

Converting Colors

XYZ(67.3337, 70.9476,
104.7531)

Have a look what the booklet for
XYZ(67.3337, 70.9476, 104.7531)
contains.

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Color

**XYZ(67.4596, 71.0750,
104.7711)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | C7DDFF |
| RGB | 199, 221, 255 |
| RGB Percent | 78%, 87%, 100% |
| CMY | 0.2196, 0.1333, 0.0000 |
| CMYK | 0.22, 0.13, 0.00, 0.00 |
| HSL | 216°, 100%, 89% |
| HSV | 216°, 22%, 100% |
| XYZ | 67.4596, 71.0750, 104.7711 |
| YIQ | 218.2980, -24.0260, 5.9100 |

Conversions

Conversions Part 2

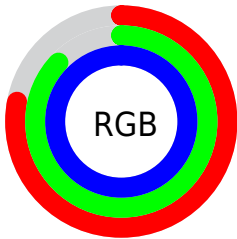
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 199, 215, 255 |
| Decimal | 13098495 |
| CIE _{Lab} | 87.52, -0.21, -18.96 |
| CIE _{LCh} | 88, 18.966, 269.367 |
| Yxy | 71.0750, 0.2773, 0.2921 |
| Android (android.graphics.Color) | 4291288575 (0xFFC7DDFF) |
| YUV | 218.2980, 18.0941, -16.9243 |
| Hunter-Lab | 84.3060, -4.7041, -14.6683 |

Details

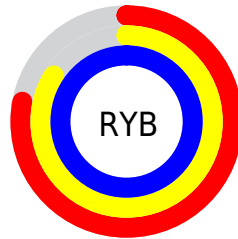
The XYZ color **67.4596, 71.0750, 104.7711** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **80.6875, 83.6604, 65.9299**, and the grayscale version is **66.7387, 70.2143, 76.4634**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **35.3309, 37.2789, 58.7595** is the 20% darker color. If you saturate the color by 10%, you get **57.3518, 60.0753, 103.1807**, and if you desaturate by 10%, it is **79.0819, 83.4185, 106.5411**.

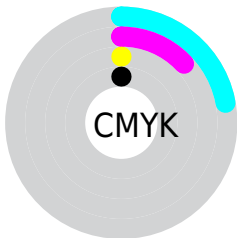
Distribution



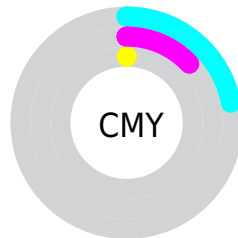
- Red (78%)
- Green (87%)
- Blue (100%)



- Red (78%)
- Yellow (84%)
- Blue (100%)



- Cyan (22%)
- Magenta (13%)
- Yellow (0%)
- Black (0%)



- Cyan (22%)
- Magenta (13%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 67.4596, 71.0750, 104.7711 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 67.4596, 71.0750, 104.7711 by changing the saturation by 10% instead.

■ 67.4596, 71.0750,
104.7711

■ 67.4596, 71.0750,
104.7711

440.9858,
464.3156, 596.7602

■ 49.7303, 52.4034,
79.6520

114.6249,
120.7405, 169.8073

■ 35.4161, 37.3267,
58.9076

144.7916,
152.5032, 210.5615

■ 24.1516, 25.4606,
42.1192

179.8348,
189.3984, 257.3645

■ 15.5714, 16.4205,
28.8684

220.1198,
231.8105, 310.6348

■ 9.3103, 9.8222,
18.7365

266.0121,
280.1239, 370.7910

■ 5.0029, 5.2812,
11.3052

317.8769,

■ 2.2837, 2.4132,

334.7229, 438.2516

6.1557

376.0797,
395.9920, 513.4351

■ 0.7863, 0.8327,
2.8697

■ 0.0000, 0.0000,
1.0285

■ 67.4596, 71.0750,
104.7711

■ 67.4596, 71.0750,
104.7711

■ 57.3518, 60.0753,
103.1807

■ 79.0819, 83.4185,
106.5411

■ 48.6860, 50.3617,
101.7625

■ 92.2751, 97.1441,
108.4950

■ 41.3923, 41.8841,
100.5106

■ 95.0500, 100.0000,
108.9000

■ 35.3922, 34.5858,
99.4181

■ 30.5984, 28.4044,
98.4776

■ 26.9116, 23.2705,
97.6810

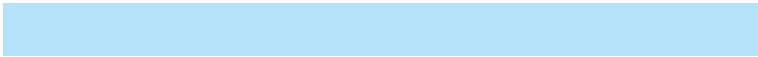
■ 24.2137, 19.1039,
97.0190

■ 22.6256, 16.3712,
96.5752

Harmonies

Analogous

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



63.2599, 71.0750, 100.6160



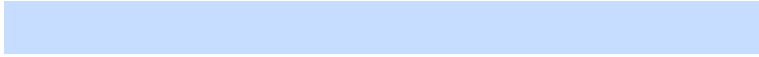
67.4596, 71.0750, 104.7711



71.8677, 71.0750, 100.9408

Triad

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



67.4596, 71.0750, 104.7711



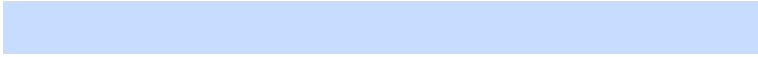
75.3433, 71.0750, 65.9097



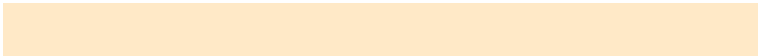
60.4104, 71.0750, 65.4868

Complementary

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



67.4596, 71.0750, 104.7711



80.6875, 83.6604, 65.9299

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.



