

Converting Colors

XYZ(84.7776, 93.7963,
114.4006)

Have a look what the booklet for
XYZ(84.7776, 93.7963, 114.4006)
contains.

| | |
|--|----|
| XYZ(83.6067, 93.1585, 108.1826) | 3 |
| <i>Conversions</i> | 4 |
| <i>Details</i> | 6 |
| <i>Harmonies</i> | 12 |
| <i>Previews</i> | 24 |
| <i>Color Blindness Simulation</i> | 28 |
| <i>CSS Examples</i> | 31 |

Color

**XYZ(83.6067, 93.1585,
108.1826)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | DFFDFF |
| RGB | 223, 253, 255 |
| RGB Percent | 87%, 99%, 100% |
| CMY | 0.1255, 0.0078, 0.0000 |
| CMYK | 0.13, 0.01, 0.00, 0.00 |
| HSL | 184°, 100%, 94% |
| HSV | 184°, 13%, 100% |
| XYZ | 83.6067, 93.1585, 108.1826 |
| YIQ | 244.2580, -18.5220, -5.7380 |

Conversions

Conversions Part 2

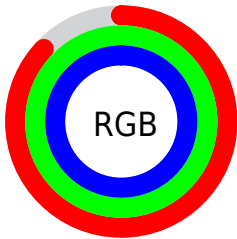
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 223, 238, 255 |
| Decimal | 14679551 |
| CIE _{Lab} | 97.29, -9.25, -4.24 |
| CIE _{LCh} | 97, 10.176, 204.620 |
| Y _{xy} | 93.1585, 0.2934, 0.3269 |
| Android (android.graphics.Color) | 4292869631 (0xFFDFFDFF) |
| Y _{UV} | 244.2580, 5.2958, -18.6433 |
| Hunter-Lab | 96.5187, -14.2868, 1.1081 |

Details

The XYZ color **83.6067, 93.1585, 108.1826** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **81.4840, 80.4366, 81.0448**, and the grayscale version is **86.1672, 90.6546, 98.7228**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **46.0814, 51.8819, 61.0115** is the 20% darker color. If you saturate the color by 10%, you get **75.8349, 88.4126, 107.6762**, and if you desaturate by 10%, it is **92.5707, 98.5302, 108.7470**.

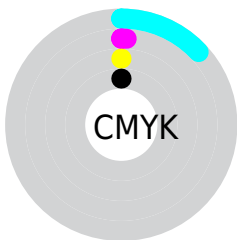
Distribution



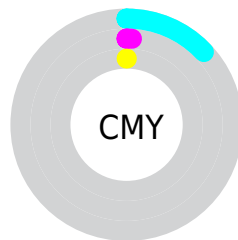
- Red (87%)
- Green (99%)
- Blue (100%)



- Red (87%)
- Yellow (93%)
- Blue (100%)



- Cyan (13%)
- Magenta (1%)
- Yellow (0%)
- Black (0%)



- Cyan (13%)
- Magenta (1%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 83.6067, 93.1585, 108.1826 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 83.6067, 93.1585, 108.1826 by changing the saturation by 10% instead.

