

Converting Colors

XYZ(78.6247, 89.5744,
107.7534)

Have a look what the booklet for
XYZ(78.6247, 89.5744, 107.7534)
contains.

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Color

**XYZ(78.5596, 89.6243,
107.7664)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|-----------------------------|
| Hex | D0FBFF |
| RGB | 208, 251, 255 |
| RGB Percent | 82%, 98%, 100% |
| CMY | 0.1843, 0.0157, 0.0000 |
| CMYK | 0.18, 0.02, 0.00, 0.00 |
| HSL | 185°, 100%, 91% |
| HSV | 185°, 18%, 100% |
| XYZ | 78.5596, 89.6243, 107.7664 |
| YIQ | 238.5990, -26.9120, -7.8720 |

Conversions

Conversions Part 2

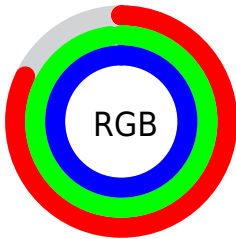
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 208, 230, 255 |
| Decimal | 13695999 |
| CIE Lab | 95.84, -12.84, -6.49 |
| CIE LCh | 96, 14.382, 206.802 |
| Yxy | 89.6243, 0.2847, 0.3248 |
| Android (android.graphics.Color) | 4291886079 (0xFFD0FBFF) |
| YUV | 238.5990, 8.0857, -26.8353 |
| Hunter-Lab | 94.6701, -17.5490, -1.2229 |

Details

The XYZ color **78.5596, 89.6243, 107.7664** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **76.1683, 72.8998, 69.7327**, and the grayscale version is **81.6886, 85.9427, 93.5916**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **42.6217, 49.4331, 60.7212** is the 20% darker color. If you saturate the color by 10%, you get **71.2858, 84.8775, 107.2336**, and if you desaturate by 10%, it is **86.9984, 94.9880, 108.3570**.

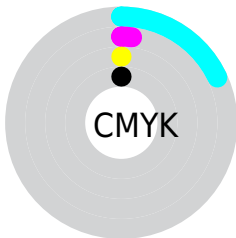
Distribution



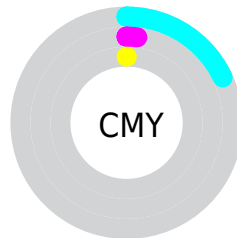
- Red (82%)
- Green (98%)
- Blue (100%)



- Red (82%)
- Yellow (90%)
- Blue (100%)



- Cyan (18%)
- Magenta (2%)
- Yellow (0%)
- Black (0%)



- Cyan (18%)
- Magenta (2%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 78.5596, 89.6243, 107.7664 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 78.5596, 89.6243, 107.7664 by changing the saturation by 10% instead.

78.5596, 89.6243,
107.7664

78.5596, 89.6243,
107.7664

478.8760,
526.8080, 606.2738

58.8382, 67.6691,
82.1493

130.2999,
146.8164, 173.9344

42.7287, 49.6286,
60.9521

163.0494,
182.8221, 215.3223

29.8659, 35.1184,
43.7562

200.8724,
224.2801, 262.8043

19.8844, 23.7541,
30.1431

244.1342,
271.5747, 316.7989

12.4188, 15.1513,
19.6943

293.2000,
325.0904, 377.7246

7.1038, 8.9256,
11.9911

348.4354,

3.5740, 4.6927,

385.2116, 446.0000

6.6152

410.2056,
452.3227, 522.0435

■ 1.4641, 2.0681,
3.1478

■ 0.3012, 0.6466,
1.1706

■ 78.5596, 89.6243,
107.7664

■ 78.5596, 89.6243,
107.7664

■ 71.2858, 84.8775,
107.2336

■ 86.9984, 94.9880,
108.3570

■ 65.1151, 80.7083,
106.7541

95.0500, 100.0000,
108.9000

■ 59.9903, 77.0898,
106.3257

■ 55.8461, 73.9883,
105.9455

■ 52.6103, 71.3664,
105.6100

■ 50.2003, 69.1815,
105.3153

■ 48.5183, 67.3832,
105.0568

■ 47.4277, 65.9010,
104.8282

■ 47.2810, 65.6820,
104.7937

Harmonies

Analogous

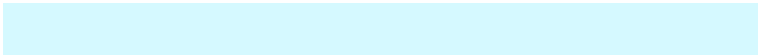
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



77.7973, 89.6243, 96.3727



78.5596, 89.6243, 107.7664



81.0785, 89.6243, 117.0214

Triad

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



78.5596, 89.6243, 107.7664



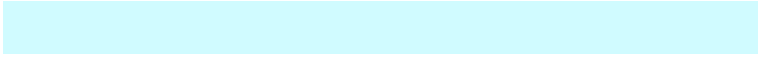
91.7257, 89.6243, 110.0361



85.6112, 89.6243, 77.3674

Complementary

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



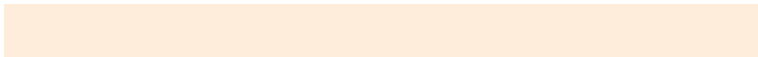
78.5596, 89.6243, 107.7664



76.1683, 72.8998, 69.7327

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.