63.4177, 71.0750, 57.8184



67.4596, 71.0750, 104.7711



72.0395, 71.0750, 58.0429

Square

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



67.4596, 71.0750, 104.7711



76.5395, 71.0750, 77.6613



67.6498, 71.0750, 55.2483



59.3020, 71.0750, 77.1166

Rectangle

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



67.4596, 71.0750, 104.7711



74.3050, 71.0750, 94.5912



67.6498, 71.0750, 55.2483



61.2260, 71.0750, 62.4094

Sweetspot

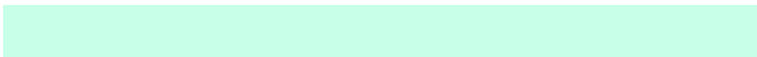
The Sweet Spot groups the original color and five complimentary colors.



67.4616, 71.0778, 104.7715



85.4250, 90.0501, 107.4868



73.9649, 89.5229, 90.1736



18.1148, 19.0977, 22.9814



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.



67.4616, 71.0778, 104.7715



63.1987, 66.4741, 104.1076



63.5413, 60.9908, 103.0311



17.5884, 18.5485, 22.9032



11.9574, 8.8243, 50.5076



1.2670, 1.0646, 4.9520

Inverse Universe

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



74.7158, 67.3288, 77.4676



71.6067, 62.4197, 72.3957



85.2789, 95.8570, 68.0421



18.3049, 18.1053, 20.2228



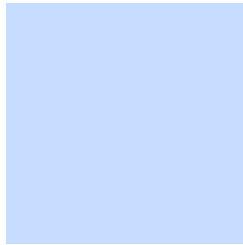
22.8237, 11.6188, 7.7222



2.2741, 1.1520, 1.0249

Previews

White Background



This preview shows how the XYZ color 67.4596, 71.0750, 104.7711 looks on a white background.

Color Contrast Check

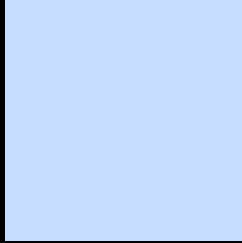
Large Text (above 18pt) WCAG AA × Fail

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 67.4596, 71.0750, 104.7711 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

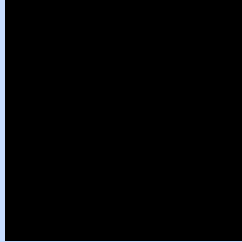
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

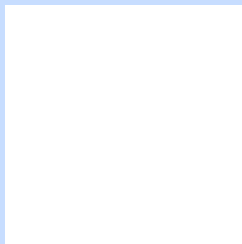
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 67.4596, 71.0750, 104.7711

Background



This preview shows how black text looks on a background with the XYZ color 67.4596, 71.0750, 104.7711.



This preview shows how white text looks on a background with the XYZ color 67.4596, 71.0750,

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

67.4596, 71.0750, 104.7711

Protanopia

69.9830, 70.8637, 102.9181

Deuteranopia

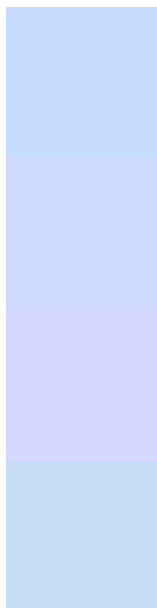
72.2208, 70.8427, 104.4753



Tritanopia

65.0298, 70.8620, 93.4694

Trichromacy



Original Color

67.4596, 71.0750, 104.7711

Protanomaly

68.9732, 70.7085, 103.7788

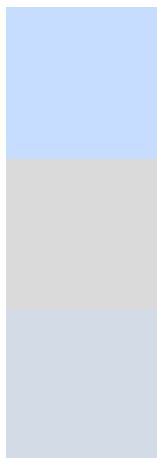
Deuteranomaly

70.5944, 71.1418, 104.6188

Tritanomaly

65.7818, 70.7667, 97.3810

Monochromacy



Original Color

67.4596, 71.0750, 104.7711

Achromatopsia

66.6397, 70.1102, 76.3500

Achromatomaly

66.6193, 70.2814, 85.6558

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.4596, 71.0750, 104.7711 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(199, 221, 255)` looks like.

```
.text, #text, p{  
    color:rgb(199, 221, 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(199, 221, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 221, 255) }
```

Border

The CSS property to change the border of an element to XYZ 67.4596, 71.0750, 104.7711 is called "border". The border property can be set on classes, ids or directly on the HTML element.

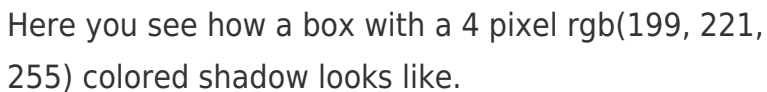
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(199, 221, 255) }
```


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

```
.border{ border-color:rgb(199, 221, 255) }
```

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



Here you see how a box with a 4 pixel `rgb(199, 221, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(199, 221, 255); -webkit-box-shadow:4px 4px 4px 4px rgb(199, 221, 255); box-shadow:4px 4px 4px 4px rgb(199, 221, 255) }
```

Background

The CSS property to change the background color of an element to XYZ 67.4596, 71.0750, 104.7711 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 221, 255) }
```

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

```
.background{ background-color: rgb(199,  
221, 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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