

Converting Colors

XYZ(85.0510, 90.2864,
106.4668)

Have a look what the booklet for
XYZ(85.0510, 90.2864, 106.4668)
contains.

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Color

**XYZ(85.1339, 90.2934,
106.7073)**

Conversions

Conversions Part 1

Format	Color
Hex	ECF5FE
RGB	236, 245, 254
RGB Percent	93%, 96%, 100%
CMY	0.0745, 0.0392, 0.0039
CMYK	0.07, 0.04, 0.00, 0.00
HSL	210°, 90%, 96%
HSV	210°, 7%, 100%
XYZ	85.1339, 90.2934, 106.7073
YIQ	243.3350, -8.2530, 0.8910

Conversions

Conversions Part 2

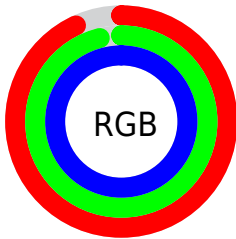
Format	Color
R _{YB}	236, 242, 254
Decimal	15529470
CIE Lab	96.12, -1.29, -5.35
CIE LCh	96, 5.506, 256.412
Yxy	90.2934, 0.3017, 0.3200
Android (android.graphics.Color)	4293719550 (0xFFECEF5FE)
YUV	243.3350, 5.2578, -6.4328
Hunter-Lab	95.0228, -6.3663, -0.0646

Details

The XYZ color **85.1339, 90.2934, 106.7073** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **88.6662, 92.4313, 92.5263**, and the grayscale version is **85.4245, 89.8732, 97.8719**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **47.0980, 50.1297, 60.0170** is the 20% darker color. If you saturate the color by 10%, you get **73.5838, 78.8341, 105.1056**, and if you desaturate by 10%, it is **94.8897, 99.9359, 108.0557**.

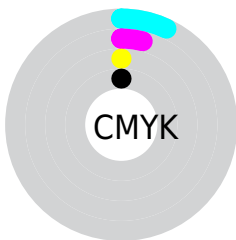
Distribution



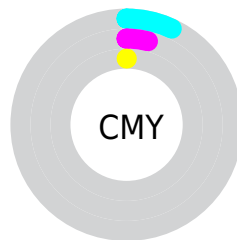
- Red (93%)
- Green (96%)
- Blue (100%)



- Red (93%)
- Yellow (95%)
- Blue (100%)



- Cyan (7%)
- Magenta (4%)
- Yellow (0%)
- Black (0%)



- Cyan (7%)
- Magenta (4%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 85.1339, 90.2934, 106.7073 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 85.1339, 90.2934, 106.7073 by changing the saturation by 10% instead.

