

Converting Colors

XYZ(85.7041, 92.4403,
105.4212)

Have a look what the booklet for
XYZ(85.7041, 92.4403, 105.4212)
contains.

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Color

**XYZ(85.7073, 92.4418,
105.4213)**

Conversions

Conversions Part 1

Format	Color
Hex	EBF9FC
RGB	235, 249, 252
RGB Percent	92%, 98%, 99%
CMY	0.0784, 0.0235, 0.0118
CMYK	0.07, 0.01, 0.00, 0.01
HSL	191°, 74%, 95%
HSV	191°, 7%, 99%
XYZ	85.7073, 92.4418, 105.4213
YIQ	245.1560, -9.3070, -2.0350

Conversions

Conversions Part 2

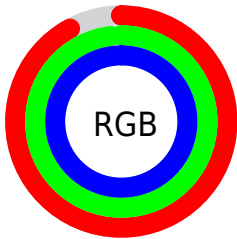
Format	Color
R _Y B	235, 243, 252
Decimal	15464956
CIE Lab	97.00, -4.02, -3.03
CIE LCh	97, 5.031, 217.020
Yxy	92.4418, 0.3022, 0.3260
Android (android.graphics.Color)	4293655036 (0xFFEBF9FC)
YUV	245.1560, 3.3741, -8.9068
Hunter-Lab	96.1467, -9.1377, 2.2933

Details

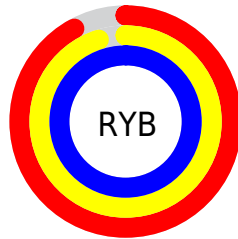
The XYZ color **85.7073, 92.4418, 105.4213** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **85.7151, 87.8420, 91.0362**, and the grayscale version is **86.8979, 91.4233, 99.5600**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **47.5107, 51.6638, 59.0978** is the 20% darker color. If you saturate the color by 10%, you get **76.6136, 85.7424, 104.6089**, and if you desaturate by 10%, it is **94.0775, 98.8215, 106.2130**.

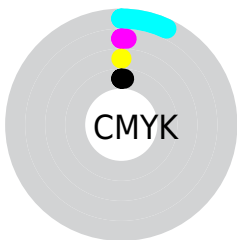
Distribution



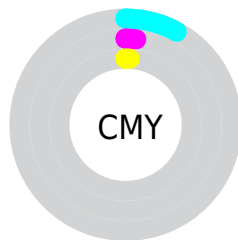
- Red (92%)
- Green (98%)
- Blue (99%)



- Red (92%)
- Yellow (95%)
- Blue (99%)



- Cyan (7%)
- Magenta (1%)
- Yellow (0%)
- Black (1%)



- Cyan (8%)
- Magenta (2%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 85.7073, 92.4418, 105.4213 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 85.7073, 92.4418, 105.4213 by changing the saturation by 10% instead.

85.7073, 92.4418,
105.4213

85.7073, 92.4418,
105.4213

502.4141,
535.9423, 598.8320

64.7504, 70.0076,
80.1937

140.2699,
150.7256, 170.7042

47.5227, 51.5328,
59.3507

174.6063,
187.3440, 211.5965

33.6587, 36.6328,
42.4736

214.1333,
229.4592, 258.5476

22.7932, 24.9233,
29.1440

259.2162,
277.4557, 311.9759

14.5607, 16.0199,
18.9433

310.2204,
331.7179, 372.2999

8.5960, 9.5382,
11.4529

367.5112,

4.5336, 5.0939,

392.6301, 439.9383

6.2543

431.4540,
460.5768, 515.3095

■ 2.0082, 2.3025,
2.9291

■ 0.6386, 0.7750,
1.0585

■ 85.7073, 92.4418,
105.4213

■ 85.7073, 92.4418,
105.4213

■ 76.6136, 85.7424,
104.6089

■ 94.0775, 98.8215,
106.2130

■ 68.6788, 79.6857,
103.8580

■ 94.5710, 99.8084,
106.3775

■ 61.8526, 74.2480,
103.1683

■ 56.0777, 69.3995,
102.5368

■ 51.2918, 65.1077,
101.9606

■ 47.4256, 61.3365,
101.4365

■ 44.4006, 58.0452,
100.9606

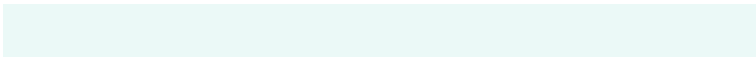
■ 42.1248, 55.1858,
100.5287

■ 40.4822, 52.6984,
100.1351

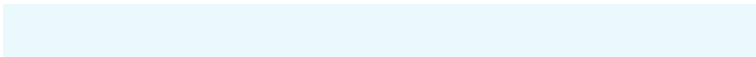
Harmonies

Analogous

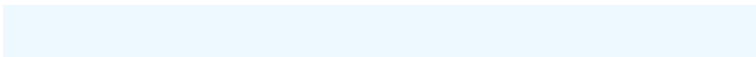
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



85.1887, 92.4418, 101.6093



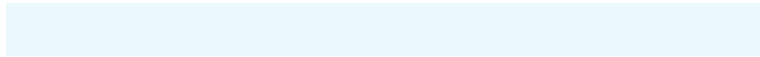
85.7073, 92.4418, 105.4213



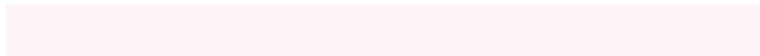
86.8045, 92.4418, 108.0037

Triad

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



85.7073, 92.4418, 105.4213



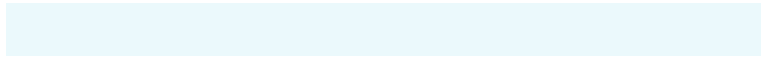
90.3935, 92.4418, 103.7283



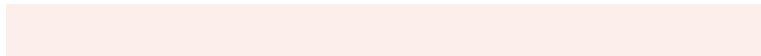
87.5309, 92.4418, 93.1114

Complementary

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



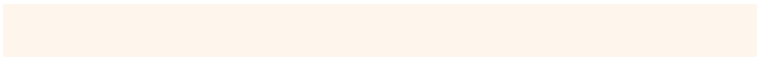
85.7073, 92.4418, 105.4213



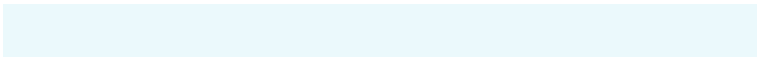
85.7151, 87.8420, 91.0362

Split Complementary

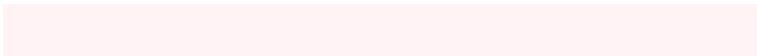
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



88.9304, 92.4418, 93.6444



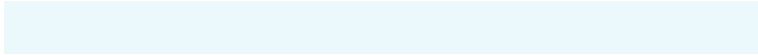
85.7073, 92.4418, 105.4213



90.5931, 92.4418, 99.7035

Square

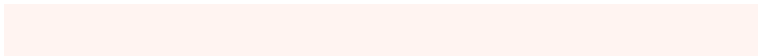
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



85.7073, 92.4418, 105.4213



89.5126, 92.4418, 107.0080



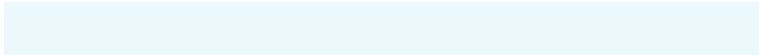
90.0549, 92.4418, 96.0315



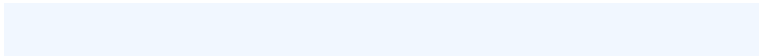
86.2341, 92.4418, 94.5555

Rectangle

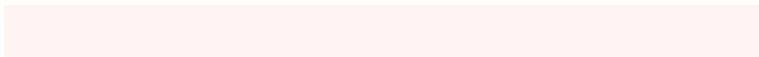
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



85.7073, 92.4418, 105.4213



87.7217, 92.4418, 108.6424



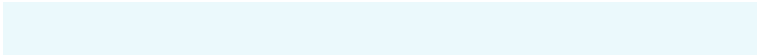
90.0549, 92.4418, 96.0315



88.0048, 92.4418, 93.0659

Sweetspot

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



85.7100, 92.4457, 105.4233



92.9124, 98.4734, 108.7180



84.4809, 93.4478, 94.3466



19.9095, 21.0934, 23.2720



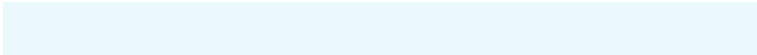
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



85.7100, 92.4457, 105.4233



86.8027, 94.0616, 108.1884



83.1898, 87.4054, 104.5833



17.4903, 19.0575, 22.1419



20.9479, 27.2514, 52.1295



2.0061, 2.6558, 4.8501

Inverse Universe

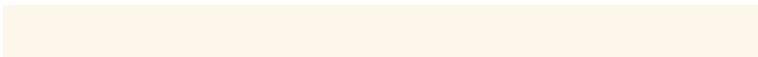
The Inverse Universe completely reimagines the original color for something new.



