

Converting Colors

XYZ(74.2647, 69.7921,
142.6064)

Have a look what the booklet for
XYZ(74.2647, 69.7921, 142.6064)
contains.

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Color

**XYZ(67.0764, 67.0739,
104.0190)**

Conversions

Conversions Part 1

Format	Color
Hex	CFD3FF
RGB	207, 211, 255
RGB Percent	81%, 83%, 100%
CMY	0.1882, 0.1725, 0.0000
CMYK	0.19, 0.17, 0.00, 0.00
HSL	235°, 100%, 91%
HSV	235°, 19%, 100%
XYZ	67.0764, 67.0739, 104.0190
YIQ	214.8200, -16.5080, 12.8360

Conversions

Conversions Part 2

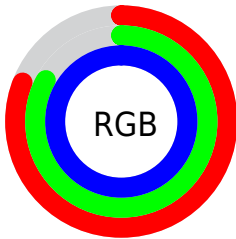
Format	Color
R _Y B	207, 211, 255
Decimal	13620223
CIE Lab	85.54, 7.48, -21.91
CIE LCh	86, 23.147, 288.853
Yxy	67.0739, 0.2816, 0.2816
Android (android.graphics.Color)	4291810303 (0xFFCFD3FF)
YUV	214.8200, 19.8087, -6.8581
Hunter-Lab	81.8987, 2.8719, -17.9748

Details

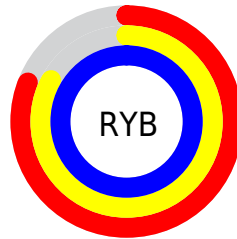
The XYZ color **67.0764, 67.0739, 104.0190** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **86.9995, 94.7584, 72.7381**, and the grayscale version is **64.3495, 67.7006, 73.7260**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **35.1989, 34.8666, 58.3008** is the 20% darker color. If you saturate the color by 10%, you get **55.1286, 52.9134, 101.9155**, and if you desaturate by 10%, it is **81.0228, 83.5214, 106.4586**.

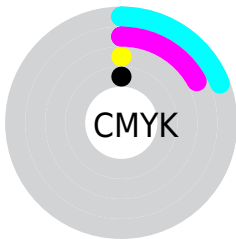
Distribution



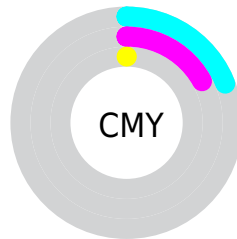
- Red (81%)
- Green (83%)
- Blue (100%)



- Red (81%)
- Yellow (83%)
- Blue (100%)



- Cyan (19%)
- Magenta (17%)
- Yellow (0%)
- Black (0%)



- Cyan (19%)
- Magenta (17%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 67.0764, 67.0739, 104.0190 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 67.0764, 67.0739, 104.0190 by changing the saturation by 10% instead.

■ 67.0764, 67.0739,
104.0190

■ 67.0764, 67.0739,
104.0190

439.6449,
450.2078, 594.3589

■ 49.4176, 49.1447,
79.0257

114.0791,
115.0263, 168.7692

■ 35.1668, 34.7343,
58.3955

144.1537,
145.8183, 209.3632

■ 23.9585, 23.4583,
41.7099

179.0977,
181.6666, 255.9944

■ 15.4274, 14.9322,
28.5503

219.2763,
222.9557, 309.0815

■ 9.2082, 8.7718,
18.4983

265.0550,
270.0700, 369.0429

■ 4.9354, 4.5927,
11.1352

316.7991,

■ 2.2438, 2.0103,

323.3938, 436.2973

6.0425

374.8739,
383.3116, 511.2631

■ 0.7657, 0.6135,
2.8017

■ 0.0000, 0.0000,
0.9943

■ 67.0764, 67.0739,
104.0190

■ 67.0764, 67.0739,
104.0190

■ 55.1286, 52.9134,
101.9155

■ 81.0228, 83.5214,
106.4586

■ 45.0823, 40.9310,
100.1321

95.0500, 100.0000,
108.9000

■ 36.8408, 31.0208,
98.6536

■ 30.2967, 23.0649,
97.4629

■ 25.3311, 16.9333,
96.5411

■ 21.8095, 12.4804,
95.8672

■ 19.5748, 9.5381,
95.4171

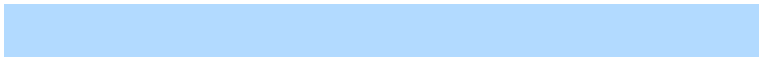
■ 18.4145, 7.8932,
95.1607

■ 18.3230, 7.7660,
95.1410

Harmonies

Analogous

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



61.8162, 67.0739, 105.2998



67.0764, 67.0739, 104.0190



71.6757, 67.0739, 93.7991

Triad

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



67.0764, 67.0739, 104.0190



70.6415, 67.0739, 53.3183



54.3338, 67.0739, 67.5737

Complementary

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



67.0764, 67.0739, 104.0190



86.9995, 94.7584, 72.7381

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.



