

Converting Colors

XYZ(84.8594, 92.4403,
106.7947)

Have a look what the booklet for
XYZ(84.8594, 92.4403, 106.7947)
contains.

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Color

**XYZ(85.0300, 92.5159,
107.1417)**

Conversions

Conversions Part 1

Format	Color
Hex	E7FAFE
RGB	231, 250, 254
RGB Percent	91%, 98%, 100%
CMY	0.0941, 0.0196, 0.0039
CMYK	0.09, 0.02, 0.00, 0.00
HSL	190°, 92%, 95%
HSV	190°, 9%, 100%
XYZ	85.0300, 92.5159, 107.1417
YIQ	244.7750, -12.6080, -2.7840

Conversions

Conversions Part 2

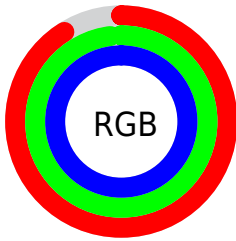
Format	Color
R_{YB}	231, 241, 254
Decimal	15203070
CIE Lab	97.03, -5.42, -4.05
CIE LCh	97, 6.767, 216.737
Yxy	92.5159, 0.2987, 0.3250
Android (android.graphics.Color)	4293393150 (0xFFE7FAFE)
YUV	244.7750, 4.5479, -12.0807
Hunter-Lab	96.1852, -10.5258, 1.2859

Details

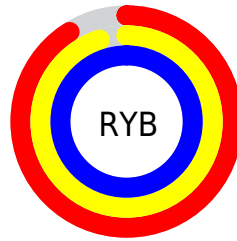
The XYZ color **85.0300, 92.5159, 107.1417** is a light color, and the websafe version is hex FFFFFFFF. A complement of this color would be **85.0056, 86.2565, 87.7718**, and the grayscale version is **86.5844, 91.0935, 99.2008**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **47.0490, 51.7288, 60.3282** is the 20% darker color. If you saturate the color by 10%, you get **76.0648, 85.8845, 106.3357**, and if you desaturate by 10%, it is **94.7045, 99.5656, 107.9940**.

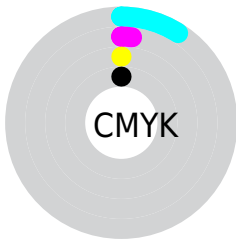
Distribution



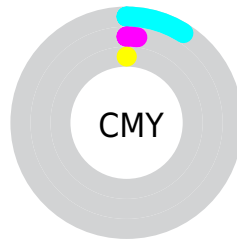
- Red (91%)
- Green (98%)
- Blue (100%)



- Red (91%)
- Yellow (95%)
- Blue (100%)



- Cyan (9%)
- Magenta (2%)
- Yellow (0%)
- Black (0%)



- Cyan (9%)
- Magenta (2%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 85.0300, 92.5159, 107.1417 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 85.0300, 92.5159, 107.1417 by changing the saturation by 10% instead.

85.0300, 92.5159,
107.1417

85.0300, 92.5159,
107.1417

500.2095,
536.1814, 604.2961

64.1887, 70.0692,
81.6281

139.3289,
150.8282, 173.0746

47.0658, 51.5830,
60.5250

173.5173,
187.4626, 214.3309

33.2959, 36.6728,
43.4139

212.8854,
229.5951, 261.6720

22.5135, 24.9542,
29.8762

257.7986,
277.6099, 315.5162

14.3534, 16.0430,
19.4934

308.6222,
331.8916, 376.2822

8.4502, 9.5546,
11.8469

365.7217,

4.4386, 5.1046,

392.8245, 444.3885

6.5182

429.4623,
460.7930, 520.2536

■ 1.9531, 2.3088,
3.0889

■ 0.6074, 0.7784,
1.1402

■ 85.0300, 92.5159,
107.1417

■ 85.0300, 92.5159,
107.1417

■ 76.0648, 85.8845,
106.3357

94.7045, 99.5656,
107.9940

■ 68.2674, 79.9000,
105.5915

94.8897, 99.9359,
108.0557

■ 61.5856, 74.5376,
104.9086

■ 55.9600, 69.7664,
104.2842

■ 51.3254, 65.5524,
103.7151

■ 47.6095, 61.8579,
103.1978

■ 44.7294, 58.6401,
102.7285

■ 42.5871, 55.8479,
102.3025

■ 41.0370, 53.4060,
101.9129

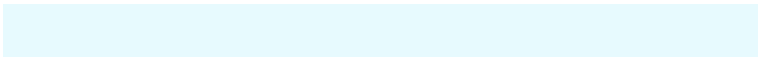
Harmonies

Analogous

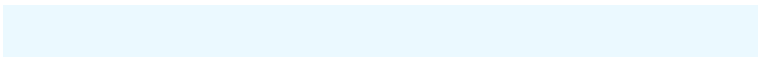
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



