

Converting Colors

XYZ(88.3825, 88.4985,
107.0314)

Have a look what the booklet for
XYZ(88.3825, 88.4985, 107.0314)
contains.

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Color

**XYZ(88.4791, 88.4838,
107.0235)**

Conversions

Conversions Part 1

Format	Color
Hex	FCEDFF
RGB	252, 237, 255
RGB Percent	99%, 93%, 100%
CMY	0.0118, 0.0706, 0.0000
CMYK	0.01, 0.07, 0.00, 0.00
HSL	290°, 100%, 96%
HSV	290°, 7%, 100%
XYZ	88.4791, 88.4838, 107.0235
YIQ	243.5370, 3.1620, 8.7780

Conversions

Conversions Part 2

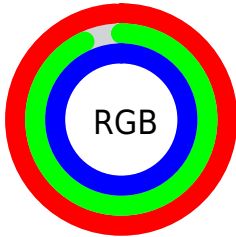
Format	Color
R_{YB}	252, 237, 255
Decimal	16575999
CIE Lab	95.36, 8.19, -6.85
CIE LCh	95, 10.674, 320.097
Yxy	88.4838, 0.3116, 0.3116
Android (android.graphics.Color)	4294766079 (0xFFFCEDFF)
YUV	243.5370, 5.6513, 7.4221
Hunter-Lab	94.0658, 3.2834, -1.6112

Details

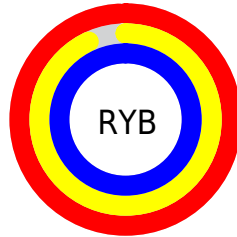
The XYZ color **88.4791, 88.4838, 107.0235** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **86.9834, 96.1607, 94.1015**, and the grayscale version is **85.5759, 90.0325, 98.0454**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **49.2226, 48.7271, 60.2370** is the 20% darker color. If you saturate the color by 10%, you get **80.0940, 73.9716, 104.6643**, and if you desaturate by 10%, it is **95.0500, 100.0000, 108.9000**.

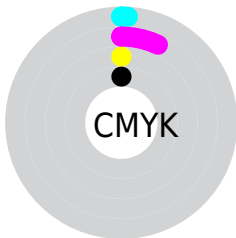
Distribution



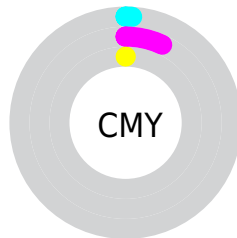
- Red (99%)
- Green (93%)
- Blue (100%)



- Red (99%)
- Yellow (93%)
- Blue (100%)



- Cyan (1%)
- Magenta (7%)
- Yellow (0%)
- Black (0%)





- Cyan (1%)
- Magenta (7%)
- Yellow (0%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 88.4791, 88.4838, 107.0235 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 88.4791, 88.4838, 107.0235 by changing the saturation by 10% instead.


 88.4791, 88.4838,
107.0235

 88.4791, 88.4838,
107.0235


511.3829,
523.0863, 603.9215

 67.0520, 66.7238,
81.5295


144.1131,
145.2305, 172.9118

 49.3978, 48.8602,
60.4442


179.0507,
180.9860, 214.1433

 35.1509, 34.5086,
43.3492

219.2226,
222.1755, 261.4576

 23.9462, 23.2846,
29.8257


264.9941,
269.1834, 315.2734

 15.4183, 14.8038,
19.4554

316.7305,
322.3940, 376.0091

 9.2017, 8.6818,
11.8197

374.7971,

 4.9311, 4.5342,

382.1917, 444.0833

6.5000

439.5595,
448.9610, 519.9146

■ 2.2412, 1.9767,
3.0777

■ 0.7643, 0.5939,
1.1345

■ 88.4791, 88.4838,
107.0235

■ 88.4791, 88.4838,
107.0235

■ 80.0940, 73.9716,
104.6643

95.0500, 100.0000,
108.9000

■ 72.7466, 61.4848,
102.6413

■ 66.3916, 50.9326,
100.9395

■ 60.9780, 42.2129,
99.5418

■ 56.4497, 35.2142,
98.4295

■ 52.7448, 29.8128,
97.5822

■ 49.7928, 25.8682,
96.9764

■ 47.5110, 23.2153,
96.5846

■ 45.7940, 21.6435,
96.3717

Harmonies

Analogous

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



86.0438, 88.4838, 112.2354



88.4791, 88.4838, 107.0235



89.7502, 88.4838, 99.1338

Triad

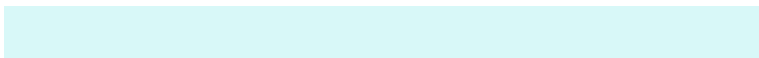
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



88.4791, 88.4838, 107.0235



85.0698, 88.4838, 81.3659



78.9415, 88.4838, 101.9712

Complementary

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



88.4791, 88.4838, 107.0235



86.9834, 96.1607, 94.1015

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.



