

Converting Colors

XYZ(85.1206, 89.8351, 98.8365)

Have a look what the booklet for
XYZ(85.1206, 89.8351, 98.8365)
contains.

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Color

**XYZ(85.2978, 90.1103,
98.4853)**

Conversions

Conversions Part 1

Format	Color
Hex	F2F4F4
RGB	242, 244, 244
RGB Percent	95%, 96%, 96%
CMY	0.0510, 0.0431, 0.0431
CMYK	0.01, 0.00, 0.00, 0.04
HSL	180°, 8%, 95%
HSV	180°, 1%, 96%
XYZ	85.2978, 90.1103, 98.4853
YIQ	243.4020, -1.1920, -0.4240

Conversions

Conversions Part 2

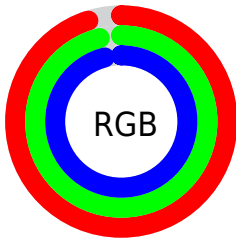
Format	Color
R _Y B	242, 243, 244
Decimal	15922420
CIE Lab	96.04, -0.66, -0.24
CIE LCh	96, 0.701, 200.272
Yxy	90.1103, 0.3114, 0.3290
Android (android.graphics.Color)	4294112500 (0xFFFF2F4F4)
YUV	243.4020, 0.2948, -1.2296
Hunter-Lab	94.9264, -5.7270, 4.9357

Details

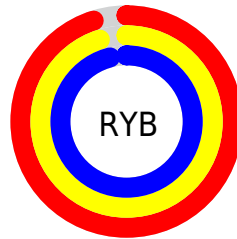
The XYZ color **85.2978, 90.1103, 98.4853** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **85.0908, 89.1506, 96.7320**, and the grayscale version is **85.5122, 89.9655, 97.9724**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **47.3100, 50.0364, 54.7414** is the 20% darker color. If you saturate the color by 10%, you get **77.4685, 86.0776, 98.0811**, and if you desaturate by 10%, it is **89.9294, 92.4997, 98.7435**.

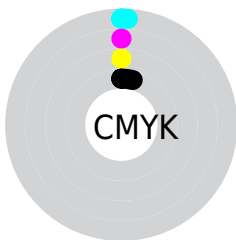
Distribution



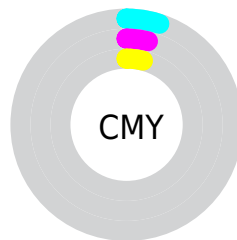
- Red (95%)
- Green (96%)
- Blue (96%)



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



- Cyan (1%)
- Magenta (0%)
- Yellow (0%)
- Black (4%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 85.2978, 90.1103, 98.4853 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 85.2978, 90.1103, 98.4853 by changing the saturation by 10% instead.

85.2978, 90.1103,
98.4853

85.2978, 90.1103,
98.4853

501.0818,
528.3896, 576.5305

64.4108, 68.0721,
74.4263

139.7011,
147.4916, 161.1078

47.2464, 49.9564,
54.6442

173.9480,
183.6035, 200.5083

33.4392, 35.3788,
38.7202

213.3790,
225.1755, 245.8598

22.6240, 23.9548,
26.2360

258.3594,
272.5918, 297.5808

14.4353, 15.3001,
16.7729

309.2545,
326.2371, 356.0899

8.5077, 9.0303,
9.9125

366.4297,

4.4760, 4.7609,

386.4955, 421.8055

5.2361

430.2503,
453.7515, 495.1462

■ 1.9748, 2.1077,
2.3253

■ 0.6198, 0.6689,
0.7453

■ 85.2978, 90.1103,
98.4853

■ 85.2978, 90.1103,
98.4853

■ 77.4685, 86.0776,
98.0811

■ 89.9294, 92.4997,
98.7435

■ 70.7101, 82.5944,
97.7252


■ 89.9370, 92.5027,
98.7835


■ 64.9784, 79.6404,
97.4174


■ 89.9446, 92.5057,
98.8235

■ 60.2230, 77.1898,
97.1553

■ 89.9522, 92.5088,
98.8635


 56.3895, 75.2144,
96.9363


 89.9598, 92.5118,
98.9035


 53.4180, 73.6835,
96.7577


 89.9674, 92.5148,
98.9436


 51.2418, 72.5625,
96.6163

 89.9750, 92.5179,
98.9836

 49.7841, 71.8119,
96.5086

 89.9826, 92.5209,
99.0237

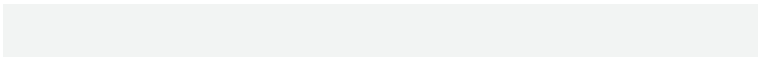
 48.9533, 71.3844,
96.4302

 89.9902, 92.5240,
99.0637

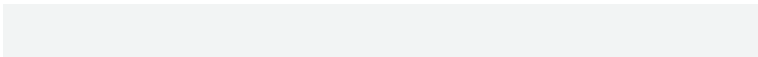
Harmonies

Analogous

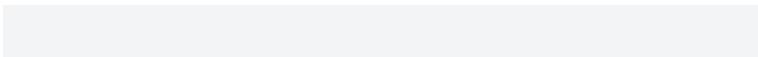
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



