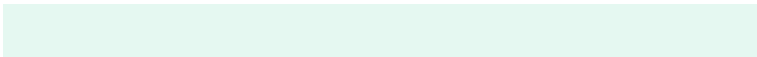
88.6734, 89.9213, 105.6115



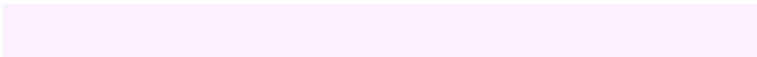
87.4748, 95.4215, 96.2505

Split Complementary

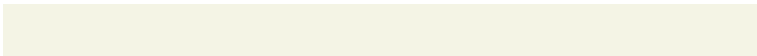
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



81.4779, 89.9213, 95.9538



88.6734, 89.9213, 105.6115



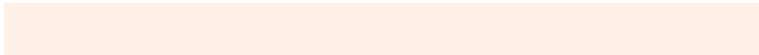
84.0440, 89.9213, 87.2812

Square

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



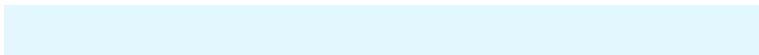
88.6734, 89.9213, 105.6115



88.1163, 89.9213, 89.1171



82.3398, 89.9213, 90.5904



82.8723, 89.9213, 107.2609

Rectangle

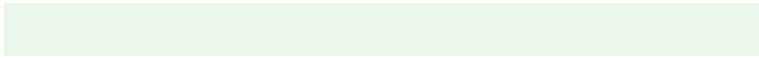
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



88.6734, 89.9213, 105.6115



89.5756, 89.9213, 95.8037



82.3398, 89.9213, 90.5904



81.4870, 89.9213, 100.0450

Sweetspot

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



88.6760, 89.9252, 105.6135



93.1564, 96.6405, 108.3514



85.4704, 89.2249, 105.6472



19.9592, 20.7202, 23.1974



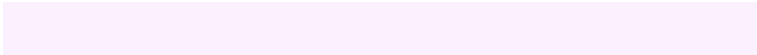
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



88.6760, 89.9252, 105.6135



89.5009, 90.1798, 107.2970



88.7179, 90.0256, 102.0534



19.0326, 19.0833, 22.9303



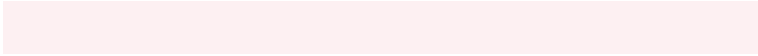
24.2948, 11.4349, 50.3613



2.4364, 1.1499, 4.9068

Inverse Universe

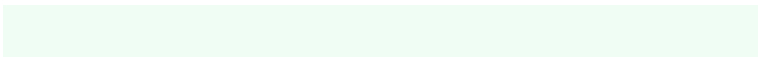
The Inverse Universe completely reimagines the original color for something new.



87.6983, 89.6178, 96.6848



88.3471, 89.8178, 96.7276



87.4435, 95.3301, 99.6489



18.7605, 18.9980, 20.4311



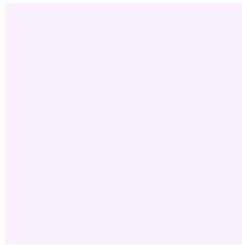
21.7759, 11.1997, 2.2047



2.1519, 1.1031, 0.3812

Previews

White Background



This preview shows how the XYZ color 88.6734, 89.9213, 105.6115 looks on a white background.

Color Contrast Check

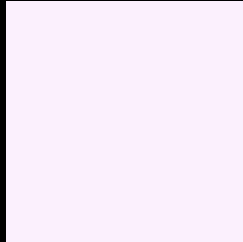
Large Text (above 18pt) WCAG AA × Fail

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 88.6734, 89.9213, 105.6115 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 88.6734, 89.9213, 105.6115

Background



This preview shows how black text looks on a background with the XYZ color 88.6734, 89.9213, 105.6115.

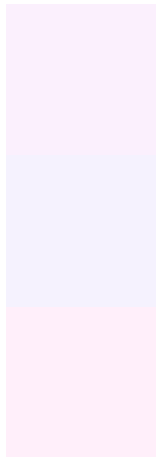


This preview shows how white text looks on a background with the XYZ color 88.6734, 89.9213,

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

88.6734, 89.9213, 105.6115

Protanopia

87.2977, 90.0725, 106.5506

Deuteranopia

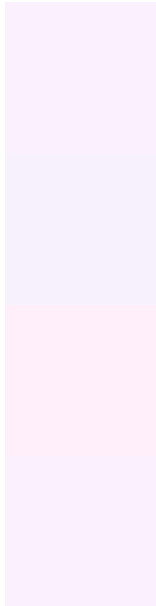
89.3618, 89.8951, 103.0841



Tritanopia

88.6344, 89.8642, 107.2817

Trichromacy



Original Color

88.6734, 89.9213, 105.6115

Protanomaly

87.7025, 89.8405, 106.4845

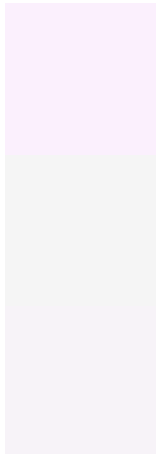
Deuteranomaly

89.1521, 89.7689, 103.8951

Tritanomaly

88.4738, 89.7999, 106.4360

Monochromacy



Original Color

88.6734, 89.9213, 105.6115

Achromatopsia

86.7900, 91.3099, 99.4364

Achromatomaly

87.3516, 90.6527, 101.7007

CSS Examples

Text

The CSS property to change the color of the text to XYZ 88.6734, 89.9213, 105.6115 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(251, 240, 253)` looks like.

```
.text, #text, p{  
    color:rgb(251, 240, 253)  
}
```

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(251, 240, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 240, 253) }
```

Border

The CSS property to change the border of an element to XYZ 88.6734, 89.9213, 105.6115 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(251, 240, 253) }
```


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

```
.border{ border-color:rgb(251, 240, 253) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 240, 253)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 240, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 240, 253);  
box-shadow:4px 4px 4px 4px rgb(251, 240,  
253) }
```

Background

The CSS property to change the background color of an element to XYZ 88.6734, 89.9213, 105.6115 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 240, 253) }
```

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

```
.background{ background-color: rgb(251,  
240, 253) }
```

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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