

Converting Colors

XYZ(87.8063, 89.8773,
107.3279)

Have a look what the booklet for
XYZ(87.8063, 89.8773, 107.3279)
contains.

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Color

**XYZ(87.8631, 89.9048,
107.3302)**

Conversions

Conversions Part 1

Format	Color
Hex	F7F1FF
RGB	247, 241, 255
RGB Percent	97%, 95%, 100%
CMY	0.0314, 0.0549, 0.0000
CMYK	0.03, 0.05, 0.00, 0.00
HSL	266°, 100%, 97%
HSV	266°, 5%, 100%
XYZ	87.8631, 89.9048, 107.3302
YIQ	244.3900, -0.9180, 5.6260

Conversions

Conversions Part 2

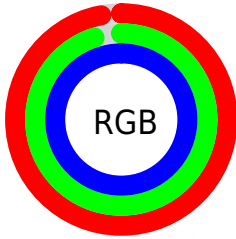
Format	Color
R_{YB}	247, 241, 255
Decimal	16249343
CIE _{Lab}	95.96, 4.50, -6.01
CIE _{LCh}	96, 7.510, 306.784
Yxy	89.9048, 0.3082, 0.3153
Android (android.graphics.Color)	4294439423 (0xFFFF7F1FF)
YUV	244.3900, 5.2307, 2.2890
Hunter-Lab	94.8181, -0.5250, -0.7411

Details

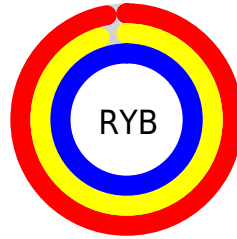
The XYZ color **87.8631, 89.9048, 107.3302** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **90.7064, 98.0117, 97.3611**, and the grayscale version is **86.2634, 90.7558, 98.8331**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **49.0279, 49.8515, 60.4643** is the 20% darker color. If you saturate the color by 10%, you get **75.8972, 73.3064, 104.7571**, and if you desaturate by 10%, it is **95.0500, 100.0000, 108.9000**.

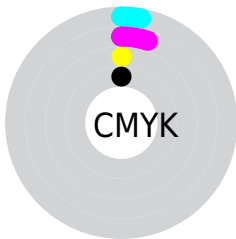
Distribution



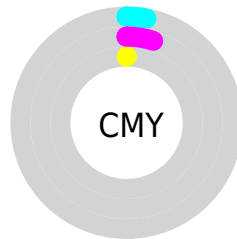
- Red (97%)
- Green (95%)
- Blue (100%)



- Red (97%)
- Yellow (95%)
- Blue (100%)



- Cyan (3%)
- Magenta (5%)
- Yellow (0%)
- Black (0%)



- Cyan (3%)
- Magenta (5%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 87.8631, 89.9048, 107.3302 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 87.8631, 89.9048, 107.3302 by changing the saturation by 10% instead.

87.8631, 89.9048,
107.3302

87.8631, 89.9048,
107.3302

509.3969,
527.7211, 604.8932

66.5401, 67.9017,
81.7854

143.2601,
147.2061, 173.3341

48.9803, 49.8178,
60.6538

178.0647,
183.2732, 214.6302

34.8183, 35.2686,
43.5171

218.0940,
224.7970, 262.0138

23.6888, 23.8699,
29.9567

263.7132,
272.1619, 315.9034

15.2264, 15.2371,
19.5539

315.2878,
325.7524, 376.7177

9.0658, 8.9860,
11.8904

373.1830,

4.8416, 4.7320,

385.9528, 444.8750

6.5474

437.7643,
453.1476, 520.7940

■ 2.1884, 2.0909,
3.1066

■ 0.7366, 0.6595,
1.1493

■ 87.8631, 89.9048,
107.3302

■ 87.8631, 89.9048,
107.3302

■ 75.8972, 73.3064,
104.7571

95.0500, 100.0000,
108.9000

■ 65.3344, 58.9323,
102.5393

■ 56.1209, 46.6881,
100.6616

■ 48.1967, 36.4681,
99.1065

■ 41.4965, 28.1572,
97.8555

■ 35.9490, 21.6284,
96.8877

■ 31.4743, 16.7387,
96.1798

■ 27.9805, 13.3217,
95.7044

■ 25.3561, 11.1728,
95.4279

Harmonies

Analogous

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



85.9239, 89.9048, 109.6810



87.8631, 89.9048, 107.3302



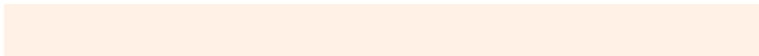
89.1710, 89.9048, 102.4646

Triad

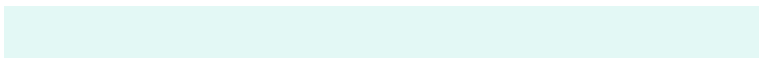
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



87.8631, 89.9048, 107.3302



87.0342, 89.9048, 87.7614



81.5511, 89.9048, 99.2469

Complementary

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



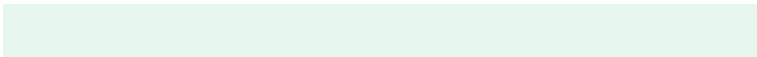
87.8631, 89.9048, 107.3302



90.7064, 98.0117, 97.3611

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.