85.2801, 90.1103, 97.9345



85.2978, 90.1103, 98.4853



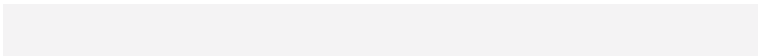
85.4090, 90.1103, 98.9385

Triad

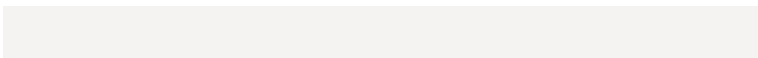
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



85.2978, 90.1103, 98.4853



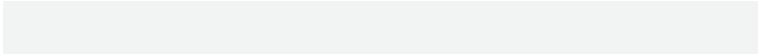
85.9343, 90.1103, 98.7990



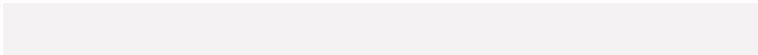
85.7102, 90.1103, 97.0659

Complementary

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



85.2978, 90.1103, 98.4853



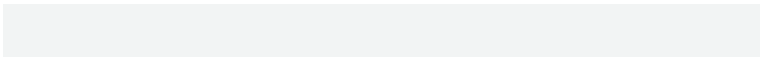
85.0908, 89.1506, 96.7320

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.



85.8857, 90.1103, 97.2957



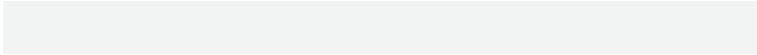
85.2978, 90.1103, 98.4853



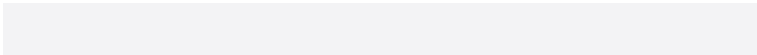
86.0152, 90.1103, 98.2954

Square

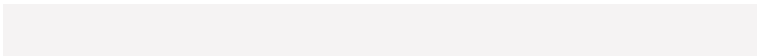
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



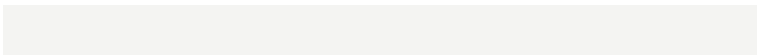
85.2978, 90.1103, 98.4853



85.7764, 90.1103, 99.1200



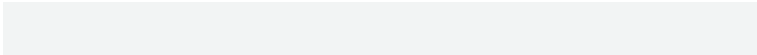
85.9974, 90.1103, 97.7452



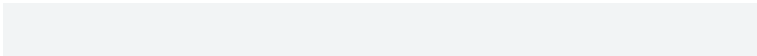
85.5180, 90.1103, 97.1164

Rectangle

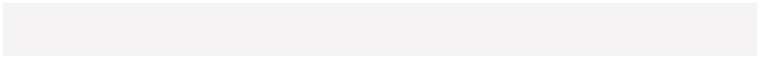
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



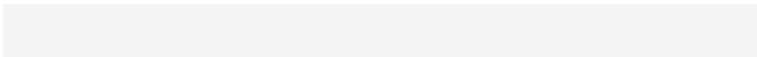
85.2978, 90.1103, 98.4853



85.5213, 90.1103, 99.1235



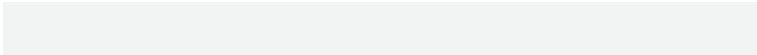
85.9974, 90.1103, 97.7452



85.7731, 90.1103, 97.1129

Sweetspot

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



85.3004, 90.1142, 98.4873

95.0500, 100.0000, 108.9000



85.0097, 89.9992, 96.8968



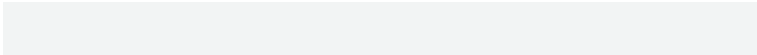
20.3446, 21.4041, 23.3091



0.0000, 0.0000, 0.0000

Same Dimension

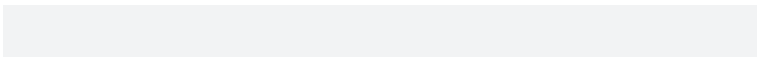
The Same Dimension uses a secret algorithm to generate beautiful new colors.



