

Converting Colors

XYZ(85.5262, 93.4995,
105.9610)

Have a look what the booklet for
XYZ(85.5262, 93.4995, 105.9610)
contains.

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Color

**XYZ(85.6598, 93.8049,
105.6869)**

Conversions

Conversions Part 1

Format	Color
Hex	E8FCFC
RGB	232, 252, 252
RGB Percent	91%, 99%, 99%
CMY	0.0902, 0.0117, 0.0118
CMYK	0.08, 0.00, 0.00, 0.01
HSL	180°, 77%, 95%
HSV	180°, 8%, 99%
XYZ	85.6598, 93.8049, 105.6869
YIQ	246.0200, -11.9200, -4.2400

Conversions

Conversions Part 2

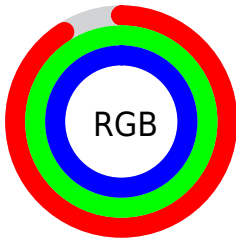
Format	Color
R _Y B	232, 242, 252
Decimal	15269116
CIE Lab	97.55, -6.49, -2.24
CIE LCh	98, 6.865, 199.063
Yxy	93.8049, 0.3004, 0.3290
Android (android.graphics.Color)	4293459196 (0xFFE8FCFC)
YUV	246.0200, 2.9481, -12.2955
Hunter-Lab	96.8529, -11.6216, 3.0992

Details

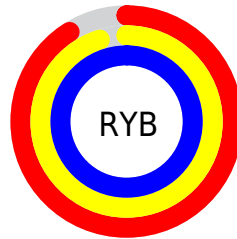
The XYZ color **85.6598, 93.8049, 105.6869** is a light color, and the websafe version is hex **FFFFFF**. A complement of this color would be **83.5704, 84.2373, 88.2030**, and the grayscale version is **87.5997, 92.1617, 100.3641**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **47.2699, 52.2005, 59.2141** is the 20% darker color. If you saturate the color by 10%, you get **78.0590, 89.8892, 105.3292**, and if you desaturate by 10%, it is **93.6239, 97.9130, 106.0655**.

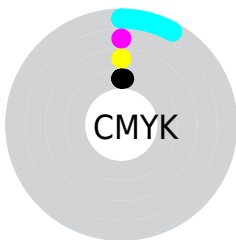
Distribution



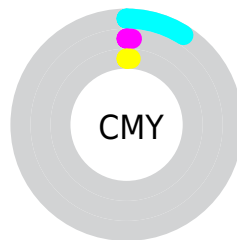
- Red (91%)
- Green (99%)
- Blue (99%)



- Red (91%)
- Yellow (95%)
- Blue (99%)



- Cyan (8%)
- Magenta (0%)
- Yellow (0%)
- Black (1%)





- Cyan (9%)
- Magenta (1%)
- Yellow (1%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 85.6598, 93.8049, 105.6869 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 85.6598, 93.8049, 105.6869 by changing the saturation by 10% instead.


 85.6598, 93.8049,
105.6869

 85.6598, 93.8049,
105.6869


502.2596,
540.3319, 599.6773

 64.7110, 71.1407,
80.4151


140.2039,
152.6125, 171.0704

 47.4906, 52.4570,
59.5318


174.5300,
189.5247, 212.0191

 33.6332, 37.3695,
42.6185

214.0458,
231.9550, 259.0305

 22.7735, 25.4937,
29.2567

259.1169,
280.2877, 312.5232

 14.5462, 16.4453,
19.0279

310.1084,
334.9074, 372.9157

 8.5857, 9.8398,
11.5134

367.3858,

 4.5269, 5.2929,

396.1984, 440.6265

6.2948

431.3144,
464.5451, 516.0742

■ 2.0043, 2.4201,
2.9535

■ 0.6364, 0.8362,
1.0709

■ 85.6598, 93.8049,
105.6869

■ 85.6598, 93.8049,
105.6869

■ 78.0590, 89.8892,
105.3292

■ 93.6239, 97.9130,
106.0655

■ 71.5789, 86.5487,
105.0219


■ 93.6247, 97.9133,
106.0696


■ 66.1687, 83.7597,
104.7647

■ 93.6254, 97.9136,
106.0736

■ 61.7711, 81.4928,
104.5550


■ 93.6262, 97.9139,
106.0776

 58.3231, 79.7153,
104.3896


 93.6270, 97.9142,
106.0816


 55.7547, 78.3913,
104.2654

 93.6277, 97.9146,
106.0856


 53.9863, 77.4798,
104.1787

 93.6285, 97.9149,
106.0896

 52.9241, 76.9323,
104.1250

 93.6292, 97.9152,
106.0937

 52.4413, 76.6835,
104.0984

 93.6300, 97.9155,
106.0977

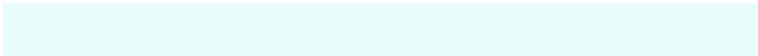
Harmonies

Analogous

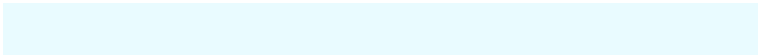
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



