

Converting Colors

XYZ(85.5101, 89.6883,
101.7876)

Have a look what the booklet for
XYZ(85.5101, 89.6883, 101.7876)
contains.

XYZ(85.6118, 89.7557, 101.6193)	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(85.6118, 89.7557,
101.6193)**

Conversions

Conversions Part 1

Format	Color
Hex	F2F3F8
RGB	242, 243, 248
RGB Percent	95%, 95%, 97%
CMY	0.0510, 0.0470, 0.0274
CMYK	0.02, 0.02, 0.00, 0.03
HSL	230°, 30%, 96%
HSV	230°, 2%, 97%
XYZ	85.6118, 89.7557, 101.6193
YIQ	243.2710, -2.2010, 1.3430

Conversions

Conversions Part 2

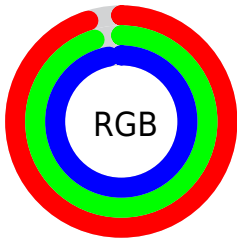
Format	Color
RYB	242, 243, 248
Decimal	15922168
CIELab	95.90, 0.57, -2.53
CIElCh	96, 2.590, 282.666
Yxy	89.7557, 0.3091, 0.3240
Android (android.graphics.Color)	4294112248 (0xFFFF2F3F8)
YUV	243.2710, 2.3314, -1.1147
Hunter-Lab	94.7395, -4.4917, 2.7221

Details

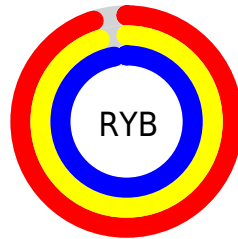
The XYZ color **85.6118, 89.7557, 101.6193** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **87.9993, 92.8878, 97.2968**, and the grayscale version is **85.3926, 89.8397, 97.8354**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **47.5345, 49.7855, 56.9734** is the 20% darker color. If you saturate the color by 10%, you get **71.8345, 73.9914, 99.3040**, and if you desaturate by 10%, it is **93.9435, 99.5574, 103.0734**.

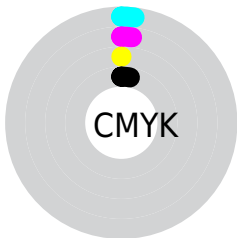
Distribution



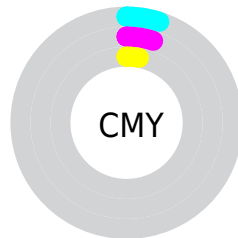
- Red (95%)
- Green (95%)
- Blue (97%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 85.6118, 89.7557, 101.6193 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 85.6118, 89.7557, 101.6193 by changing the saturation by 10% instead.

85.6118, 89.7557,
101.6193

85.6118, 89.7557,
101.6193

502.1035,
527.2358, 586.6629

64.6712, 67.7780,
77.0292

140.1373,
146.9990, 165.4519

47.4582, 49.7172,
56.7651

174.4528,
183.0334, 205.5315

33.6075, 35.1887,
40.4086

213.9574,
224.5223, 251.6114

22.7537, 23.8083,
27.5410

259.0165,
271.8498, 304.1099

14.5314, 15.1915,
17.7440

309.9952,
325.4006, 363.4459

8.5754, 8.9539,
10.5988

367.2591,

4.5201, 4.7111,

385.5589, 430.0376

5.6870

431.1734,
452.7092, 504.3038

■ 2.0004, 2.0788,
2.5900

■ 0.6342, 0.6527,
0.8873

■ 85.6118, 89.7557,
101.6193

■ 85.6118, 89.7557,
101.6193

■ 71.8345, 73.9914,
99.3040

■ 93.9435, 99.5574,
103.0734

■ 59.8348, 60.1389,
97.2626

■ 49.5421, 48.1283,
95.4868

■ 40.8777, 37.8810,
93.9656

■ 33.7569, 29.3131,
92.6871

■ 28.0871, 22.3331,
91.6387

■ 23.7655, 16.8410,
90.8064

■ 20.6754, 12.7247,
90.1747

■ 18.6788, 9.8550,
89.7260

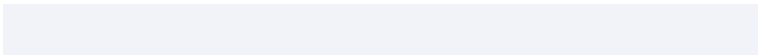
Harmonies

Analogous

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



84.9013, 89.7557, 101.5342



85.6118, 89.7557, 101.6193



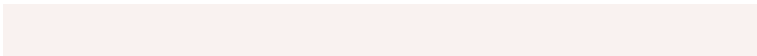
86.2449, 89.7557, 100.6515

Triad

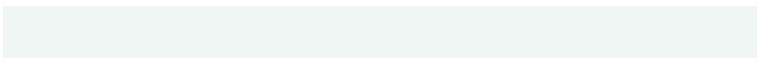
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