83.6067, 93.1585,
108.1826

83.6067, 93.1585,
108.1826

495.5597,
538.2527, 607.5896

63.0094, 70.6032,
82.4967

137.3490,
151.7180, 174.5069

46.1075, 52.0185,
61.2368

171.2247,
188.4911, 215.9824

32.5356, 37.0198,
43.9845

210.2572,
230.7722, 263.5581

21.9285, 25.2228,
30.3212

254.8119,
278.9458, 317.6527

13.9207, 16.2431,
19.8284

305.2541,
333.3963, 378.6845

8.1468, 9.6964,
12.0875

361.9493,

4.2416, 5.1981,

394.5080, 447.0723

6.6801

425.2627,
462.6653, 523.2345

■ 1.8397, 2.3640,
3.1874

■ 0.5414, 0.8073,
1.1911

■ 83.6067, 93.1585,
108.1826

■ 83.6067, 93.1585,
108.1826

■ 75.8349, 88.4126,
107.6762

■ 92.5707, 98.5302,
108.7470

■ 69.1954, 84.2541,
107.2234

95.0500, 100.0000,
108.9000

■ 63.6337, 80.6574,
106.8223

■ 59.0884, 77.5909,
106.4700

■ 55.4914, 75.0193,
106.1632

■ 52.7667, 72.9036,
105.8985

■ 50.8262, 71.1983,
105.6716

■ 49.5637, 69.8486,
105.4776

■ 48.9469, 69.0138,
105.3490

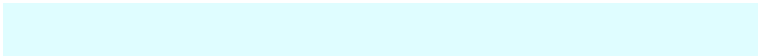
Harmonies

Analogous

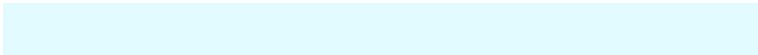
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



83.1467, 93.1585, 99.9544



83.6067, 93.1585, 108.1826



85.3777, 93.1585, 114.9164

Triad

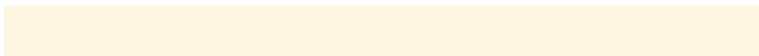
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



83.6067, 93.1585, 108.1826



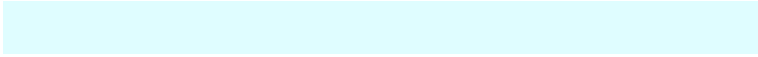
93.1348, 93.1585, 110.8927



89.0644, 93.1585, 86.4546

Complementary

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



83.6067, 93.1585, 108.1826



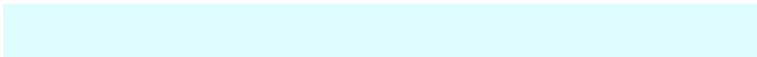
81.4840, 80.4366, 81.0448

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.



91.7883, 93.1585, 89.0492



83.6067, 93.1585, 108.1826



94.1707, 93.1585, 102.9276

Square

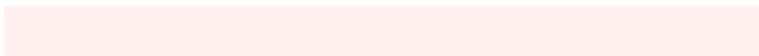
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



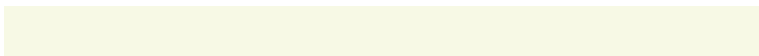
83.6067, 93.1585, 108.1826



90.8705, 93.1585, 116.5396



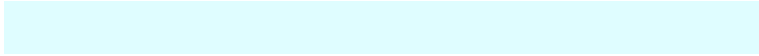
93.6727, 93.1585, 94.9716



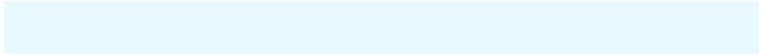
86.2582, 93.1585, 87.6932

Rectangle

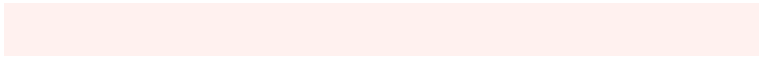
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



83.6067, 93.1585, 108.1826



87.0843, 93.1585, 117.5003



93.6727, 93.1585, 94.9716



90.0207, 93.1585, 86.9030

Sweetspot

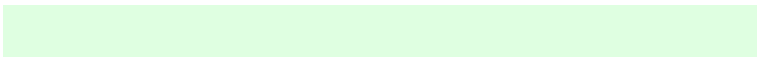
The Sweet Spot groups the original color and five complimentary colors.



83.6091, 93.1623, 108.1832



91.1939, 97.7115, 108.6615



79.7285, 92.6229, 84.6258



19.3688, 20.8246, 23.2487



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

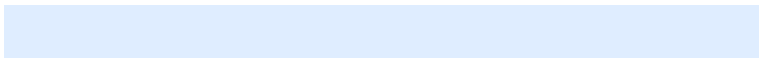
The Same Dimension uses a secret algorithm to generate beautiful new colors.



