

Converting Colors

XYZ(76.2671, 85.6418,
107.1186)

Have a look what the booklet for
XYZ(76.2671, 85.6418, 107.1186)
contains.

| | |
|--|----|
| XYZ(76.4345, 85.7902, 107.1384) | 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(76.4345, 85.7902,
107.1384)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | CFF5FF |
| RGB | 207, 245, 255 |
| RGB Percent | 81%, 96%, 100% |
| CMY | 0.1882, 0.0392, 0.0000 |
| CMYK | 0.19, 0.04, 0.00, 0.00 |
| HSL | 192°, 100%, 91% |
| HSV | 192°, 19%, 100% |
| XYZ | 76.4345, 85.7902, 107.1384 |
| YIQ | 234.7780, -25.8580, -4.9460 |

Conversions

Conversions Part 2

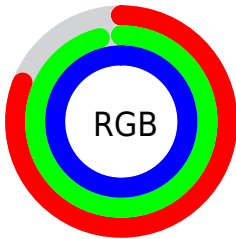
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 207, 228, 255 |
| Decimal | 13628927 |
| CIE Lab | 94.22, -10.13, -8.89 |
| CIE LCh | 94, 13.478, 221.255 |
| Yxy | 85.7902, 0.2838, 0.3185 |
| Android (android.graphics.Color) | 4291819007 (0xFFCFF5FF) |
| YUV | 234.7780, 9.9694, -24.3613 |
| Hunter-Lab | 92.6230, -14.7882, -3.7455 |

Details

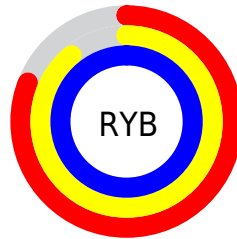
The XYZ color **76.4345, 85.7902, 107.1384** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **77.3150, 75.3895, 69.5098**, and the grayscale version is **78.7394, 82.8400, 90.2127**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **41.3395, 47.1478, 60.3477** is the 20% darker color. If you saturate the color by 10%, you get **68.2945, 79.2453, 106.3041**, and if you desaturate by 10%, it is **85.7757, 93.0273, 108.0429**.

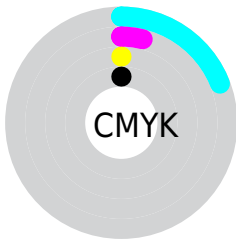
Distribution



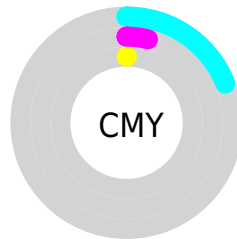
- Red (81%)
- Green (96%)
- Blue (100%)



- Red (81%)
- Yellow (89%)
- Blue (100%)



- Cyan (19%)
- Magenta (4%)
- Yellow (0%)
- Black (0%)



- Cyan (19%)
- Magenta (4%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 76.4345, 85.7902, 107.1384 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 76.4345, 85.7902, 107.1384 by changing the saturation by 10% instead.

76.4345, 85.7902,
107.1384

76.4345, 85.7902,
107.1384

471.7553,
514.2392, 604.2856

57.0872, 64.4945,
81.6253

127.3180,
141.4767, 173.0700

41.3156, 47.0513,
60.5228

159.5849,
176.6363, 214.3257

28.7546, 33.0762,
43.4121

196.8890,
217.1859, 261.6660

19.0386, 22.1848,
29.8748

239.5957,
263.5100, 315.5094

11.8023, 13.9928,
19.4923

288.0703,
315.9930, 376.2746

6.6805, 8.1156,
11.8461

342.6782,

3.3076, 4.1690,

375.0193, 444.3800

6.5177

403.7848,
440.9732, 520.2441

■ 1.3185, 1.7686,
3.0885

■ 0.1970, 0.4675,
1.1400

■ 76.4345, 85.7902,
107.1384

■ 76.4345, 85.7902,
107.1384

■ 68.2945, 79.2453,
106.3041

■ 85.7757, 93.0273,
108.0429

■ 61.2933, 73.3532,
105.5358

95.0500, 100.0000,
108.9000

■ 55.3732, 68.0856,
104.8311

■ 50.4684, 63.4083,
104.1868

■ 46.5058, 59.2827,
103.5993

■ 43.4020, 55.6655,
103.0647

■ 41.0582, 52.5050,
102.5782

■ 39.3313, 49.7268,
102.1330

■ 39.1468, 49.4136,
102.0823

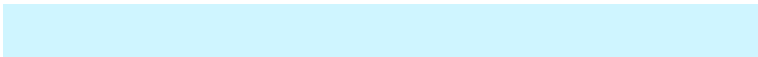
Harmonies

Analogous

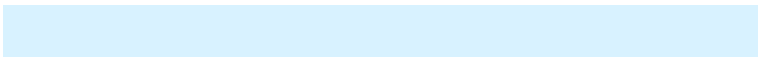
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



