

Converting Colors

XYZ(85.8005, 91.1248, 99.9767)

Have a look what the booklet for
XYZ(85.8005, 91.1248, 99.9767)
contains.

XYZ(85.8659, 91.2661, 100.2793)	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(85.8659, 91.2661,
100.2793)**

Conversions

Conversions Part 1

Format	Color
Hex	F1F6F6
RGB	241, 246, 246
RGB Percent	95%, 96%, 96%
CMY	0.0549, 0.0353, 0.0353
CMYK	0.02, 0.00, 0.00, 0.04
HSL	180°, 22%, 95%
HSV	180°, 2%, 96%
XYZ	85.8659, 91.2661, 100.2793
YIQ	244.5050, -2.9800, -1.0600

Conversions

Conversions Part 2

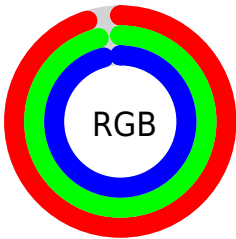
Format	Color
R _Y B	241, 244, 246
Decimal	15857398
CIE Lab	96.52, -1.65, -0.59
CIE LCh	97, 1.747, 199.661
Yxy	91.2661, 0.3095, 0.3290
Android (android.graphics.Color)	4294047478 (0xFFFF1F6F6)
YUV	244.5050, 0.7370, -3.0739
Hunter-Lab	95.5333, -6.7464, 4.6378

Details

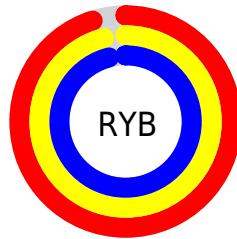
The XYZ color **85.8659, 91.2661, 100.2793** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **85.3418, 88.8566, 95.8765**, and the grayscale version is **86.3917, 90.8908, 98.9801**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **47.7153, 50.8589, 56.0171** is the 20% darker color. If you saturate the color by 10%, you get **78.0268, 87.2278, 99.8985**, and if you desaturate by 10%, it is **90.8354, 93.8302, 100.5295**.

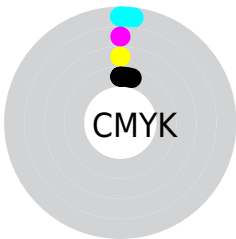
Distribution



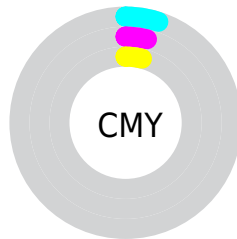
- Red (95%)
- Green (96%)
- Blue (96%)



- Red (95%)
- Yellow (96%)
- Blue (96%)



- Cyan (2%)
- Magenta (0%)
- Yellow (0%)
- Black (4%)



- Cyan (5%)
- Magenta (4%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 85.8659, 91.2661, 100.2793 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 85.8659, 91.2661, 100.2793 by changing the saturation by 10% instead.

