

Converting Colors

XYZ(86.6999, 90.1568,
102.2183)

Have a look what the booklet for
XYZ(86.6999, 90.1568, 102.2183)
contains.

XYZ(86.8057, 90.3532, 102.4873)	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(86.8057, 90.3532,
102.4873)**

Conversions

Conversions Part 1

Format	Color
Hex	F5F3F9
RGB	245, 243, 249
RGB Percent	96%, 95%, 98%
CMY	0.0392, 0.0470, 0.0235
CMYK	0.02, 0.02, 0.00, 0.02
HSL	260°, 33%, 96%
HSV	260°, 2%, 98%
XYZ	86.8057, 90.3532, 102.4873
YIQ	244.2820, -0.7340, 2.2900

Conversions

Conversions Part 2

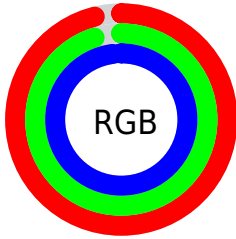
Format	Color
R _Y B	245, 243, 249
Decimal	16118777
CIE Lab	96.14, 1.73, -2.65
CIE LCh	96, 3.171, 303.157
Yxy	90.3532, 0.3104, 0.3231
Android (android.graphics.Color)	4294308857 (0xFF5F3F9)
YUV	244.2820, 2.3260, 0.6297
Hunter-Lab	95.0543, -3.3349, 2.6117

Details

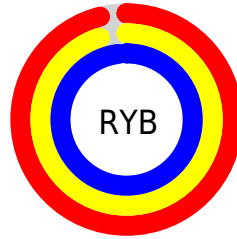
The XYZ color **86.8057, 90.3532, 102.4873** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **88.4144, 93.9990, 98.2822**, and the grayscale version is **86.1994, 90.6885, 98.7598**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **48.3822, 50.2097, 57.5935** is the 20% darker color. If you saturate the color by 10%, you get **74.3172, 73.5953, 99.9123**, and if you desaturate by 10%, it is **94.0991, 99.6197, 103.8929**.

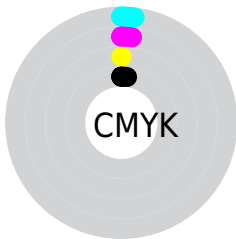
Distribution



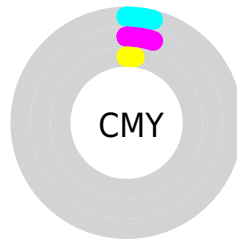
- Red (96%)
- Green (95%)
- Blue (98%)



- Red (96%)
- Yellow (95%)
- Blue (98%)



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



- Cyan (4%)
- Magenta (5%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 86.8057, 90.3532, 102.4873 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 86.8057, 90.3532, 102.4873 by changing the saturation by 10% instead.

86.8057, 90.3532,
102.4873

86.8057, 90.3532,
102.4873

505.9783,
529.1791, 589.4527

65.6619, 68.2736,
77.7510

141.7943,
147.8289, 166.6527

48.2647, 50.1204,
57.3542

176.3699,
183.9938, 206.9189

34.2487, 35.5091,
40.8784

216.1535,
225.6226, 253.1988

23.2485, 24.0553,
27.9051

261.5103,
273.0998, 305.9109

14.8988, 15.3746,
18.0157

312.8059,
326.8096, 365.4739

8.8343, 9.0827,
10.7917

370.4055,

4.6895, 4.7952,

387.1365, 432.3061

5.8146

434.6745,
454.4649, 506.8262

■ 2.0991, 2.1276,
2.6657

■ 0.6887, 0.6801,
0.9261

■ 86.8057, 90.3532,
102.4873

■ 86.8057, 90.3532,
102.4873

■ 74.3172, 73.5953,
99.9123

■ 94.0991, 99.6197,
103.8929

■ 63.3028, 59.0350,
97.6824

■ 53.7079, 46.5826,
95.7845

■ 45.4714, 36.1378,
94.2026

■ 38.5272, 27.5918,
92.9191

■ 32.8037, 20.8255,
91.9147

■ 28.2212, 15.7055,
91.1680

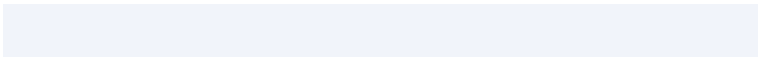
■ 24.6897, 12.0790,
90.6541

■ 22.1026, 9.7623,
90.3433

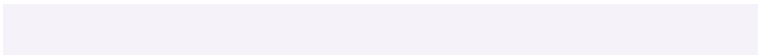
Harmonies

Analogous

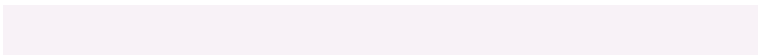
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



85.9711, 90.3532, 103.2918



86.8057, 90.3532, 102.4873



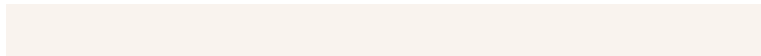
87.3948, 90.3532, 100.5811

Triad

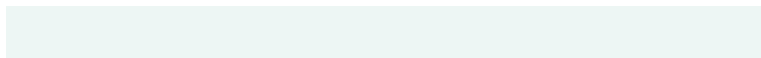
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



86.8057, 90.3532, 102.4873



86.6434, 90.3532, 94.1234



84.2015, 90.3532, 98.6461

Complementary

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



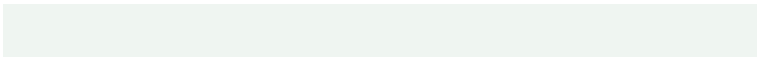
86.8057, 90.3532, 102.4873



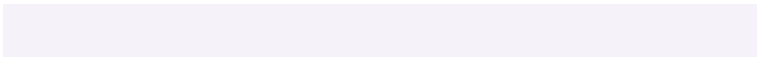
88.4144, 93.9990, 98.2822

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.



84.3788, 90.3532, 96.2098



86.8057, 90.3532, 102.4873



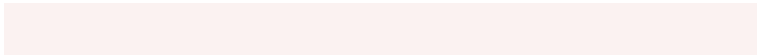
85.7850, 90.3532, 93.6251

Square

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



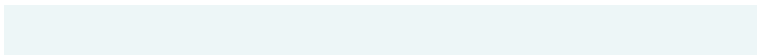
86.8057, 90.3532, 102.4873



87.3007, 90.3532, 95.7556



84.9569, 90.3532, 94.3825



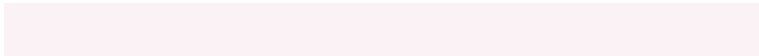
84.4709, 90.3532, 101.0504

Rectangle

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



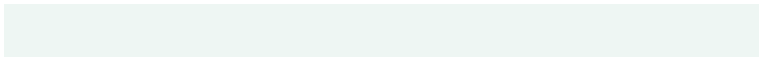
86.8057, 90.3532, 102.4873



87.5670, 90.3532, 98.9571



84.9569, 90.3532, 94.3825



84.2109, 90.3532, 97.8037

Sweetspot

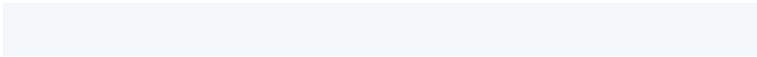
The Sweet Spot groups the original color and five complimentary colors.



86.8083, 90.3571, 102.4893



93.6188, 98.0626, 108.6015



87.3555, 92.4799, 102.8702



20.0534, 21.0099, 23.2483



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.



86.8083, 90.3571, 102.4893



90.8053, 94.2607, 108.0159



87.8283, 90.8829, 102.5370



18.3809, 19.0104, 22.0859



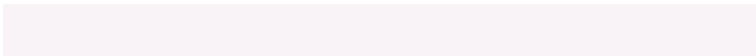
11.1913, 4.7120, 48.2932



1.1439, 0.4918, 4.4778

Inverse Universe

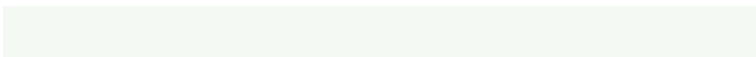
The Inverse Universe completely reimagines the original color for something new.



87.9092, 90.9604, 100.9240



92.2505, 95.0528, 105.9574



87.3994, 93.4757, 98.2347



18.7539, 19.2148, 21.5533



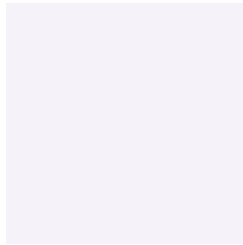
24.6700, 12.2837, 20.7683



2.3340, 1.1573, 2.1823

Previews

White Background



This preview shows how the XYZ color 86.8057, 90.3532, 102.4873 looks on a white background.

Color Contrast Check

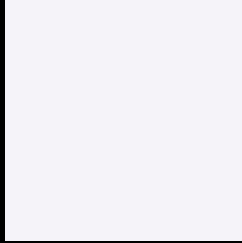
Large Text (above 18pt) WCAG AA × Fail

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 86.8057, 90.3532, 102.4873 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

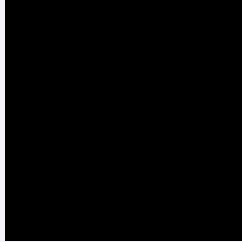
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

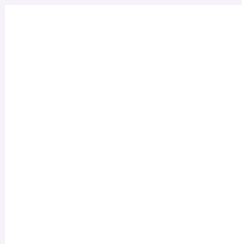
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 86.8057, 90.3532, 102.4873

Background



This preview shows how black text looks on a background with the XYZ color 86.8057, 90.3532, 102.4873.



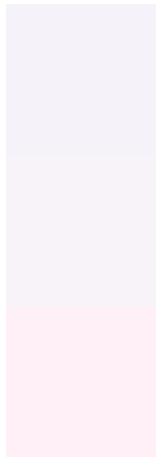
This preview shows how white text looks on a background with the XYZ color 86.8057, 90.3532,

102.4373.

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

86.8057, 90.3532, 102.4873

Protanopia

87.5072, 90.7149, 102.5201

Deuteranopia

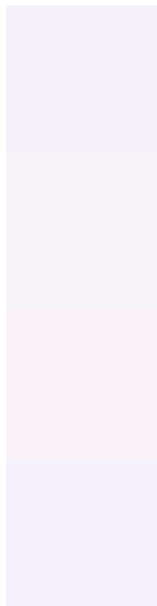
89.1886, 90.2956, 100.7237



Tritanopia

87.8082, 90.3171, 107.4127

Trichromacy



Original Color

86.8057, 90.3532, 102.4873

Protanomaly

87.1555, 90.5336, 102.5037

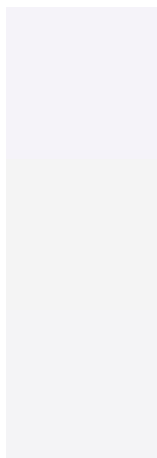
Deuteranomaly

88.1822, 90.1971, 101.5690

Tritanomaly

87.4878, 90.1889, 105.7256

Monochromacy



Original Color

86.8057, 90.3532, 102.4873

Achromatopsia

85.9880, 90.4661, 98.5176

Achromatomaly

86.2935, 90.5883, 100.1259

CSS Examples

Text

The CSS property to change the color of the text to XYZ 86.8057, 90.3532, 102.4873 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(245, 243, 249) looks like.

```
.text, #text, p{  
    color:rgb(245, 243, 249)  
}
```

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(245, 243, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 243, 249) }
```

Border

The CSS property to change the border of an element to XYZ 86.8057, 90.3532, 102.4873 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(245, 243, 249) }
```


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

```
.border{ border-color:rgb(245, 243, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 243, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 243, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 243, 249);  
box-shadow:4px 4px 4px 4px rgb(245, 243,  
249) }
```

Background

The CSS property to change the background color of an element to XYZ 86.8057, 90.3532, 102.4873 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 243, 249) }
```

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

```
.background{ background-color: rgb(245,  
243, 249) }
```

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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