

Converting Colors

XYZ(67.1450, 69.3546, 95.5990)

Have a look what the booklet for
XYZ(67.1450, 69.3546, 95.5990)
contains.

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Color

**XYZ(66.8974, 69.0533,
95.3907)**

Conversions

Conversions Part 1

Format	Color
Hex	D0D8F4
RGB	208, 216, 244
RGB Percent	82%, 85%, 96%
CMY	0.1843, 0.1529, 0.0431
CMYK	0.15, 0.11, 0.00, 0.04
HSL	227°, 62%, 89%
HSV	227°, 15%, 96%
XYZ	66.8974, 69.0533, 95.3907
YIQ	216.8000, -13.7560, 7.0120

Conversions

Conversions Part 2

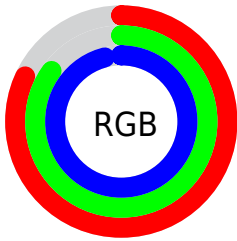
Format	Color
R _Y B	208, 215, 244
Decimal	13687028
CIE Lab	86.53, 2.82, -14.60
CIE LCh	87, 14.865, 280.934
Yxy	69.0533, 0.2892, 0.2985
Android (android.graphics.Color)	4291877108 (0xFFD0D8F4)
YUV	216.8000, 13.4096, -7.7176
Hunter-Lab	83.0983, -1.7226, -9.8917

Details

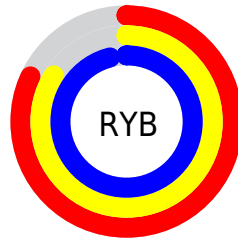
The XYZ color **66.8974, 69.0533, 95.3907** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **78.6892, 83.7777, 71.6992**, and the grayscale version is **65.7360, 69.1594, 75.3145**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.9588, 35.8929, 52.6624** is the 20% darker color. If you saturate the color by 10%, you get **55.9741, 56.6186, 93.5674**, and if you desaturate by 10%, it is **79.4416, 83.1606, 97.4536**.

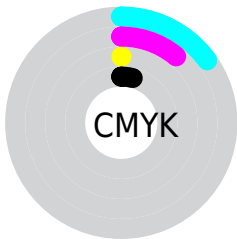
Distribution



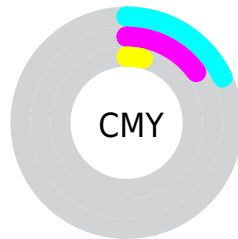
- Red (82%)
- Green (85%)
- Blue (96%)



- Red (82%)
- Yellow (84%)
- Blue (96%)



- Cyan (15%)
- Magenta (11%)
- Yellow (0%)
- Black (4%)



- Cyan (18%)
- Magenta (15%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.8974, 69.0533, 95.3907 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 66.8974, 69.0533, 95.3907 by changing the saturation by 10% instead.

■ 66.8974, 69.0533,
95.3907

■ 66.8974, 69.0533,
95.3907

439.0177,
457.2189, 566.4313

■ 49.2716, 50.7551,
71.8615

113.8240,
117.8577, 156.8045

■ 35.0504, 36.0138,
52.5594

143.8555,
149.1327, 195.5262

■ 23.8684, 24.4448,
37.0659

178.7531,
185.5021, 240.1491

■ 15.3603, 15.6639,
24.9623

218.8819,
227.3503, 291.0918

■ 9.1606, 9.2866,
15.8302

264.6074,
275.0617, 348.7728

■ 4.9040, 4.9286,
9.2510

316.2950,

■ 2.2252, 2.2054,

329.0207, 413.6107

4.8062

374.3100,
389.6116, 486.0240

■ 0.7560, 0.7230,
2.0773

■ 0.0000, 0.0000,
0.6022

■ 66.8974, 69.0533,
95.3907

■ 66.8974, 69.0533,
95.3907

■ 55.9741, 56.6186,
93.5674

■ 79.4416, 83.1606,
97.4536

■ 46.5984, 45.7852,
91.9705

■ 92.9974, 98.6479,
99.7285

■ 38.7005, 36.4890,
90.5924

■ 93.3293, 99.3117,
99.8392

■ 32.2027, 28.6583,
89.4234

■ 27.0198, 22.2154,
88.4530

■ 23.0571, 17.0751,
87.6696

■ 20.2061, 13.1418,
87.0607

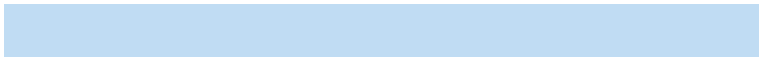
■ 18.3369, 10.3049,
86.6116

■ 17.6598, 9.1927,
86.4326

Harmonies

Analogous

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



63.4934, 69.0533, 94.5772



66.8974, 69.0533, 95.3907



70.0688, 69.0533, 90.4463

Triad

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



66.8974, 69.0533, 95.3907



70.7647, 69.0533, 63.4319



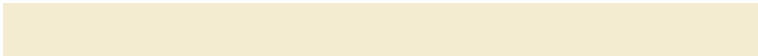
59.5703, 69.0533, 69.1601

Complementary

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



66.8974, 69.0533, 95.3907



78.6892, 83.7777, 71.6992

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.



