

Converting Colors

XYZ(85.1262, 89.2453,
101.4505)

Have a look what the booklet for
XYZ(85.1262, 89.2453, 101.4505)
contains.

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Color

**XYZ(84.9710, 88.9823,
101.5038)**

Conversions

Conversions Part 1

Format	Color
Hex	F1F2F8
RGB	241, 242, 248
RGB Percent	95%, 95%, 97%
CMY	0.0549, 0.0510, 0.0274
CMYK	0.03, 0.02, 0.00, 0.03
HSL	231°, 33%, 96%
HSV	231°, 3%, 97%
XYZ	84.9710, 88.9823, 101.5038
YIQ	242.3850, -2.5220, 1.6540

Conversions

Conversions Part 2

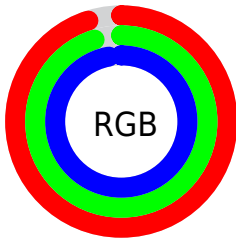
Format	Color
R_{YB}	241, 242, 248
Decimal	15856376
CIE _{Lab}	95.57, 0.75, -3.01
CIE _{LCh}	96, 3.100, 283.988
Yxy	88.9823, 0.3085, 0.3230
Android (android.graphics.Color)	4294046456 (0xFFFF1F2F8)
YUV	242.3850, 2.7682, -1.2146
Hunter-Lab	94.3304, -4.2890, 2.2326

Details

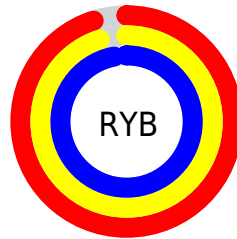
The XYZ color **84.9710, 88.9823, 101.5038** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **87.8495, 92.8279, 96.5078**, and the grayscale version is **84.6854, 89.0956, 97.0251**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **47.0809, 49.2379, 56.8916** is the 20% darker color. If you saturate the color by 10%, you get **71.1158, 72.9946, 99.1495**, and if you desaturate by 10%, it is **93.9435, 99.5574, 103.0734**.

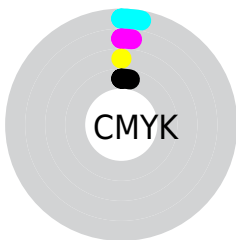
Distribution



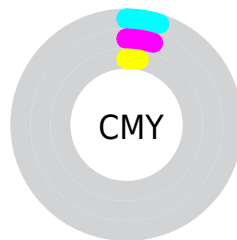
- Red (95%)
- Green (95%)
- Blue (97%)



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



- Cyan (3%)
- Magenta (2%)
- Yellow (0%)
- Black (3%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 84.9710, 88.9823, 101.5038 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 84.9710, 88.9823, 101.5038 by changing the saturation by 10% instead.

