

Converting Colors

XYZ(85.2071, 90.7240,
102.7488)

Have a look what the booklet for
XYZ(85.2071, 90.7240, 102.7488)
contains.

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Color

**XYZ(85.3145, 90.9282,
102.6769)**

Conversions

Conversions Part 1

Format	Color
Hex	EEF6F9
RGB	238, 246, 249
RGB Percent	93%, 96%, 98%
CMY	0.0667, 0.0353, 0.0235
CMYK	0.04, 0.01, 0.00, 0.02
HSL	196°, 48%, 95%
HSV	196°, 4%, 98%
XYZ	85.3145, 90.9282, 102.6769
YIQ	243.9500, -5.7310, -0.7630

Conversions

Conversions Part 2

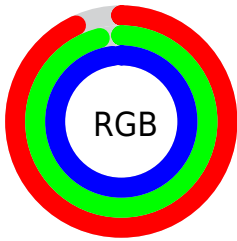
Format	Color
R _Y B	238, 243, 249
Decimal	15660793
CIE Lab	96.38, -2.08, -2.37
CIE LCh	96, 3.152, 228.644
Yxy	90.9282, 0.3059, 0.3260
Android (android.graphics.Color)	4293850873 (0xFFEEF6F9)
YUV	243.9500, 2.4897, -5.2181
Hunter-Lab	95.3563, -7.1710, 2.9076

Details

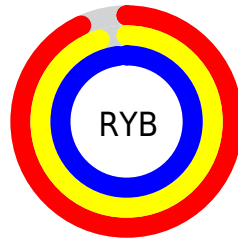
The XYZ color **85.3145, 90.9282, 102.6769** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **85.9550, 89.2225, 93.5816**, and the grayscale version is **85.9353, 90.4106, 98.4572**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **47.3305, 50.6223, 57.7286** is the 20% darker color. If you saturate the color by 10%, you get **75.5012, 82.8650, 101.6392**, and if you desaturate by 10%, it is **93.3974, 98.2163, 103.6590**.

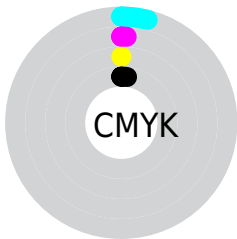
Distribution



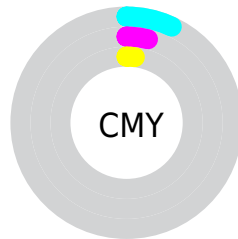
- Red (93%)
- Green (96%)
- Blue (98%)



- Red (93%)
- Yellow (95%)
- Blue (98%)



- Cyan (4%)
- Magenta (1%)
- Yellow (0%)
- Black (2%)



- Cyan (7%)
- Magenta (4%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 85.3145, 90.9282, 102.6769 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 85.3145, 90.9282, 102.6769 by changing the saturation by 10% instead.

85.3145, 90.9282,
102.6769

85.3145, 90.9282,
102.6769

501.1362,
531.0456, 590.0612

64.4246, 68.7507,
77.9087

139.7243,
148.6270, 166.9149

47.2577, 50.5087,
57.4830

173.9749,
184.9172, 207.2217

33.4482, 35.8178,
40.9812

213.4098,
226.6804, 253.5452

22.6309, 24.2935,
27.9848

258.3943,
274.3010, 306.3039

14.4404, 15.5515,
18.0753

309.2939,
328.1635, 365.9163

8.5113, 9.2073,
10.8340

366.4738,

4.4784, 4.8767,

388.6521, 432.8010

5.8426

430.2995,
456.1514, 507.3764

■ 1.9762, 2.1751,
2.6824

■ 0.6205, 0.7064,
0.9345

■ 85.3145, 90.9282,
102.6769

■ 85.3145, 90.9282,
102.6769

■ 75.5012, 82.8650,
101.6392

■ 93.3974, 98.2163,
103.6590

■ 66.8689, 75.5187,
100.6762

■ 94.0992, 99.6197,
103.8929

■ 59.3690, 68.8657,
99.7873

■ 52.9464, 62.8763,
98.9697

■ 47.5411, 57.5183,
98.2204

■ 43.0871, 52.7565,
97.5360

■ 39.5098, 48.5511,
96.9129

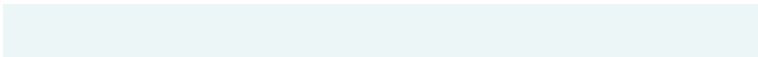
■ 36.7229, 44.8563,
96.3466

■ 34.6208, 41.6164,
95.8320

Harmonies

Analogous

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



84.8357, 90.9282, 100.5582



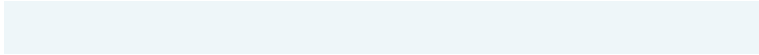
85.3145, 90.9282, 102.6769



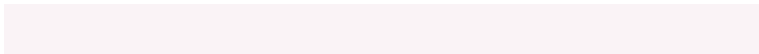
86.0927, 90.9282, 103.8188

Triad

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



85.3145, 90.9282, 102.6769



88.0893, 90.9282, 99.9599



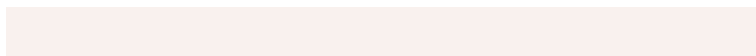
85.8863, 90.9282, 94.4970

Complementary

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



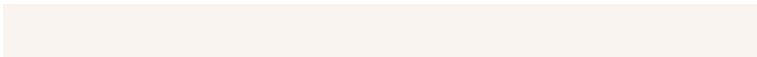
85.3145, 90.9282, 102.6769



85.9550, 89.2225, 93.5816

Split Complementary

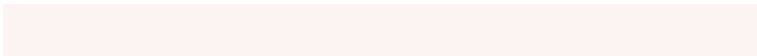
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



