

Converting Colors

XYZ(78.6692, 70.8990,
162.4873)

Have a look what the booklet for
XYZ(78.6692, 70.8990, 162.4873)
contains.

XYZ(67.7144, 66.6698, 103.9074)	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(67.7144, 66.6698,
103.9074)**

Conversions

Conversions Part 1

Format	Color
Hex	D3D1FF
RGB	211, 209, 255
RGB Percent	83%, 82%, 100%
CMY	0.1725, 0.1804, 0.0000
CMYK	0.17, 0.18, 0.00, 0.00
HSL	243°, 100%, 91%
HSV	243°, 18%, 100%
XYZ	67.7144, 66.6698, 103.9074
YIQ	214.8420, -13.5740, 14.7300

Conversions

Conversions Part 2

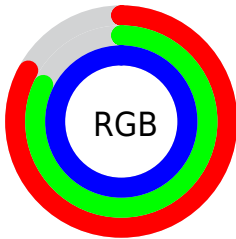
Format	Color
R _Y B	211, 209, 255
Decimal	13881855
CIE Lab	85.34, 9.77, -22.19
CIE LCh	85, 24.242, 293.761
Yxy	66.6698, 0.2842, 0.2798
Android (android.graphics.Color)	4292071935 (0xFFD3D1FF)
YUV	214.8420, 19.7979, -3.3694
Hunter-Lab	81.6516, 5.1414, -18.2946

Details

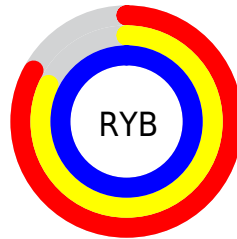
The XYZ color **67.7144, 66.6698, 103.9074** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **87.7780, 97.0067, 74.4224**, and the grayscale version is **64.3630, 67.7149, 73.7415**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **35.6247, 34.5878, 58.2246** is the 20% darker color. If you saturate the color by 10%, you get **55.4860, 51.8112, 101.6839**, and if you desaturate by 10%, it is **82.0082, 84.0829, 106.5151**.

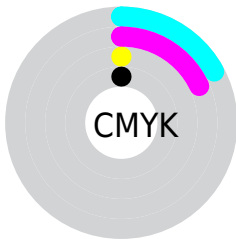
Distribution



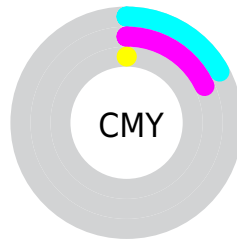
- Red (83%)
- Green (82%)
- Blue (100%)



- Red (83%)
- Yellow (82%)
- Blue (100%)



- Cyan (17%)
- Magenta (18%)
- Yellow (0%)
- Black (0%)



- Cyan (17%)
- Magenta (18%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 67.7144, 66.6698, 103.9074 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 67.7144, 66.6698, 103.9074 by changing the saturation by 10% instead.

67.7144, 66.6698,
103.9074

67.7144, 66.6698,
103.9074

441.8761,
448.7685, 594.0022

49.9382, 48.8163,
78.9328

114.9876,
114.4471, 168.6151

35.5819, 34.4738,
58.3195

145.2154,
145.1398, 209.1852

24.2801, 23.2578,
41.6492

180.3245,
180.8810, 255.7910

15.6674, 14.7840,
28.5032

220.6801,
222.0551, 308.8508

9.3784, 8.6679,
18.4630

266.6478,
269.0465, 368.7833

5.0479, 4.5252,
11.1100

318.5927,

2.3105, 1.9715,

322.2396, 436.0070

6.0258

376.8804,
382.0188, 510.9404

■ 0.8000, 0.5908,
2.7917

■ 0.0000, 0.0000,
0.9893

■ 67.7144, 66.6698,
103.9074

■ 67.7144, 66.6698,
103.9074

■ 55.4860, 51.8112,
101.6839

■ 82.0082, 84.0829,
106.5151

■ 45.2222, 39.3795,
99.8253

95.0500, 100.0000,
108.9000

■ 36.8222, 29.2481,
98.3124

■ 30.1740, 21.2758,
97.1240

■ 25.1538, 15.3060,
96.2363

■ 21.6211, 11.1606,
95.6224

■ 19.4122, 8.6305,
95.2505

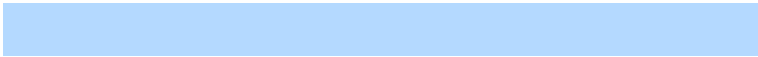
■ 18.3157, 7.4376,
95.0780

■ 18.1890, 7.2917,
95.0565

Harmonies

Analogous

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



62.2279, 66.6698, 106.9625



67.7144, 66.6698, 103.9074



72.2638, 66.6698, 91.9598

Triad

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



67.7144, 66.6698, 103.9074



69.8116, 66.6698, 50.8468



53.4476, 66.6698, 69.3574

Complementary

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



67.7144, 66.6698, 103.9074



87.7780, 97.0067, 74.4224

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.