83.6091, 93.1623, 108.1832



81.5950, 91.9415, 108.0537



78.8826, 83.7094, 106.6077



18.4522, 20.2760, 23.1911



25.6174, 36.1444, 55.0610



2.5225, 3.5756, 5.3705

Inverse Universe

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



85.3588, 81.1288, 104.0935



83.6569, 77.8243, 103.2201



85.8969, 89.2625, 82.5158



18.7409, 18.2797, 22.5187



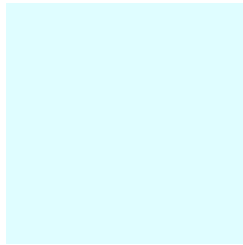
29.7187, 14.3768, 44.0305



2.9078, 1.4055, 4.3620

Previews

White Background



This preview shows how the XYZ color 83.6067, 93.1585, 108.1826 looks on a white background.

Color Contrast Check

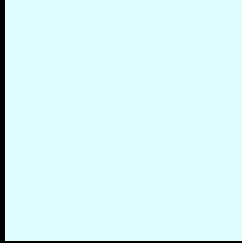
Large Text (above 18pt) WCAG AA × Fail

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 83.6067, 93.1585, 108.1826 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

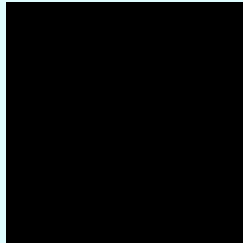
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 83.6067, 93.1585, 108.1826

Background



This preview shows how black text looks on a background with the XYZ color 83.6067, 93.1585, 108.1826.

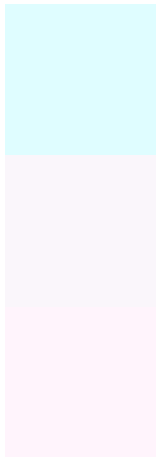


This preview shows how white text looks on a background with the XYZ color 83.6067, 93.1585,

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

83.6067, 93.1585, 108.1826

Protanopia

89.7927, 93.2006, 104.5237

Deuteranopia

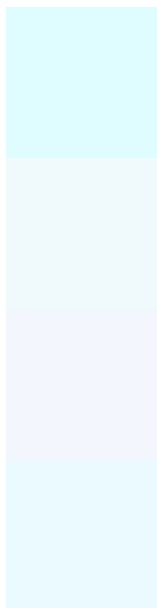
91.1614, 92.9896, 105.2395



Tritanopia

87.5526, 92.8801, 107.9209

Trichromacy



Original Color

83.6067, 93.1585, 108.1826

Protanomaly

87.3815, 93.3049, 105.4996

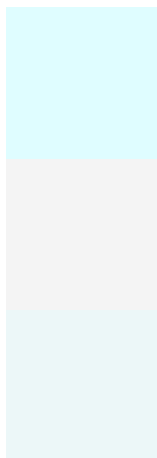
Deuteranomaly

87.9525, 92.6681, 106.1796

Tritanomaly

86.1673, 93.0836, 108.0332

Monochromacy



Original Color

83.6067, 93.1585, 108.1826

Achromatopsia

85.9880, 90.4661, 98.5176

Achromatomaly

84.7961, 91.1317, 101.9279

CSS Examples

Text

The CSS property to change the color of the text to XYZ 83.6067, 93.1585, 108.1826 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(223, 253, 255)` looks like.

```
.text, #text, p{  
    color:rgb(223, 253, 255)  
}
```

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(223, 253, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 253, 255) }
```

Border

The CSS property to change the border of an element to XYZ 83.6067, 93.1585, 108.1826 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(223, 253, 255) }
```


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

```
.border{ border-color:rgb(223, 253, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 253, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 253, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 253, 255);  
box-shadow:4px 4px 4px 4px rgb(223, 253,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 83.6067, 93.1585, 108.1826 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 253, 255) }
```

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

```
.background{ background-color: rgb(223,  
253, 255) }
```

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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