81.8375, 89.9048, 93.4556



87.8631, 89.9048, 107.3302



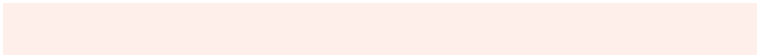
84.9814, 89.9048, 86.9778

Square

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



87.8631, 89.9048, 107.3302



88.6871, 89.9048, 91.2074



83.0851, 89.9048, 89.0222



82.2962, 89.9048, 104.8935

Rectangle

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



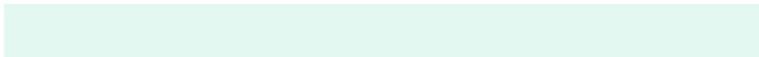
87.8631, 89.9048, 107.3302



89.4973, 89.9048, 98.5335



83.0851, 89.9048, 89.0222



81.5301, 89.9048, 97.2514

Sweetspot

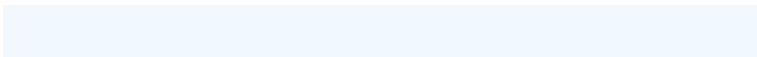
The Sweet Spot groups the original color and five complimentary colors.



87.8654, 89.9085, 107.3308



92.3803, 96.2404, 108.3150



88.2556, 93.7777, 108.0571



19.8012, 20.6388, 23.1900



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.



87.8654, 89.9085, 107.3308



85.9634, 87.2515, 106.9182



90.3193, 91.1735, 107.4457



18.2392, 18.4515, 22.8501



12.9063, 5.5639, 49.8283



1.3787, 0.6046, 4.8573

Inverse Universe

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



89.7965, 91.0139, 102.4604



88.4105, 88.6524, 100.7326



88.3151, 96.7789, 97.2492



18.8066, 18.7764, 21.4145



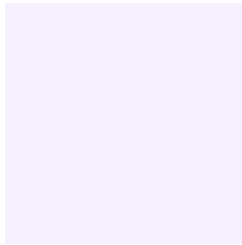
24.3256, 12.2195, 15.6310



2.4233, 1.2117, 1.8103

Previews

White Background



This preview shows how the XYZ color 87.8631, 89.9048, 107.3302 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 87.8631, 89.9048, 107.3302 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 87.8631, 89.9048, 107.3302

Background



This preview shows how black text looks on a background with the XYZ color 87.8631, 89.9048, 107.3302.



This preview shows how white text looks on a background with the XYZ color 87.8631, 89.9048,

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

87.8631, 89.9048, 107.3302

Protanopia

87.1104, 89.9574, 107.3800

Deuteranopia

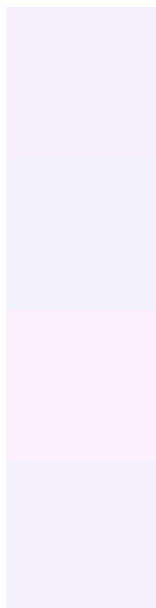
89.6772, 90.0213, 104.7448



Tritanopia

87.5113, 89.7234, 107.3138

Trichromacy



Original Color

87.8631, 89.9048, 107.3302

Protanomaly

87.4583, 90.1367, 107.3963

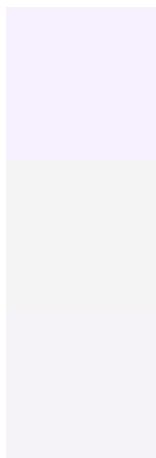
Deuteranomaly

89.0346, 90.1075, 105.6284

Tritanomaly

87.5113, 89.7234, 107.3138

Monochromacy



Original Color

87.8631, 89.9048, 107.3302

Achromatopsia

85.9880, 90.4661, 98.5176

Achromatomaly

86.6501, 90.2910, 101.6679

CSS Examples

Text

The CSS property to change the color of the text to XYZ 87.8631, 89.9048, 107.3302 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(247, 241, 255) looks like.

```
.text, #text, p{  
    color:rgb(247, 241, 255)  
}
```

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(247, 241, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 241, 255) }
```

Border

The CSS property to change the border of an element to XYZ 87.8631, 89.9048, 107.3302 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(247, 241, 255) }
```


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

```
.border{ border-color:rgb(247, 241, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 241, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 241, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 241, 255);  
box-shadow:4px 4px 4px 4px rgb(247, 241,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 87.8631, 89.9048, 107.3302 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 241, 255) }
```

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

```
.background{ background-color: rgb(247,  
241, 255) }
```

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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