55.2333, 66.6698, 56.1546



67.7144, 66.6698, 103.9074



64.5212, 66.6698, 46.5074

Square

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



67.7144, 66.6698, 103.9074



73.5227, 66.6698, 61.0855



59.2110, 66.6698, 48.3004



54.1936, 66.6698, 85.4599

Rectangle

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



67.7144, 66.6698, 103.9074



74.0466, 66.6698, 81.3742



59.2110, 66.6698, 48.3004



53.7682, 66.6698, 64.4657

Sweetspot

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



67.7163, 66.6725, 103.9078



86.7711, 89.8930, 107.3855



79.6187, 91.3217, 108.0382



18.3329, 18.9484, 22.9411



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.



67.7163, 66.6725, 103.9078



62.6284, 60.4851, 102.9817



74.6310, 70.2371, 104.2314



17.0760, 17.4154, 22.7115



9.5355, 3.8262, 49.6705



0.9530, 0.3852, 4.8374

Inverse Universe

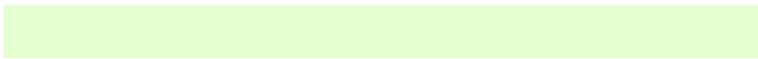
The Inverse Universe completely reimagines the original color for something new.



81.7716, 73.9552, 102.8953



79.3005, 69.1249, 101.7271



80.0531, 93.0244, 74.0609



18.7566, 18.2859, 22.6013



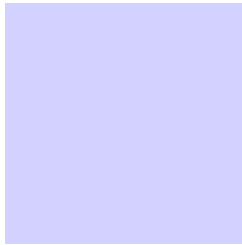
30.0901, 14.5253, 45.9866



2.9399, 1.4183, 4.5310

Previews

White Background



This preview shows how the XYZ color 67.7144, 66.6698, 103.9074 looks on a white background.

Color Contrast Check

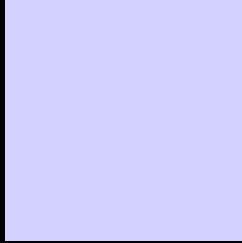
Large Text (above 18pt) WCAG AA × Fail

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 67.7144, 66.6698, 103.9074 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

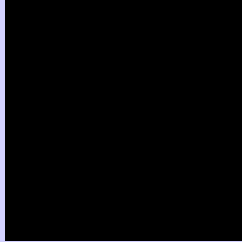
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 67.7144, 66.6698, 103.9074

Background



This preview shows how black text looks on a background with the XYZ color 67.7144, 66.6698, 103.9074.



This preview shows how white text looks on a background with the XYZ color 67.7144, 66.6698,

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

67.7144, 66.6698, 103.9074

Protanopia

66.2461, 66.6459, 103.9801

Deuteranopia

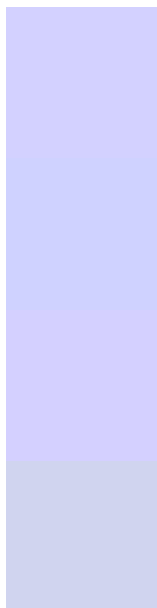
68.0464, 66.4779, 103.8528



Tritanopia

63.8093, 66.5671, 84.3485

Trichromacy



Original Color

67.7144, 66.6698, 103.9074

Protanomaly

66.8287, 66.5786, 103.9364

Deuteranomaly

67.7573, 66.3288, 103.8393

Tritanomaly

65.1359, 66.7289, 91.1083

Monochromacy



Original Color

67.7144, 66.6698, 103.9074

Achromatopsia

64.5905, 67.9542, 74.0022

Achromatomaly

65.8087, 67.5978, 84.4421

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.7144, 66.6698, 103.9074 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(211, 209, 255)` looks like.

```
.text, #text, p{  
    color:rgb(211, 209, 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(211, 209, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 209, 255) }
```

Border

The CSS property to change the border of an element to XYZ 67.7144, 66.6698, 103.9074 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(211, 209, 255) }
```


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

```
.border{ border-color:rgb(211, 209, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 209, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 209, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 209, 255);  
box-shadow:4px 4px 4px 4px rgb(211, 209,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 67.7144, 66.6698, 103.9074 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 209, 255) }
```

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

```
.background{ background-color: rgb(211,  
209, 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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