85.3004, 90.1142, 98.4873



94.1172, 99.5192, 108.8520



85.0103, 89.5330, 98.3936



18.4561, 19.5102, 21.3349



26.4289, 38.7164, 52.4056



2.3233, 3.4030, 4.6084

Inverse Universe

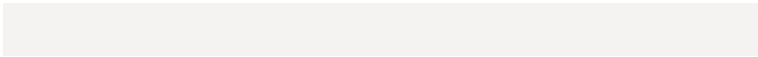
The Inverse Universe completely reimagines the original color for something new.



85.0908, 89.1506, 96.7320



93.8348, 98.2210, 106.4871



85.3792, 89.7285, 96.8251



18.4037, 19.2693, 20.8960



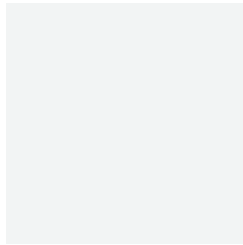
20.2883, 10.4587, 0.9604



1.7836, 0.9194, 0.0869

Previews

White Background



This preview shows how the XYZ color 85.2978, 90.1103, 98.4853 looks on a white background.

Color Contrast Check

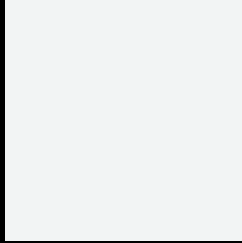
Large Text (above 18pt) WCAG AA × Fail

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 85.2978, 90.1103, 98.4853 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

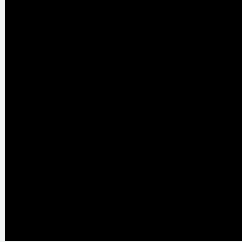
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

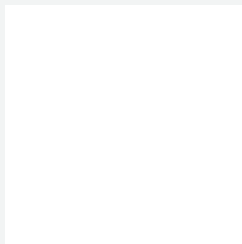
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 85.2978, 90.1103, 98.4853

Background



This preview shows how black text looks on a background with the XYZ color 85.2978, 90.1103, 98.4853.



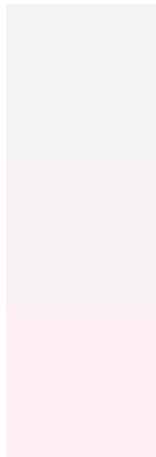
This preview shows how white text looks on a background with the XYZ color 85.2978, 90.1103,

98.4853.

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

85.2978, 90.1103, 98.4853

Protanopia

86.6412, 89.9318, 97.5861

Deuteranopia

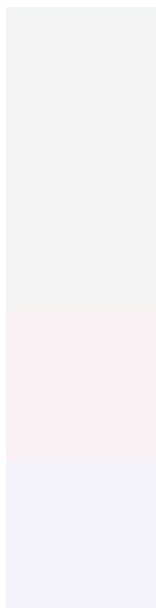
88.8815, 90.1727, 99.1067



Tritanopia

87.1104, 89.9574, 107.3800

Trichromacy



Original Color

85.2978, 90.1103, 98.4853

Protanomaly

86.2343, 90.1651, 97.6526

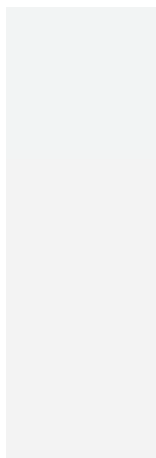
Deuteranomaly

87.3611, 89.8272, 99.1202

Tritanomaly

86.4253, 90.1209, 104.1068

Monochromacy



Original Color

85.2978, 90.1103, 98.4853

Achromatopsia

85.1904, 89.6269, 97.6037

Achromatomaly

85.1904, 89.6269, 97.6037

CSS Examples

Text

The CSS property to change the color of the text to XYZ 85.2978, 90.1103, 98.4853 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, 244, 244) looks like.

```
.text, #text, p{  
    color:rgb(242, 244, 244)  
}
```

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, 244, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 244, 244) }
```

Border

The CSS property to change the border of an element to XYZ 85.2978, 90.1103, 98.4853 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, 244, 244) }
```

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

```
.border{ border-color:rgb(242, 244, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 244, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 244, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 244, 244);  
box-shadow:4px 4px 4px 4px rgb(242, 244,  
244) }
```


Background

The CSS property to change the background color of an element to XYZ 85.2978, 90.1103, 98.4853 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 244, 244) }
```

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

```
.background{ background-color: rgb(242,  
244, 244) }
```

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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