84.3450, 92.5159, 101.9701



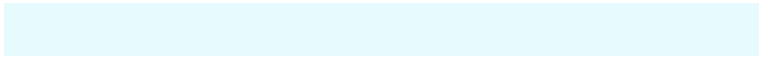
85.0300, 92.5159, 107.1417



86.4945, 92.5159, 110.6848

Triad

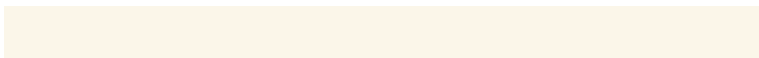
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



85.0300, 92.5159, 107.1417



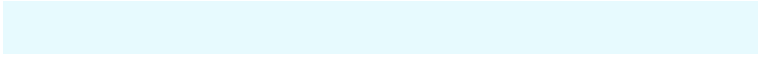
91.3427, 92.5159, 104.9353



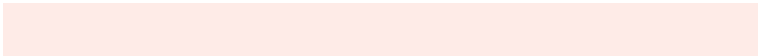
87.5044, 92.5159, 90.6688

Complementary

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



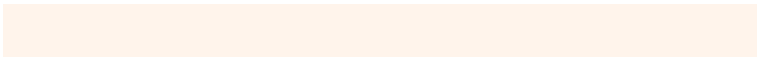
85.0300, 92.5159, 107.1417



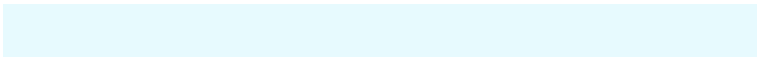
85.0056, 86.2565, 87.7718

Split Complementary

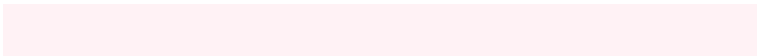
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



89.3886, 92.5159, 91.3984



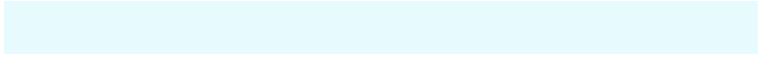
85.0300, 92.5159, 107.1417



91.6225, 92.5159, 99.5081

Square

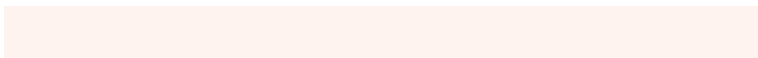
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



85.0300, 92.5159, 107.1417



90.1434, 92.5159, 109.3791



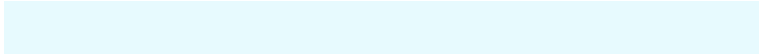
90.9025, 92.5159, 94.5872



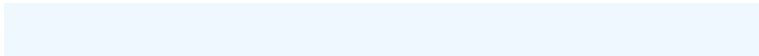
85.7602, 92.5159, 92.5570

Rectangle

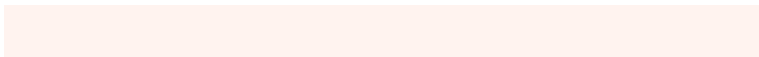
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



85.0300, 92.5159, 107.1417



87.7252, 92.5159, 111.5774



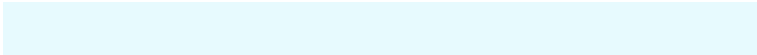
90.9025, 92.5159, 94.5872



88.1423, 92.5159, 90.6171

Sweetspot

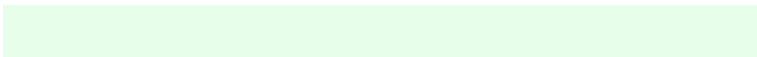
The Sweet Spot groups the original color and five complimentary colors.



85.0327, 92.5198, 107.1438



91.8688, 97.7327, 108.6300



83.3696, 93.8626, 92.1959



19.4858, 20.7914, 23.2361



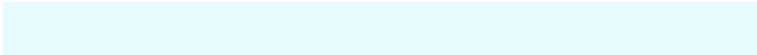
0.0000, 0.0000, 0.0000



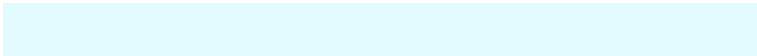
20.3446, 21.4041, 23.3091

Same Dimension

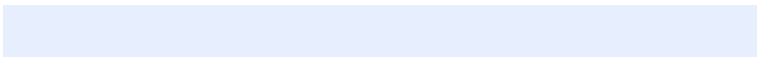
The Same Dimension uses a secret algorithm to generate beautiful new colors.