85.1339, 90.2934,
106.7073

85.1339, 90.2934,
106.7073

500.5480,
528.9848, 602.9189

64.2749, 68.2240,
81.2658

139.4733,
147.7459, 172.4764

47.1359, 50.0800,
60.2282

173.6844,
183.8977, 213.6411

33.3515, 35.4770,
43.1761

213.0769,
225.5126, 260.8839

22.5564, 24.0305,
29.6909

258.0162,
272.9747, 314.6234

14.3852, 15.3563,
19.3540

308.8676,
326.6687, 375.2781

8.4725, 9.0698,
11.7470

365.9964,

4.4531, 4.7867,

386.9787, 443.2665

6.4512

429.7681,
454.2893, 519.0073

■ 1.9615, 2.1227,
3.0481

■ 0.6122, 0.6773,
1.1193

■ 85.1339, 90.2934,
106.7073

■ 85.1339, 90.2934,
106.7073

■ 73.5838, 78.8341,
105.1056

94.8897, 99.9359,
108.0557

■ 63.4383, 68.4799,
103.6418

■ 54.6407, 59.1960,
102.3135

■ 47.1272, 50.9410,
101.1161

■ 40.8283, 43.6708,
100.0448

■ 35.6675, 37.3368,
99.0942

■ 31.5582, 31.8853,
98.2585

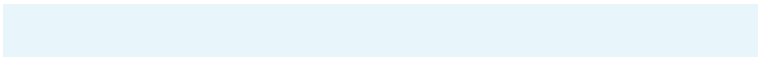
■ 28.3998, 27.2546,
97.5312

■ 26.0650, 23.3690,
96.9043

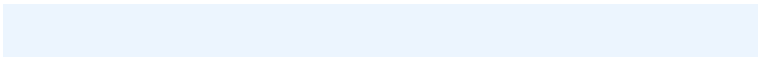
Harmonies

Analogous

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



83.8147, 90.2934, 104.5249



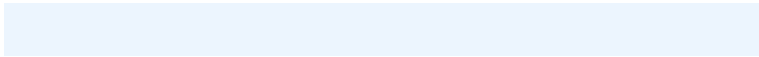
85.1339, 90.2934, 106.7073



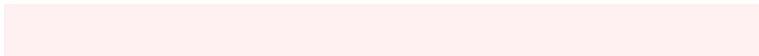
86.6525, 90.2934, 106.5942

Triad

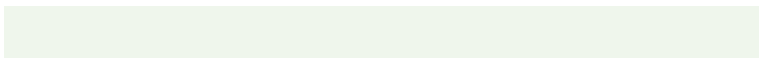
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



85.1339, 90.2934, 106.7073



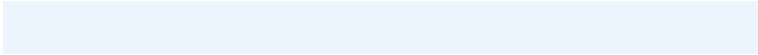
88.6656, 90.2934, 95.9599



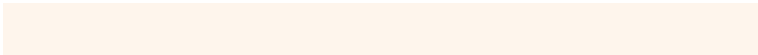
83.7142, 90.2934, 92.6355

Complementary

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



85.1339, 90.2934, 106.7073



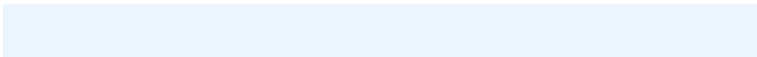
88.6662, 92.4313, 92.5263

Split Complementary

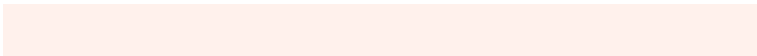
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



84.9951, 90.2934, 90.4744



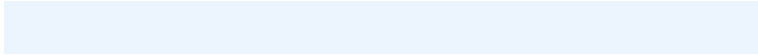
85.1339, 90.2934, 106.7073



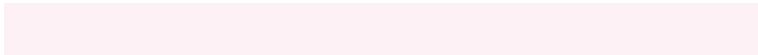
87.8594, 90.2934, 92.3545

Square

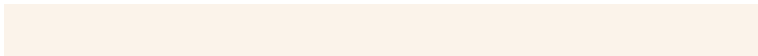
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



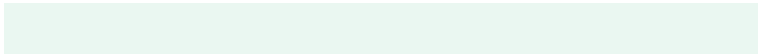
85.1339, 90.2934, 106.7073



88.7038, 90.2934, 100.3010



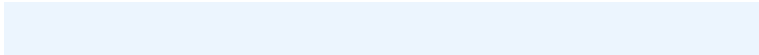
86.5121, 90.2934, 90.3731



83.0016, 90.2934, 96.3538

Rectangle

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



85.1339, 90.2934, 106.7073



87.5740, 90.2934, 105.2305



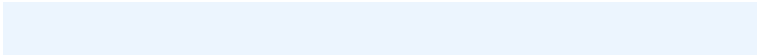
86.5121, 90.2934, 90.3731



84.0919, 90.2934, 91.7077

Sweetspot

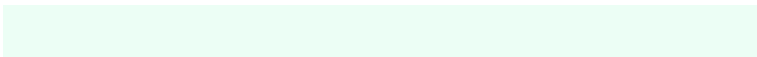
The Sweet Spot groups the original color and five complimentary colors.