85.8659, 91.2661,
100.2793

85.8659, 91.2661,
100.2793

502.9295,
532.1409, 582.3421

64.8820, 69.0312,
75.9156

140.4901,
149.0958, 163.5962

47.6297, 50.7371,
55.8571

174.8612,
185.4594, 203.3865

33.7438, 35.9995,
39.6851

214.4253,
227.3015, 249.1560

22.8588, 24.4338,
26.9812

259.5478,
275.0062, 301.3234

14.6094, 15.6557,
17.3268

310.5942,
328.9582, 360.3072

8.6302, 9.2809,
10.3033

367.9297,

4.5560, 4.9248,

389.5416, 426.5259

5.4923

431.9197,
457.1411, 500.3980

■ 2.0212, 2.2032,
2.4752

■ 0.6458, 0.7217,
0.8270

■ 85.8659, 91.2661,
100.2793

■ 85.8659, 91.2661,
100.2793

■ 78.0268, 87.2278,
99.8985

■ 90.8354, 93.8302,
100.5295

■ 71.2740, 83.7470,
99.5668

■ 90.8384, 93.8314,
100.5454

■ 65.5619, 80.8026,
99.2837

■ 90.8414, 93.8326,
100.5613

■ 60.8387, 78.3681,
99.0469

■ 90.8444, 93.8338,
100.5772

57.0483, 76.4144,
98.8537

90.8474, 93.8350,
100.5932

54.1288, 74.9097,
98.7013

90.8505, 93.8362,
100.6091

52.0111, 73.8183,
98.5865

90.8535, 93.8374,
100.6250

50.6154, 73.0991,
98.5054

90.8565, 93.8386,
100.6409

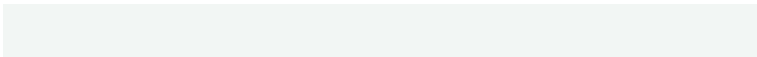
49.8455, 72.7026,
98.4536

90.8595, 93.8398,
100.6568

Harmonies

Analogous

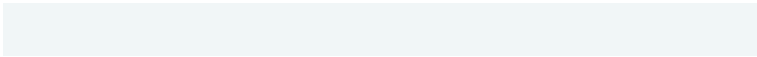
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



85.8267, 91.2661, 98.8922



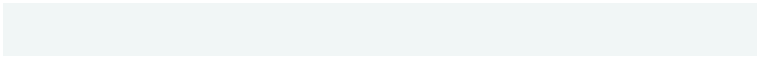
85.8659, 91.2661, 100.2793



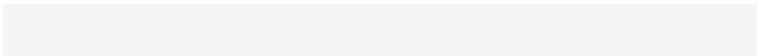
86.1403, 91.2661, 101.4337

Triad

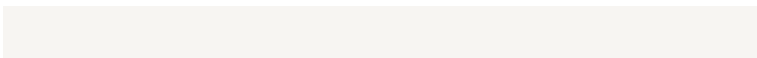
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



85.8659, 91.2661, 100.2793



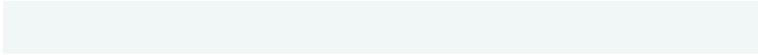
87.4622, 91.2661, 101.1213



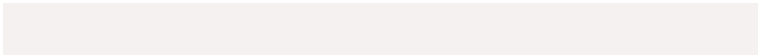
86.9140, 91.2661, 96.7554

Complementary

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



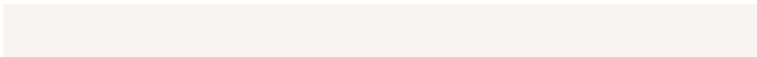
85.8659, 91.2661, 100.2793



85.3418, 88.8566, 95.8765

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.



87.3539, 91.2661, 97.3409



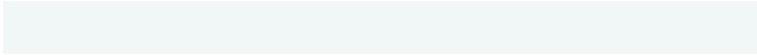
85.8659, 91.2661, 100.2793



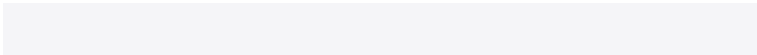
87.6712, 91.2661, 99.8559

Square

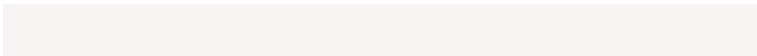
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



85.8659, 91.2661, 100.2793



87.0615, 91.2661, 101.9230



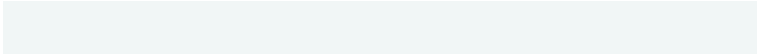
87.6315, 91.2661, 98.4727



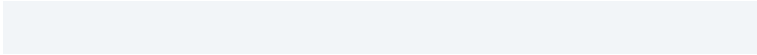
86.4307, 91.2661, 96.8664

Rectangle

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



85.8659, 91.2661, 100.2793



86.4203, 91.2661, 101.9119



87.6315, 91.2661, 98.4727



87.0719, 91.2661, 96.8771

Sweetspot

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



85.8685, 91.2700, 100.2813



94.1177, 99.5194, 108.8547



85.1396, 90.9817, 96.2942



20.1549, 21.3063, 23.2999



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.