85.6118, 89.7557, 101.6193



86.3246, 89.7557, 95.0854



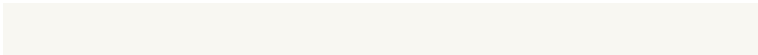
84.0049, 89.7557, 96.5607

Complementary

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



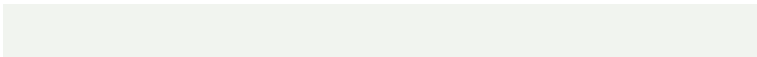
85.6118, 89.7557, 101.6193



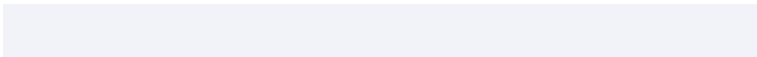
87.9993, 92.8878, 97.2968

Split Complementary

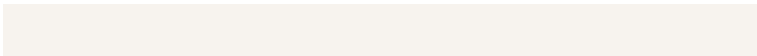
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



84.3821, 89.7557, 94.8631



85.6118, 89.7557, 101.6193



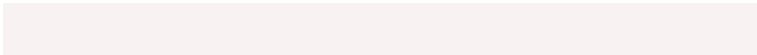
85.7202, 89.7557, 94.0195

Square

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



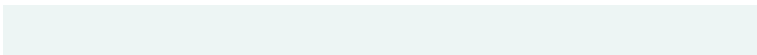
85.6118, 89.7557, 101.6193



86.6580, 89.7557, 96.8682



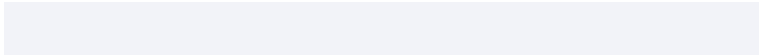
85.0091, 89.7557, 93.9387



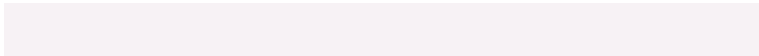
83.9763, 89.7557, 98.5943

Rectangle

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



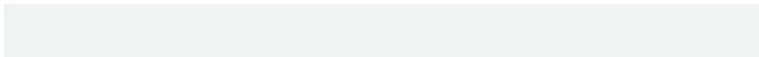
85.6118, 89.7557, 101.6193



86.5368, 89.7557, 99.5471



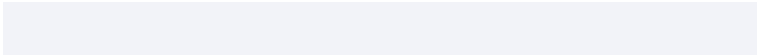
85.0091, 89.7557, 93.9387



84.0951, 89.7557, 95.9326

Sweetspot

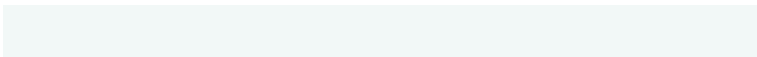
The Sweet Spot groups the original color and five complimentary colors.



85.6144, 89.7595, 101.6213



93.4444, 98.1723, 108.6318



86.9598, 92.7227, 101.2302



20.0179, 21.0322, 23.2545



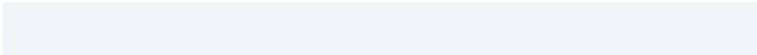
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

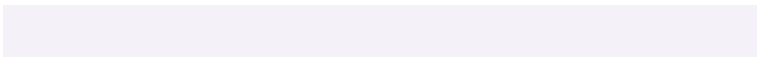
The Same Dimension uses a secret algorithm to generate beautiful new colors.