61.3887, 69.0533, 61.7489



66.8974, 69.0533, 95.3907



67.8204, 69.0533, 58.6471

Square

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



66.8974, 69.0533, 95.3907



72.3530, 69.0533, 71.6465



64.3848, 69.0533, 58.0592



59.3427, 69.0533, 78.8429

Rectangle

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



66.8974, 69.0533, 95.3907



71.5939, 69.0533, 84.7837



64.3848, 69.0533, 58.0592



60.0127, 69.0533, 66.3438

Sweetspot

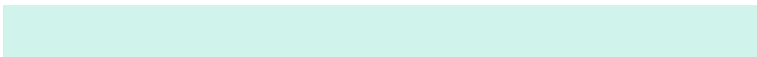
The Sweet Spot groups the original color and five complimentary colors.



66.8995, 69.0562, 95.3922



88.9178, 93.1593, 107.9028



73.4466, 84.1454, 91.4243



18.7924, 19.6720, 23.0565



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.



66.8995, 69.0562, 95.3922



69.7836, 71.6115, 104.7522



67.6803, 66.4887, 94.8555



15.8799, 16.5241, 20.8951



9.6851, 5.1639, 47.0243



0.9248, 0.6010, 4.1575

Inverse Universe

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



72.2604, 69.3043, 74.5376



76.8912, 72.0405, 77.0802



77.8002, 86.8168, 72.3327



16.6499, 16.5428, 17.9032



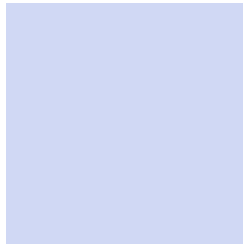
20.6931, 10.6207, 3.0922



1.8558, 0.9483, 0.4673

Previews

White Background



This preview shows how the XYZ color 66.8974, 69.0533, 95.3907 looks on a white background.

Color Contrast Check

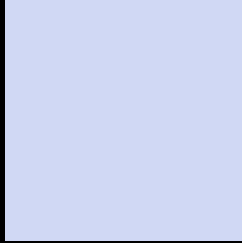
Large Text (above 18pt) WCAG AA × Fail

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 66.8974, 69.0533, 95.3907 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

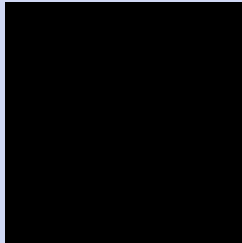
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 66.8974, 69.0533, 95.3907

Background



This preview shows how black text looks on a background with the XYZ color 66.8974, 69.0533, 95.3907.

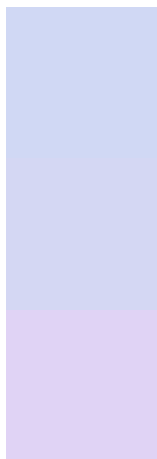


This preview shows how white text looks on a background with the XYZ color 66.8974, 69.0533,

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

66.8974, 69.0533, 95.3907

Protanopia

67.6295, 69.0690, 94.5612

Deuteranopia

70.5162, 69.0284, 95.9934



Tritanopia

65.5204, 69.2628, 88.5130

Trichromacy



Original Color

66.8974, 69.0533, 95.3907

Protanomaly

67.3421, 68.9208, 94.5478

Deuteranomaly

69.1891, 69.0865, 96.0746

Tritanomaly

65.9776, 69.0642, 90.7422

Monochromacy



Original Color

66.8974, 69.0533, 95.3907

Achromatopsia

65.9525, 69.3872, 75.5626

Achromatomaly

66.4095, 69.4679, 82.5815

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.8974, 69.0533, 95.3907 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, 216, 244)` looks like.

```
.text, #text, p{  
    color:rgb(208, 216, 244)  
}
```

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, 216, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 216, 244) }
```

Border

The CSS property to change the border of an element to XYZ 66.8974, 69.0533, 95.3907 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, 216, 244) }
```


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

```
.border{ border-color:rgb(208, 216, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 216, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 216, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 216, 244);  
box-shadow:4px 4px 4px 4px rgb(208, 216,  
244) }
```

Background

The CSS property to change the background color of an element to XYZ 66.8974, 69.0533, 95.3907 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 216, 244) }
```

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

```
.background{ background-color: rgb(208,  
216, 244) }
```

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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