89.4283, 89.6243, 80.4306



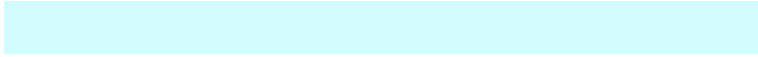
78.5596, 89.6243, 107.7664



93.0267, 89.6243, 98.8087

Square

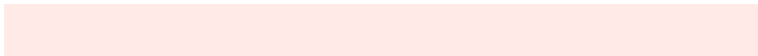
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



78.5596, 89.6243, 107.7664



88.6696, 89.6243, 118.4015



92.1733, 89.6243, 88.0671



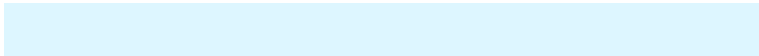
81.7933, 89.6243, 79.3647

Rectangle

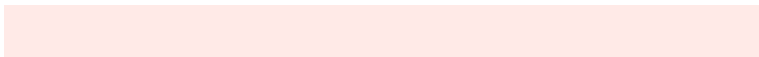
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



78.5596, 89.6243, 107.7664



83.4563, 89.6243, 120.4255



92.1733, 89.6243, 88.0671



86.9378, 89.6243, 77.8332

Sweetspot

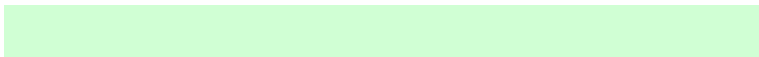
The Sweet Spot groups the original color and five complimentary colors.



78.5619, 89.6279, 107.7670



89.2299, 96.3858, 108.5091



73.6466, 89.6796, 75.6621



18.9690, 20.5493, 23.2166



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.



78.5619, 89.6279, 107.7670



75.8342, 87.8636, 107.5702



71.6925, 75.8889, 105.4772



18.4150, 20.2017, 23.1787



24.7603, 34.4301, 54.7753



2.4481, 3.4269, 5.3457

Inverse Universe

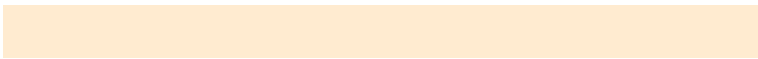
The Inverse Universe completely reimagines the original color for something new.



81.2099, 73.3383, 101.1466



78.9321, 68.9775, 99.7867



82.4535, 85.4703, 71.8278



18.7221, 18.2722, 22.4199



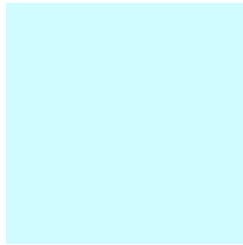
29.2860, 14.2037, 41.7522



2.8703, 1.3905, 4.1644

Previews

White Background



This preview shows how the XYZ color 78.5596, 89.6243, 107.7664 looks on a white background.

Color Contrast Check

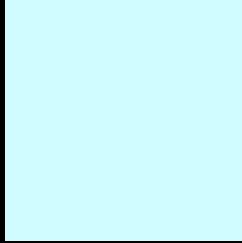
Large Text (above 18pt) WCAG AA × Fail

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 78.5596, 89.6243, 107.7664 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 78.5596, 89.6243, 107.7664

Background



This preview shows how black text looks on a background with the XYZ color 78.5596, 89.6243, 107.7664.

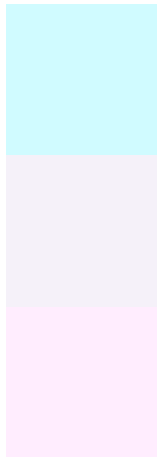


This preview shows how white text looks on a background with the XYZ color 78.5596, 89.6243,

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

78.5596, 89.6243, 107.7664

Protanopia

86.2104, 89.1626, 102.2889

Deuteranopia

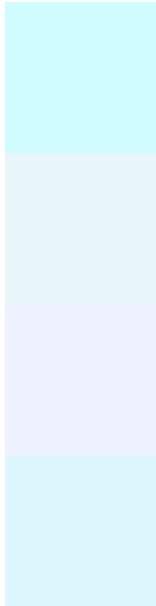
89.4136, 88.9841, 106.2290



Tritanopia

83.0155, 89.1828, 107.4464

Trichromacy



Original Color

78.5596, 89.6243, 107.7664

Protanomaly

83.3437, 89.4257, 104.1350

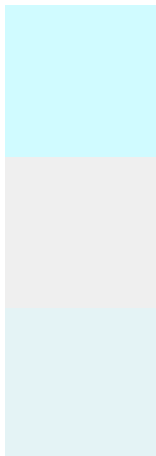
Deuteranomaly

84.9014, 88.8372, 106.4384

Tritanomaly

81.1296, 89.1137, 107.5324

Monochromacy



Original Color

78.5596, 89.6243, 107.7664

Achromatopsia

82.0431, 86.3157, 93.9978

Achromatomaly

80.5269, 87.1877, 98.9709

CSS Examples

Text

The CSS property to change the color of the text to XYZ 78.5596, 89.6243, 107.7664 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(208, 251, 255)` looks like.

```
.text, #text, p{  
    color:rgb(208, 251, 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(208, 251, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 251, 255) }
```

Border

The CSS property to change the border of an element to XYZ 78.5596, 89.6243, 107.7664 is called "border". The border property can be set on classes, ids or directly on the HTML element.

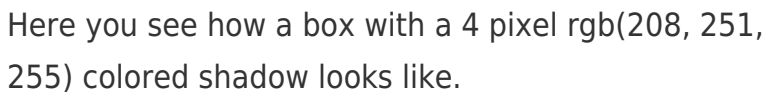
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(208, 251, 255) }
```


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

```
.border{ border-color:rgb(208, 251, 255) }
```

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



Here you see how a box with a 4 pixel `rgb(208, 251, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 251, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 251, 255);  
box-shadow:4px 4px 4px 4px rgb(208, 251,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 78.5596, 89.6243, 107.7664 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 251, 255) }
```

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

```
.background{ background-color: rgb(208,  
251, 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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