85.5259, 93.8049, 100.1126



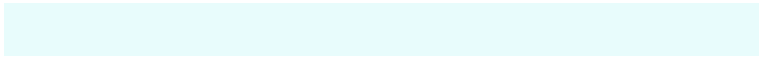
85.6598, 93.8049, 105.6869



86.7232, 93.8049, 110.4707

Triad

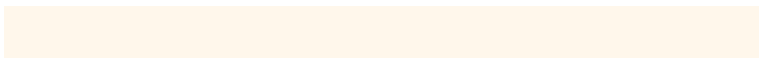
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



85.6598, 93.8049, 105.6869



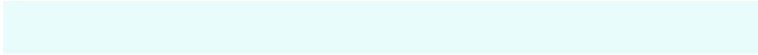
92.0228, 93.8049, 109.3403



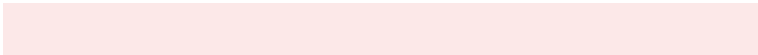
89.8724, 93.8049, 91.9478

Complementary

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



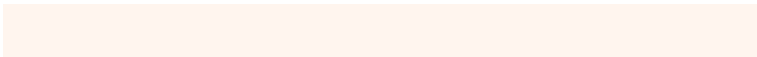
85.6598, 93.8049, 105.6869



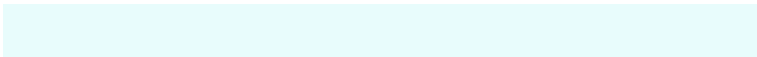
83.5704, 84.2373, 88.2030

Split Complementary

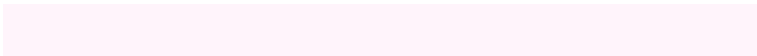
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



91.6395, 93.8049, 94.2344



85.6598, 93.8049, 105.6869



92.8930, 93.8049, 104.1897

Square

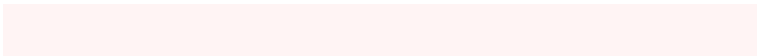
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



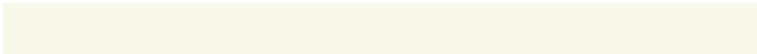
85.6598, 93.8049, 105.6869



90.3896, 93.8049, 112.6326



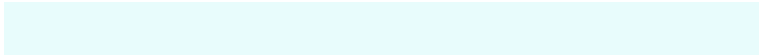
92.7517, 93.8049, 98.6686



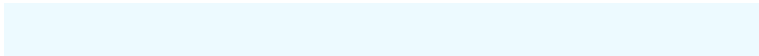
87.9391, 93.8049, 92.3157

Rectangle

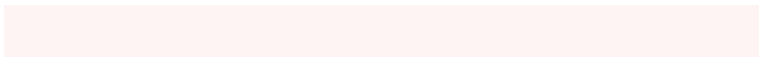
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



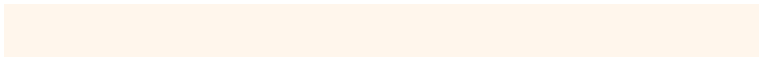
85.6598, 93.8049, 105.6869



87.8249, 93.8049, 112.5043



92.7517, 93.8049, 98.6686



90.5060, 93.8049, 92.4281

Sweetspot

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



85.6625, 93.8089, 105.6890



93.1984, 99.0455, 108.8125



82.7656, 92.6626, 89.8689



19.9677, 21.2098, 23.2913



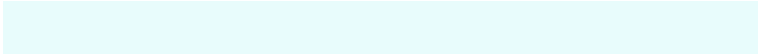
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

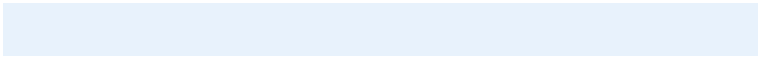
The Same Dimension uses a secret algorithm to generate beautiful new colors.