84.9710, 88.9823,
101.5038

84.9710, 88.9823,
101.5038

500.0172,
524.7147, 586.2911

64.1398, 67.1369,
76.9332

139.2469,
145.9240, 165.2921

47.0260, 49.1959,
56.6868

173.4223,
181.7890, 205.3468

33.2643, 34.7749,
40.3461

212.7766,
223.0960, 251.3999

22.4892, 23.4895,
27.4927

257.6750,
270.2294, 303.8701

14.3354, 14.9554,
17.7079

308.4829,
323.5736, 363.1757

8.4376, 8.7881,
10.5732

365.5656,

4.4303, 4.6032,

383.5129, 429.7354

5.6701

429.2886,
450.4318, 503.9677

■ 1.9484, 2.0164,
2.5800

■ 0.6047, 0.6170,
0.8821

■ 84.9710, 88.9823,
101.5038

■ 84.9710, 88.9823,
101.5038

■ 71.1158, 72.9946,
99.1495

■ 93.9435, 99.5574,
103.0734

■ 59.0735, 58.9920,
97.0814

■ 48.7711, 46.9002,
95.2904

■ 40.1272, 36.6356,
93.7647

■ 33.0543, 28.1084,
92.4916

■ 27.4563, 21.2212,
91.4573

■ 23.2268, 15.8669,
90.6467

■ 20.2443, 11.9248,
90.0430

■ 18.3651, 9.2557,
89.6269

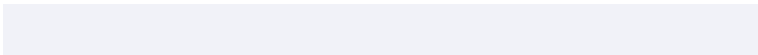
Harmonies

Analogous

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



84.1246, 88.9823, 101.4596



84.9710, 88.9823, 101.5038



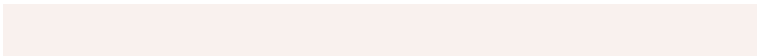
85.7161, 88.9823, 100.2964

Triad

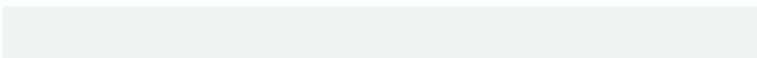
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



84.9710, 88.9823, 101.5038



85.7574, 88.9823, 93.6694



83.0125, 88.9823, 95.6001

Complementary

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



84.9710, 88.9823, 101.5038



87.8495, 92.8279, 96.5078

Split Complementary

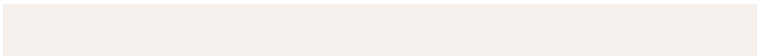
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



83.4441, 88.9823, 93.5550



84.9710, 88.9823, 101.5038



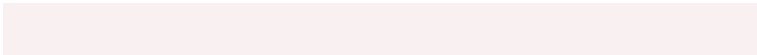
85.0270, 88.9823, 92.4531

Square

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



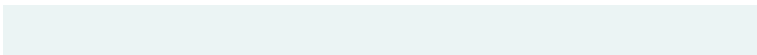
84.9710, 88.9823, 101.5038



86.1722, 88.9823, 95.7587



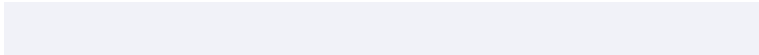
84.1802, 88.9823, 92.4116



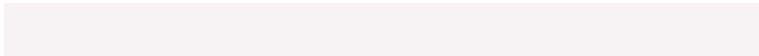
82.9977, 88.9823, 98.0233

Rectangle

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



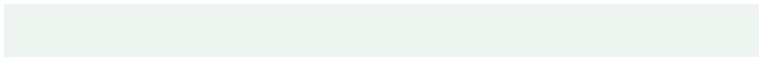
84.9710, 88.9823, 101.5038



86.0536, 88.9823, 98.9557



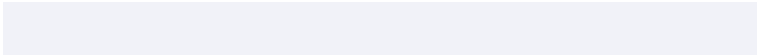
84.1802, 88.9823, 92.4116



83.1135, 88.9823, 94.8466

Sweetspot

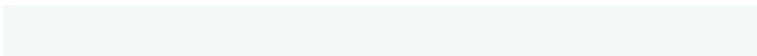
The Sweet Spot groups the original color and five complimentary colors.



84.9735, 88.9861, 101.5057



93.4252, 98.1338, 108.6254



86.6252, 92.5493, 101.2548



20.0140, 21.0244, 23.2532



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.



84.9735, 88.9861, 101.5057



90.2364, 94.4680, 108.0859



85.5176, 88.8242, 101.4458



18.2347, 19.0634, 22.1038



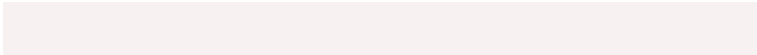
9.5462, 4.4479, 48.3289



0.9430, 0.5296, 4.4957

Inverse Universe

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



86.1956, 89.2795, 96.6985



91.6207, 94.8009, 102.6406



87.2943, 92.9987, 96.5700



18.5918, 19.1500, 20.6993



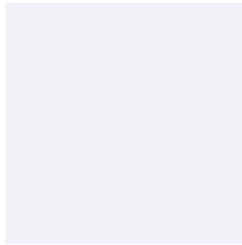
21.1105, 10.8599, 2.0243



1.9849, 1.0177, 0.3439

Previews

White Background



This preview shows how the XYZ color 84.9710, 88.9823, 101.5038 looks on a white background.

Color Contrast Check

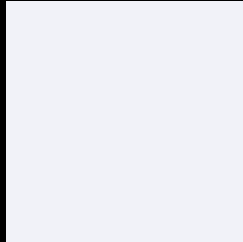
Large Text (above 18pt) WCAG AA × Fail

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 84.9710, 88.9823, 101.5038 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

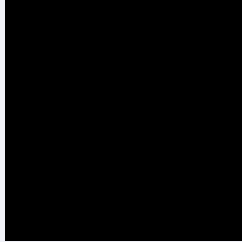
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

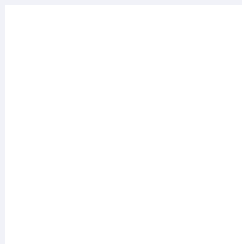
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 84.9710, 88.9823, 101.5038

Background



This preview shows how black text looks on a background with the XYZ color 84.9710, 88.9823, 101.5038.



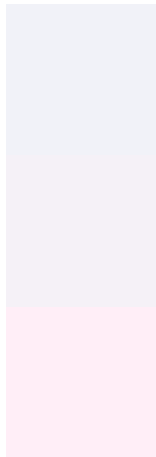
This preview shows how white text looks on a background with the XYZ color 84.9710, 88.9823,

101.5038.

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

84.9710, 88.9823, 101.5038

Protanopia

85.9000, 89.0385, 100.6544

Deuteranopia

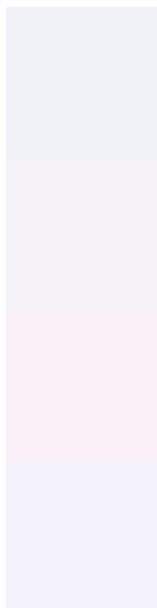
88.6030, 89.1245, 100.5285



Tritanopia

86.4674, 89.1853, 107.2649

Trichromacy



Original Color

84.9710, 88.9823, 101.5038

Protanomaly

85.5520, 88.8591, 100.6381

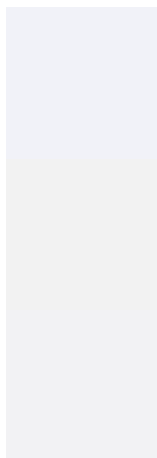
Deuteranomaly

87.0793, 88.7724, 100.5409

Tritanomaly

85.6439, 88.8161, 104.7248

Monochromacy



Original Color

84.9710, 88.9823, 101.5038

Achromatopsia

84.3971, 88.7923, 96.6948

Achromatomaly

84.6992, 88.9132, 98.2858

CSS Examples

Text

The CSS property to change the color of the text to XYZ 84.9710, 88.9823, 101.5038 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(241, 242, 248) looks like.

```
.text, #text, p{  
    color:rgb(241, 242, 248)  
}
```

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(241, 242, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 242, 248) }
```

Border

The CSS property to change the border of an element to XYZ 84.9710, 88.9823, 101.5038 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(241, 242, 248) }
```


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

```
.border{ border-color:rgb(241, 242, 248) }
```

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

Here you see how a box with a 4 pixel rgb(241, 242, 248) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 242, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 242, 248);  
box-shadow:4px 4px 4px 4px rgb(241, 242,  
248) }
```

Background

The CSS property to change the background color of an element to XYZ 84.9710, 88.9823, 101.5038 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 242, 248) }
```

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

```
.background{ background-color: rgb(241,  
242, 248) }
```

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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