86.7572, 90.9282, 94.3430



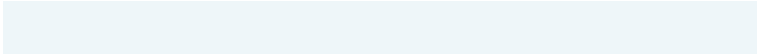
85.3145, 90.9282, 102.6769



88.0331, 90.9282, 97.4686

Square

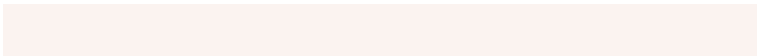
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



85.3145, 90.9282, 102.6769



87.6972, 90.9282, 102.2325



87.5441, 90.9282, 95.4224



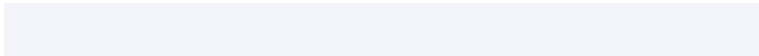
85.1642, 90.9282, 95.8468

Rectangle

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



85.3145, 90.9282, 102.6769



86.6784, 90.9282, 103.8598



87.5441, 90.9282, 95.4224



86.1712, 90.9282, 94.3046

Sweetspot

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



85.3171, 90.9321, 102.6789



93.8969, 99.0772, 108.7827



85.0042, 92.2769, 96.4992



20.1100, 21.2163, 23.2852



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.



85.3171, 90.9321, 102.6789



89.4160, 95.4658, 108.3218



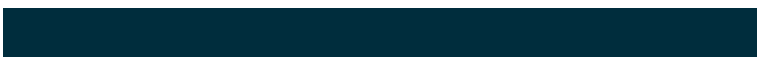
83.6873, 87.6724, 102.1356



18.1672, 19.4359, 22.1793



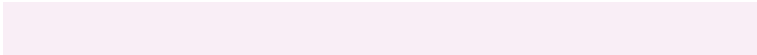
18.1417, 21.6389, 51.1941



1.7683, 2.1803, 4.7708

Inverse Universe

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



86.2780, 87.9443, 99.6209



90.5624, 91.9115, 104.6707



87.5887, 92.4897, 94.1261



18.4337, 18.6124, 21.3297



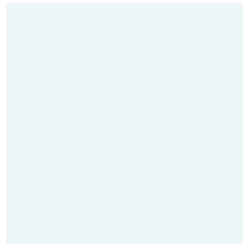
25.4491, 12.5954, 24.8712



2.4015, 1.1843, 2.5376

Previews

White Background



This preview shows how the XYZ color 85.3145, 90.9282, 102.6769 looks on a white background.

Color Contrast Check

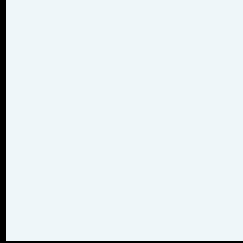
Large Text (above 18pt) WCAG AA × Fail

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 85.3145, 90.9282, 102.6769 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

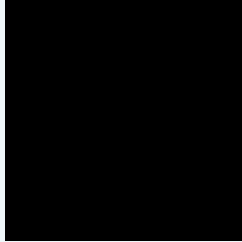
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

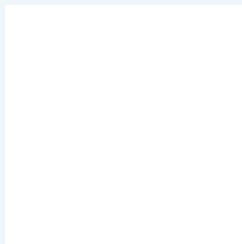
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 85.3145, 90.9282, 102.6769

Background



This preview shows how black text looks on a background with the XYZ color 85.3145, 90.9282, 102.6769.

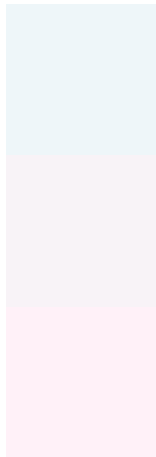


This preview shows how white text looks on a background with the XYZ color 85.3145, 90.9282,

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

85.3145, 90.9282, 102.6769

Protanopia

87.5505, 90.7730, 100.9022

Deuteranopia

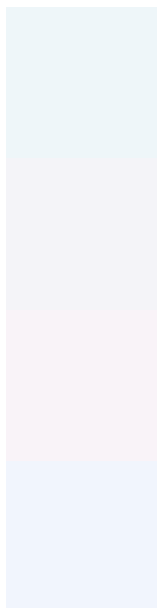
89.6386, 90.9479, 101.6372



Tritanopia

87.0186, 90.7986, 107.5473

Trichromacy



Original Color

85.3145, 90.9282, 102.6769

Protanomaly

86.6022, 90.7118, 101.7516

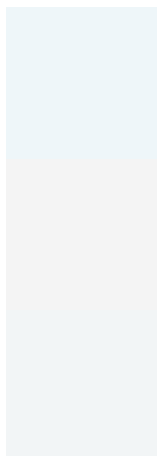
Deuteranomaly

88.0608, 91.0182, 101.7339

Tritanomaly

86.6577, 91.0974, 105.9447

Monochromacy



Original Color

85.3145, 90.9282, 102.6769

Achromatopsia

85.9880, 90.4661, 98.5176

Achromatomaly

85.9049, 90.8359, 100.1942

CSS Examples

Text

The CSS property to change the color of the text to XYZ 85.3145, 90.9282, 102.6769 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(238, 246, 249) looks like.

```
.text, #text, p{  
    color:rgb(238, 246, 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(238, 246, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 246, 249) }
```

Border

The CSS property to change the border of an element to XYZ 85.3145, 90.9282, 102.6769 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(238, 246, 249) }
```


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

```
.border{ border-color:rgb(238, 246, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 246, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 246, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 246, 249);  
box-shadow:4px 4px 4px 4px rgb(238, 246,  
249) }
```

Background

The CSS property to change the background color of an element to XYZ 85.3145, 90.9282, 102.6769 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 246, 249) }
```

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

```
.background{ background-color: rgb(238,  
246, 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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