85.6144, 89.7595, 101.6213



90.2928, 94.5807, 108.1047



85.9703, 89.4982, 101.5521



18.2492, 19.0924, 22.1087



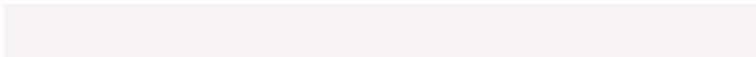
9.6579, 4.6713, 48.3662



0.9589, 0.5614, 4.5010

Inverse Universe

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



86.6432, 89.9335, 97.5908



91.6491, 94.8123, 102.7904



87.6369, 93.1580, 97.3681



18.5991, 19.1529, 20.7378



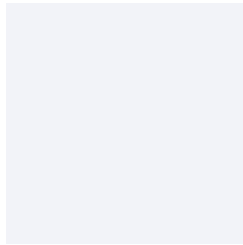
21.1669, 10.8825, 2.3212



1.9929, 1.0209, 0.3861

Previews

White Background



This preview shows how the XYZ color 85.6118, 89.7557, 101.6193 looks on a white background.

Color Contrast Check

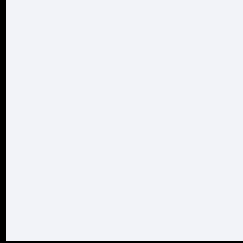
Large Text (above 18pt) WCAG AA × Fail

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 85.6118, 89.7557, 101.6193 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

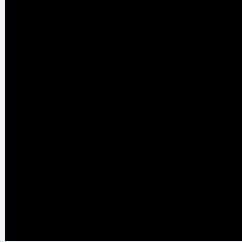
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

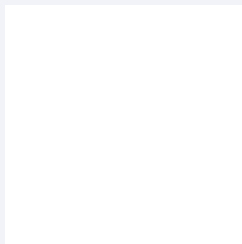
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 85.6118, 89.7557, 101.6193

Background



This preview shows how black text looks on a background with the XYZ color 85.6118, 89.7557, 101.6193.



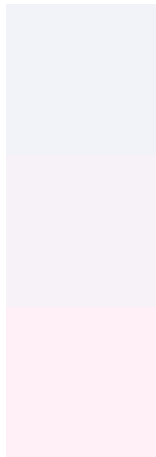
This preview shows how white text looks on a background with the XYZ color 85.6118, 89.7557,

101.6193.

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

85.6118, 89.7557, 101.6193

Protanopia

86.5467, 89.8125, 100.7697

Deuteranopia

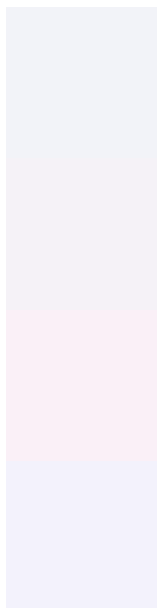
88.8950, 89.7084, 100.6259



Tritanopia

87.1104, 89.9574, 107.3800

Trichromacy



Original Color

85.6118, 89.7557, 101.6193

Protanomaly

86.1968, 89.6321, 100.7534

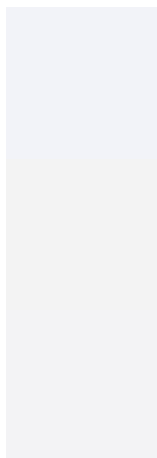
Deuteranomaly

87.3729, 89.3596, 100.6388

Tritanomaly

86.2850, 89.5872, 104.8398

Monochromacy



Original Color

85.6118, 89.7557, 101.6193

Achromatopsia

85.1904, 89.6269, 97.6037

Achromatomaly

85.4942, 89.7484, 99.2034

CSS Examples

Text

The CSS property to change the color of the text to XYZ 85.6118, 89.7557, 101.6193 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(242, 243, 248) looks like.

```
.text, #text, p{  
    color:rgb(242, 243, 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(242, 243, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 243, 248) }
```

Border

The CSS property to change the border of an element to XYZ 85.6118, 89.7557, 101.6193 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(242, 243, 248) }
```


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

```
.border{ border-color:rgb(242, 243, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 243, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 243, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 243, 248);  
box-shadow:4px 4px 4px 4px rgb(242, 243,  
248) }
```

Background

The CSS property to change the background color of an element to XYZ 85.6118, 89.7557, 101.6193 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 243, 248) }
```

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

```
.background{ background-color: rgb(242,  
243, 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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