74.9226, 85.7902, 97.3437



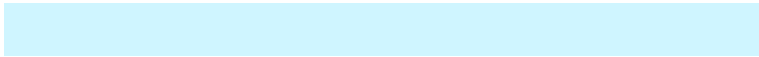
76.4345, 85.7902, 107.1384



79.3312, 85.7902, 113.5230

Triad

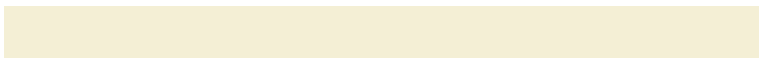
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



76.4345, 85.7902, 107.1384



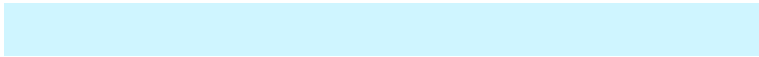
88.2905, 85.7902, 99.9444



80.1941, 85.7902, 75.2434

Complementary

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



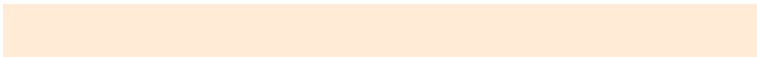
76.4345, 85.7902, 107.1384



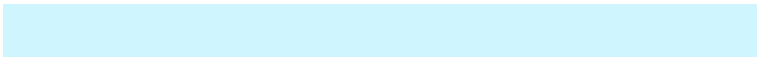
77.3150, 75.3895, 69.5098

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.



83.7915, 85.7902, 75.8267



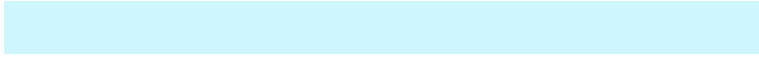
76.4345, 85.7902, 107.1384



88.5381, 85.7902, 89.5856

Square

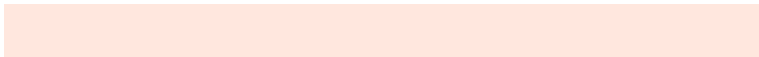
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



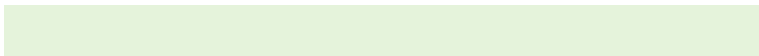
76.4345, 85.7902, 107.1384



86.2030, 85.7902, 109.1627



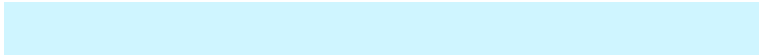
86.8700, 85.7902, 80.9092



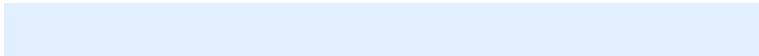
77.0502, 85.7902, 79.2523

Rectangle

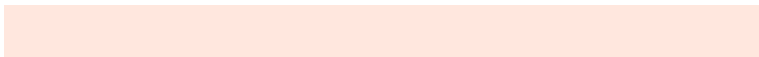
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



76.4345, 85.7902, 107.1384



81.6930, 85.7902, 114.7223



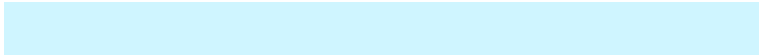
86.8700, 85.7902, 80.9092



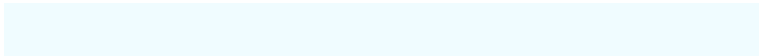
81.3892, 85.7902, 74.9172

Sweetspot

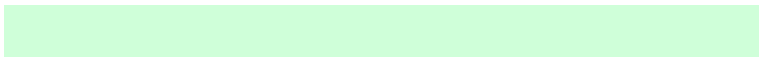
The Sweet Spot groups the original color and five complimentary colors.



76.4368, 85.7936, 107.1389



88.6354, 95.1968, 108.3110



73.9655, 89.7748, 78.8044



18.8281, 20.2675, 23.1696



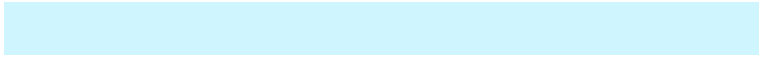
0.0000, 0.0000, 0.0000



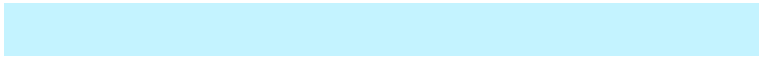
20.3446, 21.4041, 23.3091

Same Dimension

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



76.4368, 85.7936, 107.1389



72.8929, 82.9764, 106.7819



69.7455, 72.4111, 104.9085



18.2148, 19.8013, 23.1120



20.5665, 26.0426, 53.3773



2.0793, 2.6893, 5.2228

Inverse Universe

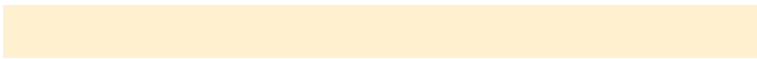
The Inverse Universe completely reimagines the original color for something new.