85.1365, 90.2972, 106.7093



92.3907, 97.4299, 108.5441



86.4711, 95.2923, 99.9836



19.8033, 20.8810, 23.2366



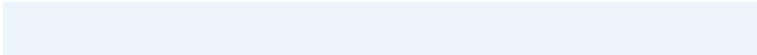
0.0000, 0.0000, 0.0000



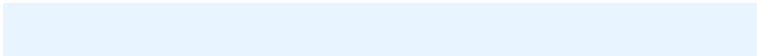
20.3446, 21.4041, 23.3091

Same Dimension

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



85.1365, 90.2972, 106.7093



83.5542, 88.8027, 107.3446



82.5650, 85.1542, 105.8521



17.7537, 18.8790, 22.9582



13.5836, 12.0769, 51.0497



1.4318, 1.3943, 5.0069

Inverse Universe

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



87.3520, 87.6562, 98.7060



86.3685, 85.5045, 97.1658



91.3615, 97.8218, 93.4248



18.3883, 18.1386, 20.6621



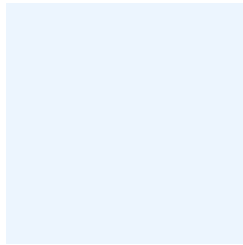
23.6446, 11.9471, 12.0448



2.3573, 1.1853, 1.4630

Previews

White Background



This preview shows how the XYZ color 85.1339, 90.2934, 106.7073 looks on a white background.

Color Contrast Check

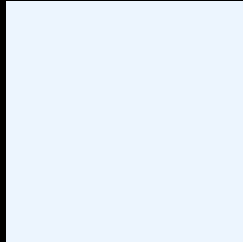
Large Text (above 18pt) WCAG AA × Fail

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 85.1339, 90.2934, 106.7073 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

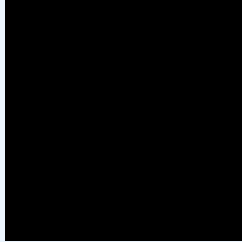
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

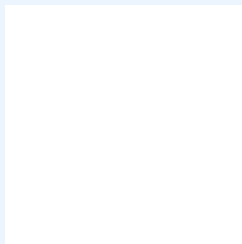
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 85.1339, 90.2934, 106.7073

Background



This preview shows how black text looks on a background with the XYZ color 85.1339, 90.2934, 106.7073.



This preview shows how white text looks on a background with the XYZ color 85.1339, 90.2934,

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

85.1339, 90.2934, 106.7073

Protanopia

86.9790, 89.9450, 104.8723

Deuteranopia

89.5191, 89.9580, 103.9123



Tritanopia

86.3359, 90.4466, 107.5153

Trichromacy



Original Color

85.1339, 90.2934, 106.7073

Protanomaly

86.3982, 90.0703, 105.7601

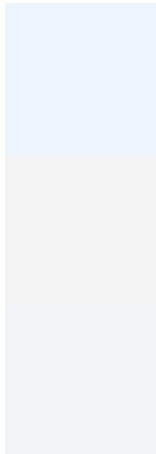
Deuteranomaly

87.7374, 89.8953, 104.8227

Tritanomaly

85.9973, 90.2721, 107.4995

Monochromacy



Original Color

85.1339, 90.2934, 106.7073

Achromatopsia

85.1904, 89.6269, 97.6037

Achromatomaly

85.0744, 89.9420, 100.8723

CSS Examples

Text

The CSS property to change the color of the text to XYZ 85.1339, 90.2934, 106.7073 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(236, 245, 254) looks like.

```
.text, #text, p{  
    color:rgb(236, 245, 254)  
}
```

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(236, 245, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 245, 254) }
```

Border

The CSS property to change the border of an element to XYZ 85.1339, 90.2934, 106.7073 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(236, 245, 254) }
```


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

```
.border{ border-color:rgb(236, 245, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 245, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 245, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 245, 254);  
box-shadow:4px 4px 4px 4px rgb(236, 245,  
254) }
```

Background

The CSS property to change the background color of an element to XYZ 85.1339, 90.2934, 106.7073 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 245, 254) }
```

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

```
.background{ background-color: rgb(236,  
245, 254) }
```

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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