56.4344, 67.0739, 55.5815



67.0764, 67.0739, 104.0190



65.7272, 67.0739, 48.1381

Square

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



67.0764, 67.0739, 104.0190



73.8109, 67.0739, 64.0656



60.5388, 67.0739, 48.9053



54.6507, 67.0739, 82.7984

Rectangle

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



67.0764, 67.0739, 104.0190



73.6583, 67.0739, 83.9890



60.5388, 67.0739, 48.9053



54.7758, 67.0739, 63.0721

Sweetspot

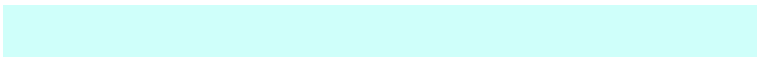
The Sweet Spot groups the original color and five complimentary colors.



67.0783, 67.0766, 104.0194



85.3315, 88.5890, 107.2097



78.7796, 91.7005, 104.1551



18.0479, 18.7071, 22.9095



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.



67.0783, 67.0766, 104.0194



61.8487, 60.8880, 103.1005



71.7908, 68.0484, 103.9586



17.1247, 17.6210, 22.7486



9.6160, 4.1416, 49.7272



0.9760, 0.4827, 4.8550

Inverse Universe

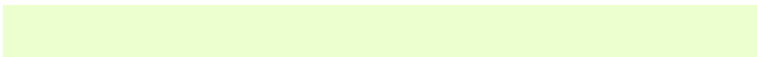
The Inverse Universe completely reimagines the original color for something new.



75.3119, 70.5904, 71.2869



71.6298, 65.1263, 64.2017



81.5489, 93.8240, 72.8450



18.0708, 18.0116, 18.9902



21.6419, 11.1461, 1.4988



2.1272, 1.0933, 0.2515

Previews

White Background



This preview shows how the XYZ color 67.0764, 67.0739, 104.0190 looks on a white background.

Color Contrast Check

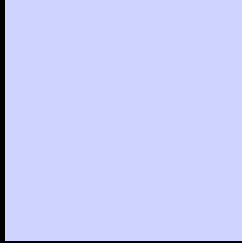
Large Text (above 18pt) WCAG AA × Fail

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 67.0764, 67.0739, 104.0190 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

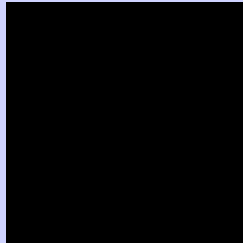
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 67.0764, 67.0739, 104.0190

Background



This preview shows how black text looks on a background with the XYZ color 67.0764, 67.0739, 104.0190.



This preview shows how white text looks on a background with the XYZ color 67.0764, 67.0739,

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

67.0764, 67.0739, 104.0190

Protanopia

66.7703, 67.2861, 104.0761

Deuteranopia

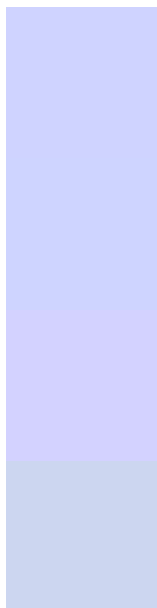
68.5820, 67.1171, 103.9480



Tritanopia

63.4945, 67.1236, 85.9536

Trichromacy



Original Color

67.0764, 67.0739, 104.0190

Protanomaly

67.0471, 67.4288, 104.0890

Deuteranomaly

67.9606, 67.1621, 103.9894

Tritanomaly

64.6766, 67.2218, 92.0044

Monochromacy



Original Color

67.0764, 67.0739, 104.0190

Achromatopsia

64.5905, 67.9542, 74.0022

Achromatomaly

65.4809, 67.8034, 84.4991

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.0764, 67.0739, 104.0190 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, 211, 255)` looks like.

```
.text, #text, p{  
    color:rgb(207, 211, 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, 211, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 211, 255) }
```

Border

The CSS property to change the border of an element to XYZ 67.0764, 67.0739, 104.0190 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, 211, 255) }
```


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

```
.border{ border-color:rgb(207, 211, 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, 211, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 211, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 211, 255);  
box-shadow:4px 4px 4px 4px rgb(207, 211,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 67.0764, 67.0739, 104.0190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 211, 255) }
```

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

```
.background{ background-color: rgb(207,  
211, 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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