80.0356, 72.4797, 96.1619



77.2044, 67.3561, 93.5572



83.8400, 88.4396, 71.6848



18.6211, 18.2317, 21.8878



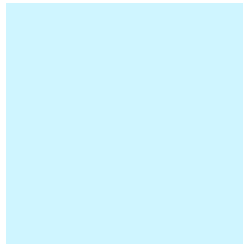
27.1692, 13.3570, 30.6053



2.6842, 1.3160, 3.1841

Previews

White Background



This preview shows how the XYZ color 76.4345, 85.7902, 107.1384 looks on a white background.

Color Contrast Check

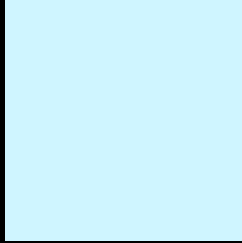
Large Text (above 18pt) WCAG AA × Fail

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 76.4345, 85.7902, 107.1384 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

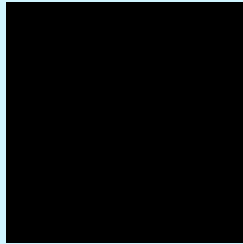
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 76.4345, 85.7902, 107.1384

Background



This preview shows how black text looks on a background with the XYZ color 76.4345, 85.7902, 107.1384.

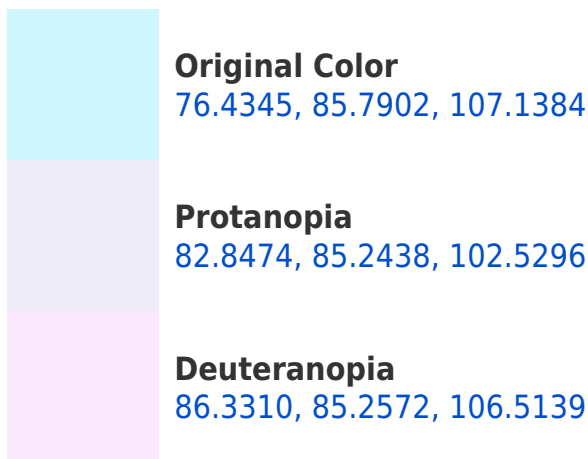


This preview shows how white text looks on a background with the XYZ color 76.4345, 85.7902,

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

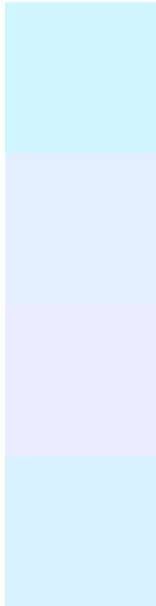




Tritanopia

79.0155, 85.7843, 107.0012

Trichromacy



Original Color

76.4345, 85.7902, 107.1384

Protanomaly

80.1157, 85.0922, 104.2973

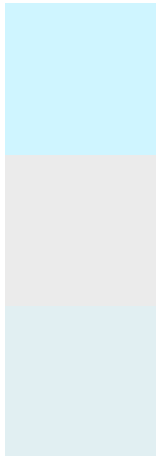
Deuteranomaly

82.2659, 85.2808, 106.7327

Tritanomaly

78.1249, 85.7683, 107.0450

Monochromacy



Original Color

76.4345, 85.7902, 107.1384

Achromatopsia

78.9647, 83.0770, 90.4708

Achromatomaly

77.9449, 84.1514, 96.1391

CSS Examples

Text

The CSS property to change the color of the text to XYZ 76.4345, 85.7902, 107.1384 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(207, 245, 255)` looks like.

```
.text, #text, p{  
    color:rgb(207, 245, 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(207, 245, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 245, 255) }
```

Border

The CSS property to change the border of an element to XYZ 76.4345, 85.7902, 107.1384 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(207, 245, 255) }
```


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

```
.border{ border-color:rgb(207, 245, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 245, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 245, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 245, 255);  
box-shadow:4px 4px 4px 4px rgb(207, 245,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 76.4345, 85.7902, 107.1384 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 245, 255) }
```

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

```
.background{ background-color: rgb(207,  
245, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor