

Converting Colors

XYZ(86.6258, 90.2654,
100.1803)

Have a look what the booklet for
XYZ(86.6258, 90.2654, 100.1803)
contains.

XYZ(86.6912, 90.3478, 100.0585)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

**XYZ(86.6912, 90.3478,
100.0585)**

Conversions

Conversions Part 1

Format	Color
Hex	F6F3F6
RGB	246, 243, 246
RGB Percent	96%, 95%, 96%
CMY	0.0353, 0.0470, 0.0353
CMYK	0.00, 0.01, 0.00, 0.04
HSL	300°, 14%, 96%
HSV	300°, 1%, 96%
XYZ	86.6912, 90.3478, 100.0585
YIQ	244.2390, 0.8250, 1.5690

Conversions

Conversions Part 2

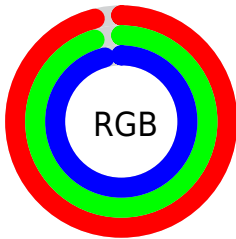
Format	Color
R _{YB}	246, 243, 246
Decimal	16184310
CIE Lab	96.14, 1.53, -1.10
CIE LCh	96, 1.884, 324.351
Yxy	90.3478, 0.3129, 0.3261
Android (android.graphics.Color)	4294374390 (0xFF6F3F6)
YUV	244.2390, 0.8682, 1.5444
Hunter-Lab	95.0515, -3.5400, 4.1228

Details

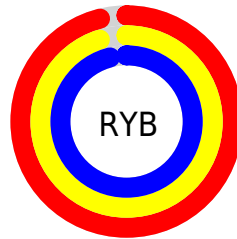
The XYZ color **86.6912, 90.3478, 100.0585** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **86.0990, 91.4397, 97.9104**, and the grayscale version is **86.1754, 90.6632, 98.7322**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **48.2998, 50.2055, 55.8602** is the 20% darker color. If you saturate the color by 10%, you get **79.8180, 76.6004, 97.7677**, and if you desaturate by 10%, it is **90.4016, 97.7671, 101.2973**.

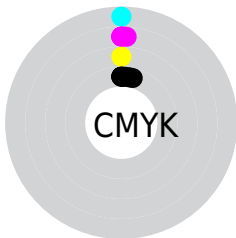
Distribution



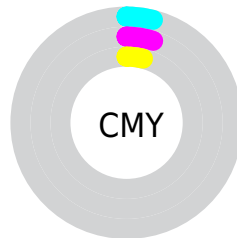
- Red (96%)
- Green (95%)
- Blue (96%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 86.6912, 90.3478, 100.0585 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 86.6912, 90.3478, 100.0585 by changing the saturation by 10% instead.

86.6912, 90.3478,
100.0585

86.6912, 90.3478,
100.0585

505.6074,
529.1616, 581.6285

65.5669, 68.2691,
75.7322

141.6355,
147.8214, 163.2901

48.1873, 50.1167,
55.7076

176.1862,
183.9852, 203.0326

34.1871, 35.5062,
39.5661

215.9431,
225.6127, 248.7509

23.2009, 24.0530,
26.8892

261.2715,
273.0885, 300.8635

14.8635, 15.3730,
17.2583

312.5368,
326.7969, 359.7891

8.8093, 9.0816,
10.2550

370.1043,

4.6731, 4.7944,

387.1222, 425.9461

5.4605

434.3394,
454.4490, 499.7530

■ 2.0895, 2.1272,
2.4565

■ 0.6835, 0.6798,
0.8170

■ 86.6912, 90.3478,
100.0585

■ 86.6912, 90.3478,
100.0585

■ 79.8180, 76.6004,
97.7677

■ 90.4016, 97.7671,
101.2973

■ 73.8896, 64.7439,
95.7908

■ 90.4018, 97.7672,
101.2981

■ 68.8671, 54.6992,
94.1158

■ 90.4020, 97.7673,
101.2990

■ 64.7059, 46.3771,
92.7279

■ 90.4021, 97.7673,
101.2999

61.3577, 39.6808,
91.6110

90.4023, 97.7674,
101.3008

58.7692, 34.5042,
90.7473

90.4025, 97.7675,
101.3017

56.8811, 30.7282,
90.1171

90.4026, 97.7675,
101.3026

55.6251, 28.2165,
89.6976

90.4028, 97.7676,
101.3034

54.9194, 26.8053,
89.4615

90.4030, 97.7677,
101.3043

Harmonies

Analogous

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



86.2875, 90.3478, 101.0159



86.6912, 90.3478, 100.0585



86.8757, 90.3478, 98.6566

Triad

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



86.6912, 90.3478, 100.0585



85.9717, 90.3478, 95.5400



84.9616, 90.3478, 99.5636

Complementary

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



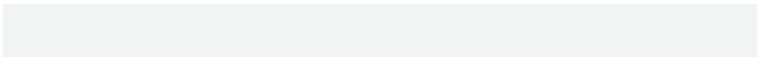
86.6912, 90.3478, 100.0585



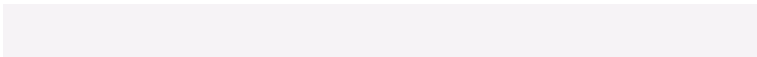
86.0990, 91.4397, 97.9104

Split Complementary

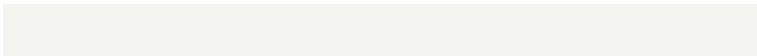
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



84.8778, 90.3478, 98.0907



86.6912, 90.3478, 100.0585



85.4596, 90.3478, 95.7774

Square

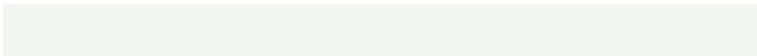
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



86.6912, 90.3478, 100.0585



86.4593, 90.3478, 96.0556



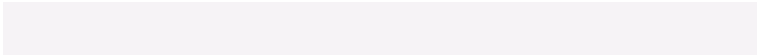
85.0597, 90.3478, 96.7073



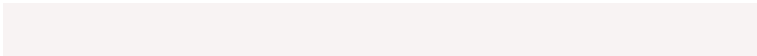
85.2891, 90.3478, 100.7282

Rectangle

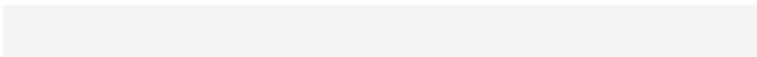
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



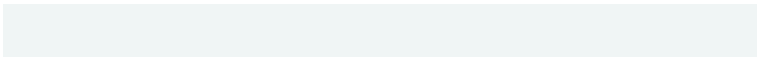
86.6912, 90.3478, 100.0585



86.8491, 90.3478, 97.6625



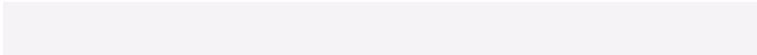
85.0597, 90.3478, 96.7073



84.9040, 90.3478, 99.0877

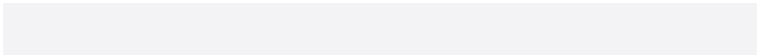
Sweetspot

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



86.6938, 90.3517, 100.0605

95.0500, 100.0000, 108.9000



85.6513, 89.8142, 100.0118



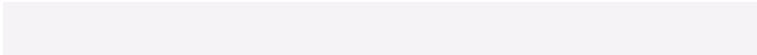
20.3446, 21.4041, 23.3091



0.0000, 0.0000, 0.0000

Same Dimension

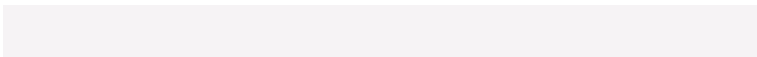
The Same Dimension uses a secret algorithm to generate beautiful new colors.



