

Converting Colors

XYZ(89.2379, 92.8963,
105.3229)

Have a look what the booklet for
XYZ(89.2379, 92.8963, 105.3229)
contains.

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Color

**XYZ(89.2379, 92.8963,
105.3229)**

Conversions

Conversions Part 1

Format	Color
Hex	F8F6FC
RGB	248, 246, 252
RGB Percent	97%, 96%, 99%
CMY	0.0274, 0.0353, 0.0118
CMYK	0.02, 0.02, 0.00, 0.01
HSL	260°, 50%, 98%
HSV	260°, 2%, 99%
XYZ	89.2379, 92.8963, 105.3229
YIQ	247.2820, -0.7340, 2.2900

Conversions

Conversions Part 2

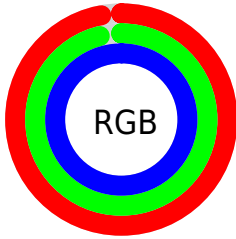
Format	Color
R_{YB}	248, 246, 252
Decimal	16316156
CIE _{Lab}	97.19, 1.73, -2.65
CIE _{LCh}	97, 3.164, 303.155
Yxy	92.8963, 0.3104, 0.3232
Android (android.graphics.Color)	4294506236 (0xFFFF8F6FC)
YUV	247.2820, 2.3260, 0.6297
Hunter-Lab	96.3827, -3.4019, 2.6783

Details

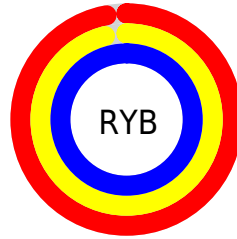
The XYZ color 89.2379, 92.8963, 105.3229 is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be 90.8728, 96.6011, 101.0499, and the grayscale version is 88.6219, 93.2372, 101.5353.

A 20% lighter version of the original color is 95.0500, 100.0000, 108.9000, and 50.0020, 51.9735, 59.0263 is the 20% darker color. If you saturate the color by 10%, you get 76.3927, 75.6594, 102.6743, and if you desaturate by 10%, it is 94.5710, 99.8084, 106.3774.

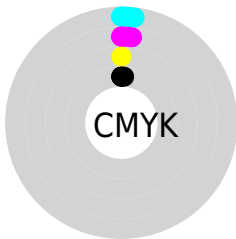
Distribution



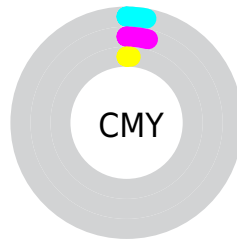
- Red (97%)
- Green (96%)
- Blue (99%)



- Red (97%)
- Yellow (96%)
- Blue (99%)



- Cyan (2%)
- Magenta (2%)
- Yellow (0%)
- Black (1%)





- Cyan (3%)
- Magenta (4%)
- Yellow (1%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 89.2379, 92.8963, 105.3229 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 89.2379, 92.8963, 105.3229 by changing the saturation by 10% instead.


 89.2379, 92.8963,
105.3229

 89.2379, 92.8963,
105.3229


513.8236,
537.4081, 598.5187

 67.6829, 70.3853,
80.1117


145.1631,
151.3550, 170.5685

 49.9126, 51.8407,
59.2836


180.2640,
188.0716, 211.4400

 35.5614, 36.8781,
42.4199


220.6110,
230.2921, 258.3686

 24.2642, 25.1131,
29.1022

266.5693,
278.4010, 311.7730

 15.6555, 16.1614,
18.9119

318.5044,
332.7826, 372.0717

 9.3700, 9.6384,
11.4305

376.7815,

 5.0423, 5.1599,

393.8214, 439.6832

6.2394

441.7661,
461.9018, 515.0260

■ 2.3071, 2.3414,
2.9200

■ 0.7983, 0.7955,
1.0540

■ 89.2379, 92.8963,
105.3229

■ 89.2379, 92.8963,
105.3229

■ 76.3927, 75.6594,
102.6743

94.5710, 99.8084,
106.3774

■ 65.0644, 60.6838,
100.3807

■ 55.1968, 47.8772,
98.4289

■ 46.7268, 37.1363,
96.8021

■ 39.5867, 28.3493,
95.4824

■ 33.7024, 21.3932,
94.4498

■ 28.9921, 16.1308,
93.6824

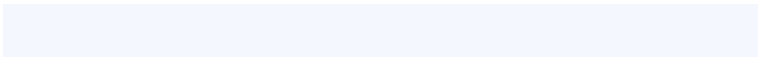
■ 25.3629, 12.4048,
93.1545

■ 22.7052, 10.0261,
92.8354

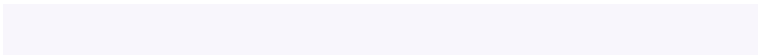
Harmonies

Analogous

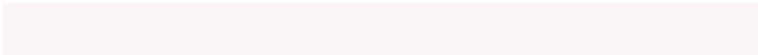
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



88.3897, 92.8963, 106.1401



89.2379, 92.8963, 105.3229



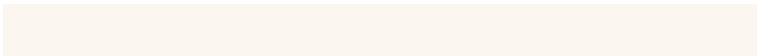
89.8366, 92.8963, 103.3861

Triad

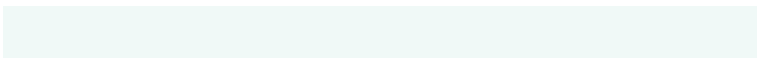
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



89.2379, 92.8963, 105.3229



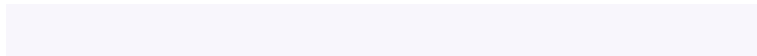
89.0731, 92.8963, 96.8222



86.5911, 92.8963, 101.4193

Complementary

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



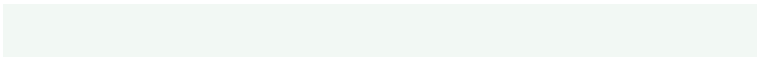
89.2379, 92.8963, 105.3229



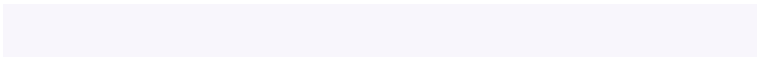
90.8728, 96.6011, 101.0499

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.



86.7714, 92.8963, 98.9430



89.2379, 92.8963, 105.3229



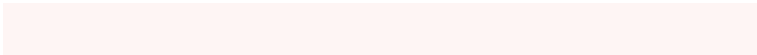
88.2006, 92.8963, 96.3154

Square

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



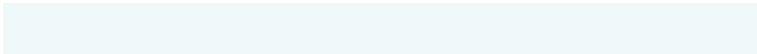
89.2379, 92.8963, 105.3229



89.7410, 92.8963, 98.4816



87.3591, 92.8963, 97.0855



86.8649, 92.8963, 103.8626

Rectangle

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



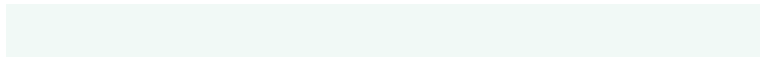
89.2379, 92.8963, 105.3229



90.0116, 92.8963, 101.7357



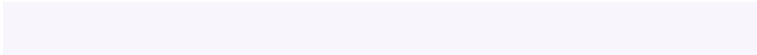
87.3591, 92.8963, 97.0855



86.6006, 92.8963, 100.5631

Sweetspot

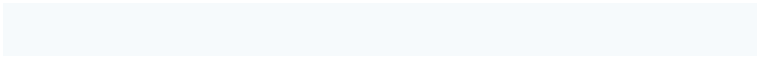
The Sweet Spot groups the original color and five complimentary colors.



89.2406, 92.9003, 105.3249



93.6188, 98.0626, 108.6015



89.7967, 95.0575, 105.7120



20.0534, 21.0098, 23.2483



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.