78.6944, 88.4838, 93.6067



88.4791, 88.4838, 107.0235



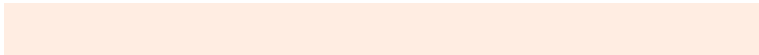
82.1880, 88.4838, 82.0279

Square

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



88.4791, 88.4838, 107.0235



87.7519, 88.4838, 84.5355



79.8701, 88.4838, 86.3993



80.5531, 88.4838, 109.2035

Rectangle

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



88.4791, 88.4838, 107.0235



89.7467, 88.4838, 93.5542



79.8701, 88.4838, 86.3993



78.6975, 88.4838, 99.1883

Sweetspot

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



88.4814, 88.4875, 107.0241



93.1326, 96.6283, 108.3502



84.1385, 87.5485, 107.0717



19.9543, 20.7177, 23.1972



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.



88.4814, 88.4875, 107.0241



87.6445, 87.0289, 106.7866



88.6250, 88.6714, 102.0683



18.4781, 18.1382, 22.7771



23.8060, 11.1829, 50.3384



2.3933, 1.1277, 4.9048

Inverse Universe

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



87.2546, 88.1232, 94.8518



86.2664, 86.6209, 93.0609



86.8652, 95.9968, 98.7480



18.1328, 18.0364, 19.3166



21.8077, 11.2124, 2.3717



2.1564, 1.1049, 0.4049

Previews

White Background



This preview shows how the XYZ color 88.4791, 88.4838, 107.0235 looks on a white background.

Color Contrast Check

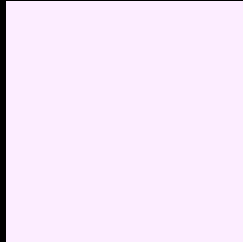
Large Text (above 18pt) WCAG AA × Fail

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 88.4791, 88.4838, 107.0235 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 88.4791, 88.4838, 107.0235

Background



This preview shows how black text looks on a background with the XYZ color 88.4791, 88.4838, 107.0235.



This preview shows how white text looks on a background with the XYZ color 88.4791, 88.4838,

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

88.4791, 88.4838, 107.0235

Protanopia

85.8280, 88.4174, 107.1504

Deuteranopia

88.8061, 88.2792, 104.4545



Tritanopia

88.4791, 88.4838, 107.0235

Trichromacy



Original Color

88.4791, 88.4838, 107.0235

Protanomaly

86.9225, 88.5458, 107.1175

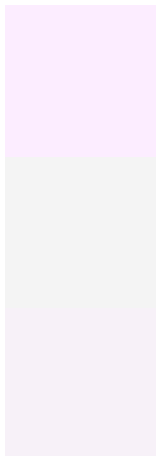
Deuteranomaly

88.5981, 88.1536, 105.2742

Tritanomaly

88.4791, 88.4838, 107.0235

Monochromacy



Original Color

88.4791, 88.4838, 107.0235

Achromatopsia

85.9880, 90.4661, 98.5176

Achromatomaly

86.7563, 89.4621, 101.5023

CSS Examples

Text

The CSS property to change the color of the text to XYZ 88.4791, 88.4838, 107.0235 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(252, 237, 255)` looks like.

```
.text, #text, p{  
    color:rgb(252, 237, 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(252, 237, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 237, 255) }
```

Border

The CSS property to change the border of an element to XYZ 88.4791, 88.4838, 107.0235 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(252, 237, 255) }
```


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

```
.border{ border-color:rgb(252, 237, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 237, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 237, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 237, 255);  
box-shadow:4px 4px 4px 4px rgb(252, 237,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 88.4791, 88.4838, 107.0235 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 237, 255) }
```

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

```
.background{ background-color: rgb(252,  
237, 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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