85.0327, 92.5198, 107.1438



83.9377, 91.9925, 107.9401



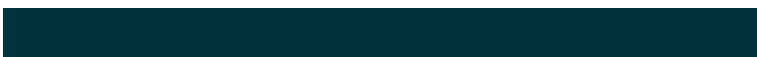
81.6149, 85.6843, 106.0045



18.2706, 19.9127, 23.1305



21.6619, 28.2333, 53.7425



2.1766, 2.8839, 5.2552

Inverse Universe

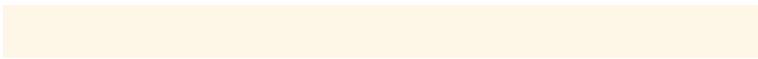
The Inverse Universe completely reimagines the original color for something new.



86.7064, 85.1266, 102.3082



85.9706, 83.0809, 102.0515



88.3556, 92.9564, 88.8884



18.6492, 18.2430, 22.0359



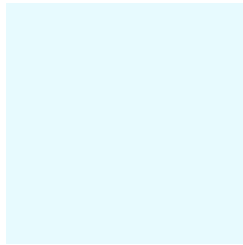
27.7221, 13.5781, 33.5167



2.7332, 1.3357, 3.4427

Previews

White Background



This preview shows how the XYZ color 85.0300, 92.5159, 107.1417 looks on a white background.

Color Contrast Check

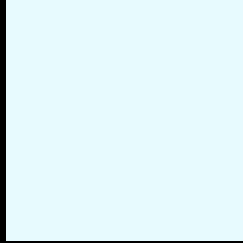
Large Text (above 18pt) WCAG AA × Fail

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 85.0300, 92.5159, 107.1417 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

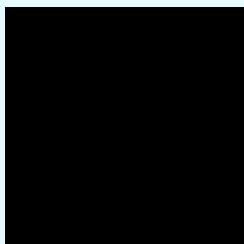
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 85.0300, 92.5159, 107.1417

Background



This preview shows how black text looks on a background with the XYZ color 85.0300, 92.5159, 107.1417.

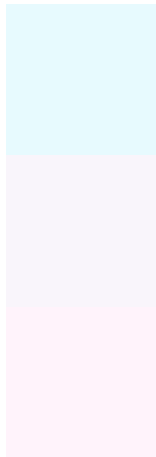


This preview shows how white text looks on a background with the XYZ color 85.0300, 92.5159,

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

85.0300, 92.5159, 107.1417

Protanopia

89.1319, 92.4096, 104.4059

Deuteranopia

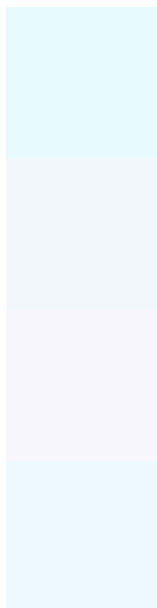
90.7032, 92.3262, 104.3070



Tritanopia

87.5864, 92.4423, 107.8346

Trichromacy



Original Color

85.0300, 92.5159, 107.1417

Protanomaly

87.4494, 92.4270, 105.3266

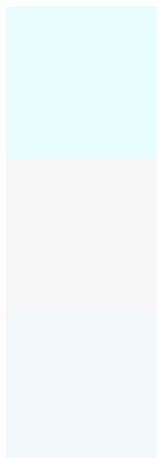
Deuteranomaly

88.5325, 92.5326, 105.2899

Tritanomaly

86.5425, 92.3593, 107.8736

Monochromacy



Original Color

85.0300, 92.5159, 107.1417

Achromatopsia

86.7900, 91.3099, 99.4364

Achromatomaly

86.1392, 91.8241, 101.9907

CSS Examples

Text

The CSS property to change the color of the text to XYZ 85.0300, 92.5159, 107.1417 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(231, 250, 254)` looks like.

```
.text, #text, p{  
    color:rgb(231, 250, 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(231, 250, 254) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 250, 254) }
```

Border

The CSS property to change the border of an element to XYZ 85.0300, 92.5159, 107.1417 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(231, 250, 254) }
```


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

```
.border{ border-color:rgb(231, 250, 254) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 250, 254)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 250, 254); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 250, 254);  
box-shadow:4px 4px 4px 4px rgb(231, 250,  
254) }
```

Background

The CSS property to change the background color of an element to XYZ 85.0300, 92.5159, 107.1417 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 250, 254) }
```

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

```
.background{ background-color: rgb(231,  
250, 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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