

Converting Colors

XYZ(66.8589, 71.5923, 97.3725)

Have a look what the booklet for
XYZ(66.8589, 71.5923, 97.3725)
contains.

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Color

**XYZ(66.8416, 71.7085,
97.5070)**

Conversions

Conversions Part 1

Format	Color
Hex	C8DFF6
RGB	200, 223, 246
RGB Percent	78%, 87%, 96%
CMY	0.2157, 0.1255, 0.0353
CMYK	0.19, 0.09, 0.00, 0.04
HSL	210°, 72%, 87%
HSV	210°, 19%, 96%
XYZ	66.8416, 71.7085, 97.5070
YIQ	218.7450, -21.0910, 2.2770

Conversions

Conversions Part 2

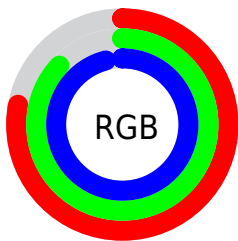
Format	Color
R _{YB}	200, 215, 246
Decimal	13164534
CIE Lab	87.83, -2.90, -13.76
CIE LCh	88, 14.065, 258.112
Yxy	71.7085, 0.2832, 0.3038
Android (android.graphics.Color)	4291354614 (0xFFC8DFF6)
YUV	218.7450, 13.4367, -16.4394
Hunter-Lab	84.6809, -7.2952, -8.9937

Details

The XYZ color **66.8416, 71.7085, 97.5070** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **74.8196, 76.5383, 65.4750**, and the grayscale version is **67.0773, 70.5706, 76.8514**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **35.1510, 37.8340, 54.1652** is the 20% darker color. If you saturate the color by 10%, you get **57.6257, 62.2571, 96.1696**, and if you desaturate by 10%, it is **77.3576, 82.1881, 98.9767**.

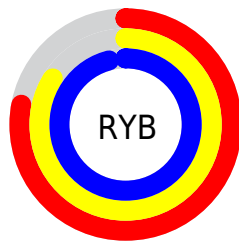
Distribution



Red (78%)

Green (87%)

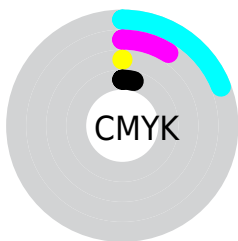
Blue (96%)



Red (78%)

Yellow (84%)

Blue (96%)

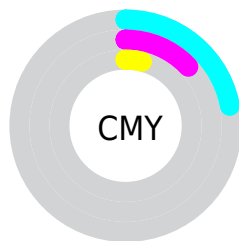


Cyan (19%)

Magenta (9%)

Yellow (0%)

Black (4%)



Cyan (22%)

Magenta (13%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.8416, 71.7085, 97.5070 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 66.8416, 71.7085, 97.5070 by changing the saturation by 10% instead.