85.8685, 91.2700, 100.2813



93.1979, 99.0453, 108.8099



85.1382, 89.8083, 100.0409



18.2854, 19.4222, 21.3270



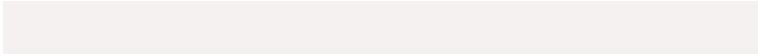
26.4536, 38.7263, 52.5357



2.3252, 3.4037, 4.6183

Inverse Universe

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



85.3418, 88.8566, 95.8765



92.6348, 96.4652, 104.1009



86.0620, 90.2978, 96.1136



18.1809, 18.9432, 20.4528



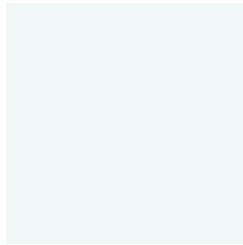
20.2870, 10.4582, 0.9537



1.7832, 0.9192, 0.0848

Previews

White Background



This preview shows how the XYZ color 85.8659, 91.2661, 100.2793 looks on a white background.

Color Contrast Check

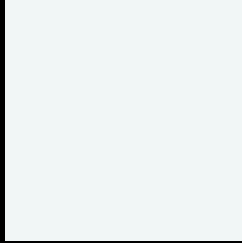
Large Text (above 18pt) WCAG AA × Fail

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 85.8659, 91.2661, 100.2793 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

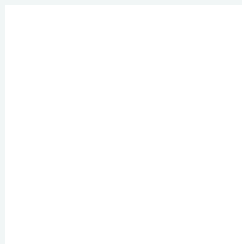
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 85.8659, 91.2661, 100.2793

Background



This preview shows how black text looks on a background with the XYZ color 85.8659, 91.2661, 100.2793.



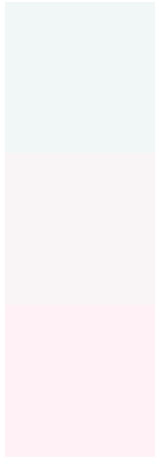
This preview shows how white text looks on a background with the XYZ color 85.8659, 91.2661,

100.2793.

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

85.8659, 91.2661, 100.2793

Protanopia

87.8990, 91.4337, 99.4019

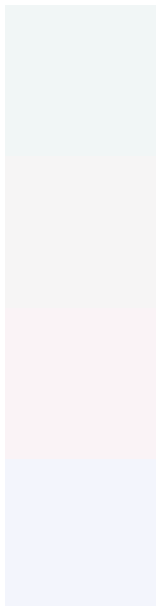
Deuteranopia

89.3298, 90.8244, 100.0115

Tritanopia

87.7089, 91.1545, 107.5796

Trichromacy



Original Color

85.8659, 91.2661, 100.2793

Protanomaly

87.1399, 91.4902, 99.4528

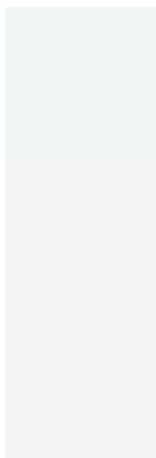
Deuteranomaly

88.1095, 91.0790, 100.1249

Tritanomaly

87.1852, 91.3878, 105.1399

Monochromacy



Original Color

85.8659, 91.2661, 100.2793

Achromatopsia

86.7900, 91.3099, 99.4364

Achromatomaly

86.4421, 91.1305, 99.4202

CSS Examples

Text

The CSS property to change the color of the text to XYZ 85.8659, 91.2661, 100.2793 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, 246, 246) looks like.

```
.text, #text, p{  
    color:rgb(241, 246, 246)  
}
```

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, 246, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 246, 246) }
```

Border

The CSS property to change the border of an element to XYZ 85.8659, 91.2661, 100.2793 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, 246, 246) }
```


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

```
.border{ border-color:rgb(241, 246, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 246, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 246, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 246, 246);  
box-shadow:4px 4px 4px 4px rgb(241, 246,  
246) }
```

Background

The CSS property to change the background color of an element to XYZ 85.8659, 91.2661, 100.2793 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 246, 246) }
```

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

```
.background{ background-color: rgb(241,  
246, 246) }
```

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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