86.9541, 86.9534, 101.8278



88.3104, 87.4384, 103.8244



88.1990, 92.8096, 91.8641



17.8540, 17.4690, 21.0871



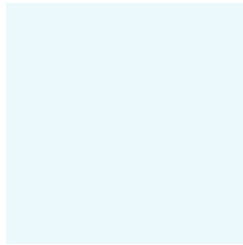
26.8656, 13.1619, 32.3301



2.5215, 1.2323, 3.1696

Previews

White Background



This preview shows how the XYZ color 85.7073, 92.4418, 105.4213 looks on a white background.

Color Contrast Check

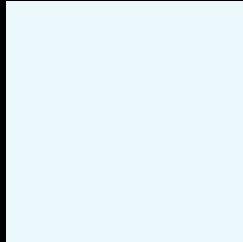
Large Text (above 18pt) WCAG AA × Fail

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 85.7073, 92.4418, 105.4213 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

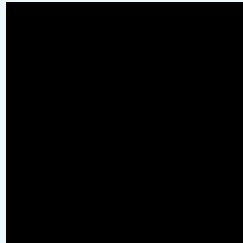
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

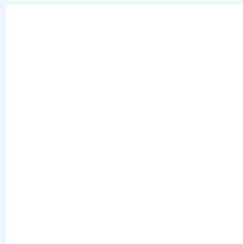
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 85.7073, 92.4418, 105.4213

Background



This preview shows how black text looks on a background with the XYZ color 85.7073, 92.4418, 105.4213.

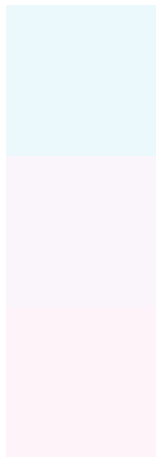


This preview shows how white text looks on a background with the XYZ color 85.7073, 92.4418,

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

85.7073, 92.4418, 105.4213

Protanopia

88.9746, 92.3467, 103.5777

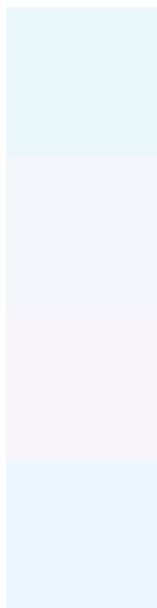
Deuteranopia

90.5459, 92.2633, 103.4788

Tritanopia

87.6237, 92.0088, 107.7489

Trichromacy



Original Color

85.7073, 92.4418, 105.4213

Protanomaly

87.6766, 92.1097, 104.4247

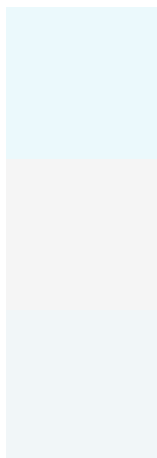
Deuteranomaly

88.7764, 92.2263, 104.3892

Tritanomaly

86.7468, 92.0280, 106.9571

Monochromacy



Original Color

85.7073, 92.4418, 105.4213

Achromatopsia

86.7900, 91.3099, 99.4364

Achromatomaly

86.1747, 91.3896, 101.9050

CSS Examples

Text

The CSS property to change the color of the text to XYZ 85.7073, 92.4418, 105.4213 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(235, 249, 252)` looks like.

```
.text, #text, p{  
    color:rgb(235, 249, 252)  
}
```

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(235, 249, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 249, 252) }
```

Border

The CSS property to change the border of an element to XYZ 85.7073, 92.4418, 105.4213 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(235, 249, 252) }
```


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

```
.border{ border-color:rgb(235, 249, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 249, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 249, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 249, 252);  
box-shadow:4px 4px 4px 4px rgb(235, 249,  
252) }
```

Background

The CSS property to change the background color of an element to XYZ 85.7073, 92.4418, 105.4213 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 249, 252) }
```

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

```
.background{ background-color: rgb(235,  
249, 252) }
```

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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