■ 66.8416, 71.7085,
97.5070

■ 66.8416, 71.7085,
97.5070

438.8221,
466.5264, 573.3482

■ 49.2261, 52.9206,
73.6149

113.7445,
121.6420, 159.7489

■ 35.0142, 37.7394,
53.9841

143.7626,
153.5564, 198.9357

■ 23.8404, 25.7805,
38.1958

178.6456,
190.6150, 244.0579

■ 15.3393, 16.6595,
25.8317

218.7589,
233.2024, 295.5341

■ 9.1457, 9.9920,
16.4731

264.4679,
281.7028, 353.7826

■ 4.8942, 5.3937,
9.7016

316.1378,

■ 2.2195, 2.4800,

336.5007, 419.2221

5.0986

374.1341,
397.9804, 492.2711

■ 0.7530, 0.8666,
2.2455

■ 0.0000, 0.0000,
0.7004

■ 66.8416, 71.7085,
97.5070

■ 66.8416, 71.7085,
97.5070

■ 57.6257, 62.2571,
96.1696

■ 77.3576, 82.1881,
98.9767

■ 49.6479, 53.7890,
94.9556

■ 89.2191, 93.7212,
100.5776

■ 42.8506, 46.2686,
93.8622

■ 93.6348, 99.4339,
101.4475

■ 37.1686, 39.6543,
92.8850

■ 32.5299, 33.9007,
92.0189

■ 28.8529, 28.9570,
91.2585

■ 26.0417, 24.7650,
90.5975

■ 23.9599, 21.2447,
90.0278

■ 23.7196, 20.8236,
89.9592

Harmonies

Analogous

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



63.9557, 71.7085, 92.5957



66.8416, 71.7085, 97.5070



70.1740, 71.7085, 96.9085

Triad

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



66.8416, 71.7085, 97.5070



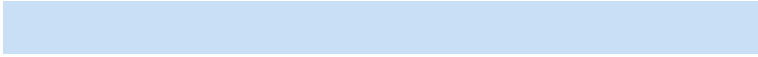
74.4485, 71.7085, 72.4958



63.4840, 71.7085, 66.4242

Complementary

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



66.8416, 71.7085, 97.5070



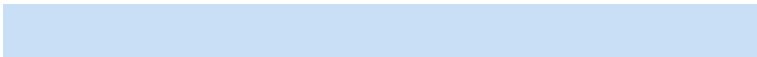
74.8196, 76.5383, 65.4750

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.



66.1786, 71.7085, 61.8606



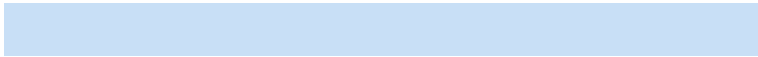
66.8416, 71.7085, 97.5070



72.5379, 71.7085, 65.1637

Square

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



66.8416, 71.7085, 97.5070



74.6402, 71.7085, 81.9311



69.4891, 71.7085, 61.4188



62.0601, 71.7085, 74.3483

Rectangle

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



66.8416, 71.7085, 97.5070



72.2003, 71.7085, 93.4717



69.4891, 71.7085, 61.4188



64.2671, 71.7085, 64.4752

Sweetspot

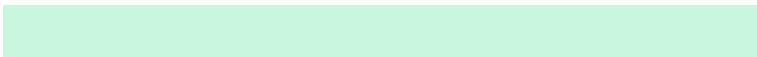
The Sweet Spot groups the original color and five complimentary colors.



66.8438, 71.7114, 97.5086



87.2516, 92.4292, 107.8497



69.9927, 83.4787, 81.6967



18.5007, 19.6127, 23.0605



0.0000, 0.0000, 0.0000



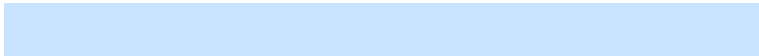
20.3446, 21.4041, 23.3091

Same Dimension

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



66.8438, 71.7114, 97.5086



69.0330, 74.2611, 105.3031



61.2877, 60.5993, 95.6566



16.2658, 17.2959, 21.0237



12.8008, 11.3954, 48.0629



1.2278, 1.2071, 4.2585

Inverse Universe

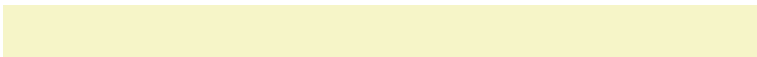
The Inverse Universe completely reimagines the original color for something new.



71.9813, 66.2307, 78.8053



75.4991, 67.6043, 81.7090



81.1557, 89.2103, 67.5870



16.8448, 16.6208, 18.9291



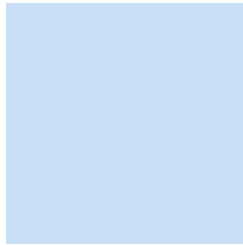
22.2658, 11.2497, 11.3738



2.0088, 1.0095, 1.2728

Previews

White Background



This preview shows how the XYZ color 66.8416, 71.7085, 97.5070 looks on a white background.