89.2406, 92.9003, 105.3249



90.8052, 94.2607, 108.0159



90.2770, 93.4346, 105.3734



18.3809, 19.0104, 22.0859



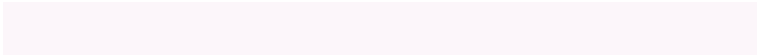
11.1910, 4.7118, 48.2932



1.1438, 0.4917, 4.4778

Inverse Universe

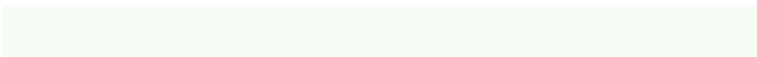
The Inverse Universe completely reimagines the original color for something new.



90.3593, 93.5134, 103.7346



92.2505, 95.0529, 105.9575



89.8412, 96.0693, 101.0016



18.7539, 19.2148, 21.5534



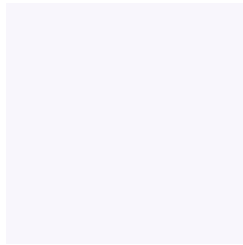
24.6703, 12.2838, 20.7699



2.3340, 1.1573, 2.1824

Previews

White Background



This preview shows how the XYZ color 89.2379, 92.8963, 105.3229 looks on a white background.

Color Contrast Check

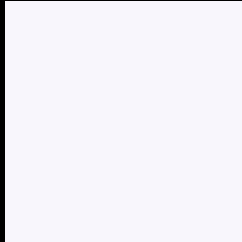
Large Text (above 18pt) WCAG AA × Fail

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 89.2379, 92.8963, 105.3229 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

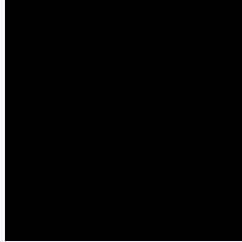
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

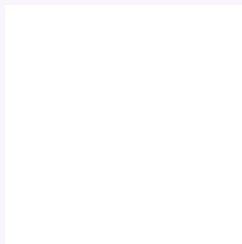
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 89.2379, 92.8963, 105.3229

Background



This preview shows how black text looks on a background with the XYZ color 89.2379, 92.8963, 105.3229.



This preview shows how white text looks on a background with the XYZ color 89.2379, 92.8963,

105.3229.

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**

89.2379, 92.8963, 105.3229

Protanopia

89.9508, 93.2638, 105.3563

Deuteranopia

90.6896, 92.8009, 102.7550

Tritanopia

89.7172, 93.0880, 107.8469

Trichromacy



Original Color

89.2379, 92.8963, 105.3229

Protanomaly

89.5934, 93.0795, 105.3395

Deuteranomaly

90.0526, 92.9024, 103.6282

Tritanomaly

89.5566, 93.0238, 107.0012

Monochromacy



Original Color

89.2379, 92.8963, 105.3229

Achromatopsia

88.4070, 93.0111, 101.2891

Achromatomaly

88.7174, 93.1352, 102.9235

CSS Examples

Text

The CSS property to change the color of the text to XYZ 89.2379, 92.8963, 105.3229 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(248, 246, 252) looks like.

```
.text, #text, p{  
    color:rgb(248, 246, 252)  
}
```

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(248, 246, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 246, 252) }
```

Border

The CSS property to change the border of an element to XYZ 89.2379, 92.8963, 105.3229 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(248, 246, 252) }
```


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

```
.border{ border-color:rgb(248, 246, 252) }
```

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

Here you see how a box with a 4 pixel rgb(248, 246, 252) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 246, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 246, 252);  
box-shadow:4px 4px 4px 4px rgb(248, 246,  
252) }
```

Background

The CSS property to change the background color of an element to XYZ 89.2379, 92.8963, 105.3229 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 246, 252) }
```

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

```
.background{ background-color: rgb(248,  
246, 252) }
```

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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