85.6625, 93.8089, 105.6890



86.2821, 95.4801, 108.4856



82.7035, 87.8899, 104.7056



17.7657, 19.6086, 22.2330



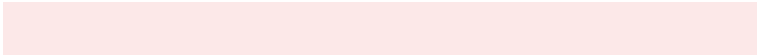
27.2820, 39.9258, 54.2216



2.5268, 3.6978, 5.0221

Inverse Universe

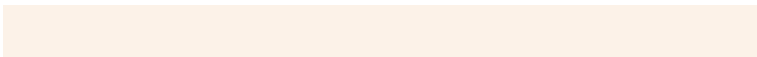
The Inverse Universe completely reimagines the original color for something new.



83.5704, 84.2373, 88.2030



83.6113, 83.2611, 86.1631



86.3668, 89.8310, 89.1325



17.2448, 17.2253, 17.8790



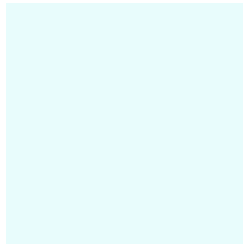
20.9121, 10.7806, 0.9797



1.9369, 0.9985, 0.0910

Previews

White Background



This preview shows how the XYZ color 85.6598, 93.8049, 105.6869 looks on a white background.

Color Contrast Check

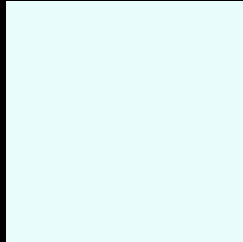
Large Text (above 18pt) WCAG AA × Fail

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 85.6598, 93.8049, 105.6869 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

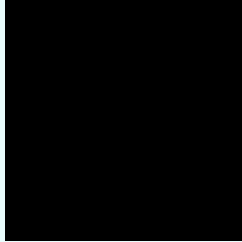
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 85.6598, 93.8049, 105.6869

Background



This preview shows how black text looks on a background with the XYZ color 85.6598, 93.8049, 105.6869.



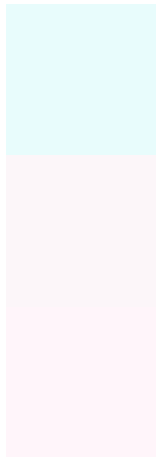
This preview shows how white text looks on a background with the XYZ color 85.6598, 93.8049,

105.6869.

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

85.6598, 93.8049, 105.6869

Protanopia

90.1995, 93.4465, 102.9055

Deuteranopia

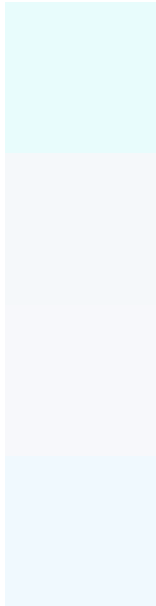
91.1477, 93.4669, 103.6794



Tritanopia

88.9256, 93.5879, 107.9851

Trichromacy



Original Color

85.6598, 93.8049, 105.6869

Protanomaly

88.4789, 93.4494, 103.8167

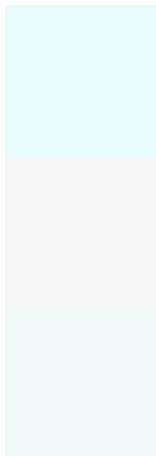
Deuteranomaly

89.3378, 93.8740, 104.6777

Tritanomaly

87.7003, 93.4324, 107.1779

Monochromacy



Original Color

85.6598, 93.8049, 105.6869

Achromatopsia

87.5964, 92.1582, 100.3603

Achromatomaly

86.7863, 92.6129, 102.1089

CSS Examples

Text

The CSS property to change the color of the text to XYZ 85.6598, 93.8049, 105.6869 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(232, 252, 252)` looks like.

```
.text, #text, p{  
    color:rgb(232, 252, 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(232, 252, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 252, 252) }
```

Border

The CSS property to change the border of an element to XYZ 85.6598, 93.8049, 105.6869 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(232, 252, 252) }
```


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

```
.border{ border-color:rgb(232, 252, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 252, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 252, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 252, 252);  
box-shadow:4px 4px 4px 4px rgb(232, 252,  
252) }
```

Background

The CSS property to change the background color of an element to XYZ 85.6598, 93.8049, 105.6869 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 252, 252) }
```

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

```
.background{ background-color: rgb(232,  
252, 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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