Color Contrast Check

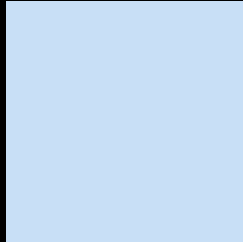
Large Text (above 18pt) WCAG AA × Fail

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 66.8416, 71.7085, 97.5070 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

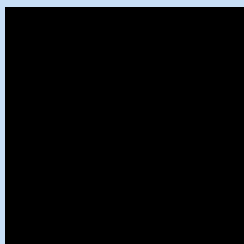
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

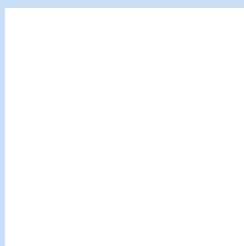
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 66.8416, 71.7085, 97.5070

Background



This preview shows how black text looks on a background with the XYZ color 66.8416, 71.7085, 97.5070.

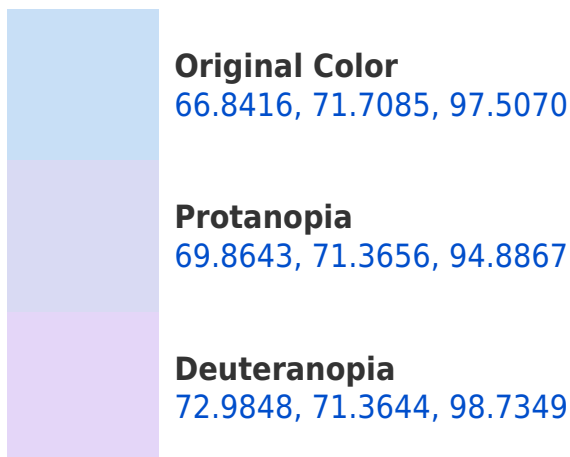


This preview shows how white text looks on a background with the XYZ color 66.8416, 71.7085,

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

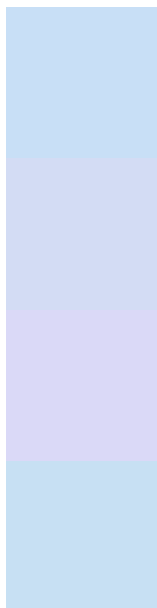




Tritanopia

66.2359, 71.8642, 94.3846

Trichromacy



Original Color

66.8416, 71.7085, 97.5070

Protanomaly

68.7863, 71.5669, 95.7763

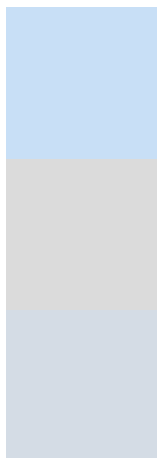
Deuteranomaly

70.5148, 71.2465, 98.0311

Tritanomaly

66.3865, 71.9245, 95.1779

Monochromacy



Original Color

66.8416, 71.7085, 97.5070

Achromatopsia

67.3311, 70.8376, 77.1421

Achromatomaly

66.8874, 70.8406, 84.2770

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.8416, 71.7085, 97.5070 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(200, 223, 246)` looks like.

```
.text, #text, p{  
    color:rgb(200, 223, 246)  
}
```

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(200, 223, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 223, 246) }
```

Border

The CSS property to change the border of an element to XYZ 66.8416, 71.7085, 97.5070 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(200, 223, 246) }
```


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

```
.border{ border-color:rgb(200, 223, 246) }
```

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

Here you see how a box with a 4 pixel rgb(200, 223, 246) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 223, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 223, 246);  
box-shadow:4px 4px 4px 4px rgb(200, 223,  
246) }
```

Background

The CSS property to change the background color of an element to XYZ 66.8416, 71.7085, 97.5070 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 223, 246) }
```

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

```
.background{ background-color: rgb(200,  
223, 246) }
```

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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