86.6938, 90.3517, 100.0605



94.2419, 98.3838, 108.6305



86.4647, 90.2601, 98.8543



18.4793, 19.2995, 21.2938



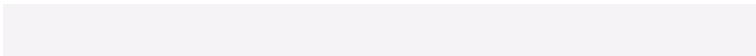
29.1642, 14.0091, 47.7003



2.5633, 1.2313, 4.1924

Inverse Universe

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



86.6938, 90.3517, 100.0605



94.2419, 98.3838, 108.6305



86.3262, 91.5306, 99.1068



18.4793, 19.2995, 21.2938



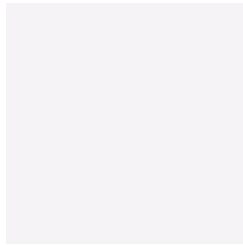
29.1642, 14.0091, 47.7003



2.5633, 1.2313, 4.1924

Previews

White Background



This preview shows how the XYZ color 86.6912, 90.3478, 100.0585 looks on a white background.

Color Contrast Check

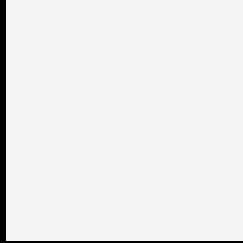
Large Text (above 18pt) WCAG AA × Fail

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 86.6912, 90.3478, 100.0585 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

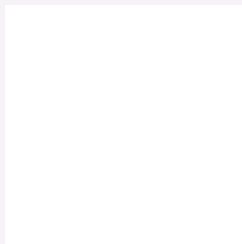
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 86.6912, 90.3478, 100.0585

Background



This preview shows how black text looks on a background with the XYZ color 86.6912, 90.3478, 100.0585.



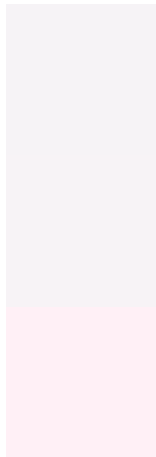
This preview shows how white text looks on a background with the XYZ color 86.6912, 90.3478,

100.0585.

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

86.6912, 90.3478, 100.0585

Protanopia

87.0429, 90.5292, 100.0750

Deuteranopia

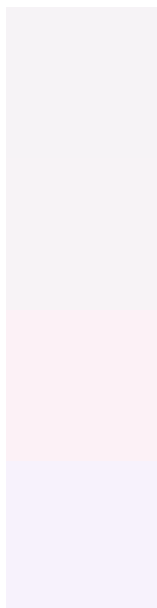
89.0346, 90.2340, 99.9131



Tritanopia

88.1599, 90.4984, 107.4292

Trichromacy



Original Color

86.6912, 90.3478, 100.0585

Protanomaly

87.0429, 90.5292, 100.0750

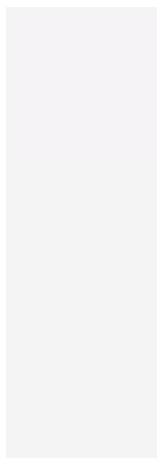
Deuteranomaly

88.2347, 90.2599, 99.9602

Tritanomaly

87.6806, 90.3067, 104.9051

Monochromacy



Original Color

86.6912, 90.3478, 100.0585

Achromatopsia

85.9880, 90.4661, 98.5176

Achromatomaly

86.4883, 90.7064, 99.3359

CSS Examples

Text

The CSS property to change the color of the text to XYZ 86.6912, 90.3478, 100.0585 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(246, 243, 246) looks like.

```
.text, #text, p{  
    color:rgb(246, 243, 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(246, 243, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 243, 246) }
```

Border

The CSS property to change the border of an element to XYZ 86.6912, 90.3478, 100.0585 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(246, 243, 246) }
```

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

```
.border{ border-color:rgb(246, 243, 246) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 243, 246)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 243, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 243, 246);  
box-shadow:4px 4px 4px 4px rgb(246, 243,  
246) }
```


Background

The CSS property to change the background color of an element to XYZ 86.6912, 90.3478, 100.0585 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 243, 246) }
```

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

```
.background{ background-color: rgb(246,  
243, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor