

Converting Colors

XYZ(67.6633, 68.9103,
101.2970)

Have a look what the booklet for
XYZ(67.6633, 68.9103, 101.2970)
contains.

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Color

**XYZ(67.7254, 68.9758,
101.0109)**

Conversions

Conversions Part 1

Format	Color
Hex	D0D7FB
RGB	208, 215, 251
RGB Percent	82%, 84%, 98%
CMY	0.1843, 0.1568, 0.0157
CMYK	0.17, 0.14, 0.00, 0.02
HSL	230°, 84%, 90%
HSV	230°, 17%, 98%
XYZ	67.7254, 68.9758, 101.0109
YIQ	217.0110, -15.7280, 9.7120

Conversions

Conversions Part 2

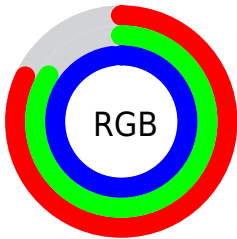
Format	Color
R _Y B	208, 214, 251
Decimal	13686779
CIE Lab	86.49, 4.81, -18.35
CIE LCh	86, 18.969, 284.697
Yxy	68.9758, 0.2849, 0.2902
Android (android.graphics.Color)	4291876859 (0xFFD0D7FB)
YUV	217.0110, 16.7566, -7.9026
Hunter-Lab	83.0517, 0.2194, -13.9748

Details

The XYZ color **67.7254, 68.9758, 101.0109** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **83.5199, 89.7644, 72.6003**, and the grayscale version is **65.8591, 69.2889, 75.4556**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **35.4453, 35.8090, 56.0826** is the 20% darker color. If you saturate the color by 10%, you get **56.2080, 55.6005, 99.0374**, and if you desaturate by 10%, it is **81.0510, 84.3069, 103.2689**.

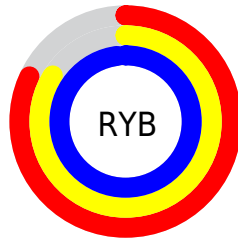
Distribution



Red (82%)

Green (84%)

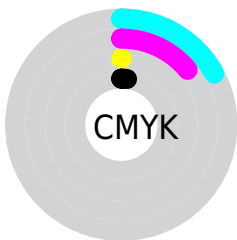
Blue (98%)



Red (82%)

Yellow (84%)

Blue (98%)

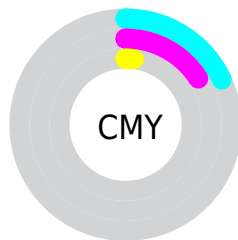


Cyan (17%)

Magenta (14%)

Yellow (0%)

Black (2%)



Cyan (18%)

Magenta (16%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 67.7254, 68.9758, 101.0109 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 67.7254, 68.9758, 101.0109 by changing the saturation by 10% instead.

■ 67.7254, 68.9758,
101.0109

■ 67.7254, 68.9758,
101.0109

441.9145,
456.9456, 584.7032

■ 49.9472, 50.6920,
76.5235

115.0033,
117.7470, 164.6097

■ 35.5891, 35.9635,
56.3526

145.2337,
149.0032, 204.5581

■ 24.2856, 24.4060,
40.0798

180.3456,
185.3523, 250.4973

■ 15.6715, 15.6351,
27.2865

220.7043,
227.1788, 302.8457

■ 9.3814, 9.2663,
17.5542

266.6752,
274.8669, 362.0220

■ 5.0499, 4.9153,
10.4643

318.6236,

■ 2.3116, 2.1976,

328.8012, 428.4447

5.5983

376.9149,
389.3660, 502.5322

■ 0.8006, 0.7187,
2.5376

■ 0.0000, 0.0000,
0.8600

■ 67.7254, 68.9758,
101.0109

■ 67.7254, 68.9758,
101.0109

■ 56.2080, 55.6005,
99.0374

■ 81.0510, 84.3069,
103.2689

■ 46.4141, 44.0935,
97.3325

■ 94.4128, 99.7451,
105.5445

■ 38.2616, 34.3732,
95.8860

■ 31.6590, 26.3487,
94.6851

■ 26.5059, 19.9209,
93.7160

■ 22.6896, 14.9798,
92.9634

■ 20.0800, 11.4012,
92.4102

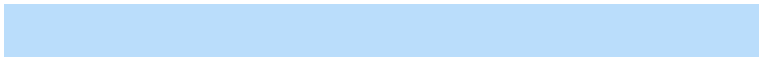
■ 18.5156, 9.0370,
92.0363

■ 18.2014, 8.5424,
91.9574

Harmonies

Analogous

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



63.3557, 68.9758, 100.9302



67.7254, 68.9758, 101.0109



71.6805, 68.9758, 93.6406

Triad

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



67.7254, 68.9758, 101.0109



71.7476, 68.9758, 59.3436



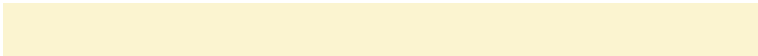
57.7465, 68.9758, 68.8987

Complementary

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



67.7254, 68.9758, 101.0109



83.5199, 89.7644, 72.6003

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.



59.7971, 68.9758, 59.1890



67.7254, 68.9758, 101.0109



67.8137, 68.9758, 54.1065

Square

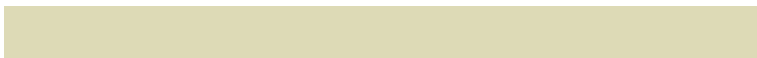
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



67.7254, 68.9758, 101.0109



74.0722, 68.9758, 69.1324



63.4401, 68.9758, 54.0533



57.7252, 68.9758, 81.4076

Rectangle

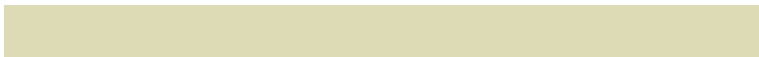
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



67.7254, 68.9758, 101.0109



73.4945, 68.9758, 85.9218



63.4401, 68.9758, 54.0533



58.2171, 68.9758, 65.2326

Sweetspot

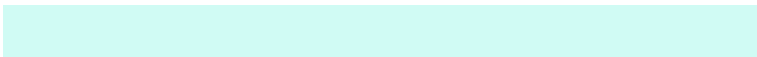
The Sweet Spot groups the original color and five complimentary colors.



67.7275, 68.9786, 101.0124



87.2028, 91.0395, 107.5840



76.8147, 88.9270, 98.5726



18.4374, 19.2258, 22.9891



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.



67.7275, 68.9786, 101.0124



65.3473, 65.8775, 103.8792



70.1962, 67.6606, 100.6279



16.5113, 17.0995, 21.8156



9.6357, 4.6270, 48.3588



0.9559, 0.5554, 4.5000

Inverse Universe

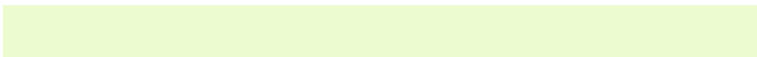
The Inverse Universe completely reimagines the original color for something new.



74.6069, 70.5289, 73.9744



73.8858, 67.9051, 70.2971



80.6974, 91.4968, 73.0835



17.3599, 17.2713, 18.4849



21.1557, 10.8780, 2.2624



1.9914, 1.0203, 0.3782

Previews

White Background



This preview shows how the XYZ color 67.7254, 68.9758, 101.0109 looks on a white background.

Color Contrast Check

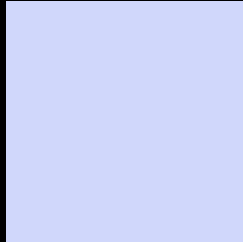
Large Text (above 18pt) WCAG AA × Fail

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 67.7254, 68.9758, 101.0109 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

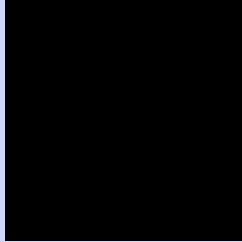
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 67.7254, 68.9758, 101.0109

Background



This preview shows how black text looks on a background with the XYZ color 67.7254, 68.9758, 101.0109.

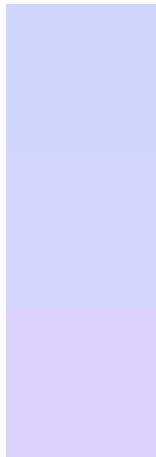


This preview shows how white text looks on a background with the XYZ color 67.7254, 68.9758,

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

67.7254, 68.9758, 101.0109

Protanopia

68.2914, 69.2676, 101.0374

Deuteranopia

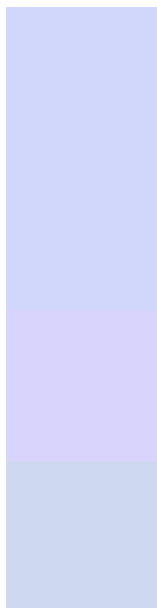
70.3802, 68.8325, 101.6720



Tritanopia

65.2436, 69.1201, 88.5001

Trichromacy



Original Color

67.7254, 68.9758, 101.0109

Protanomaly

68.0075, 69.1212, 101.0241

Deuteranomaly

69.4331, 68.7142, 101.6991

Tritanomaly

66.1436, 69.0984, 93.0703

Monochromacy



Original Color

67.7254, 68.9758, 101.0109

Achromatopsia

65.9525, 69.3872, 75.5626

Achromatomaly

66.4303, 69.0650, 83.9584

CSS Examples

Text

The CSS property to change the color of the text to XYZ 67.7254, 68.9758, 101.0109 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, 215, 251)` looks like.

```
.text, #text, p{  
    color:rgb(208, 215, 251)  
}
```

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, 215, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 215, 251) }
```

Border

The CSS property to change the border of an element to XYZ 67.7254, 68.9758, 101.0109 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, 215, 251) }
```


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

```
.border{ border-color:rgb(208, 215, 251) }
```

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

Here you see how a box with a 4 pixel rgb(208, 215, 251) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 215, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 215, 251);  
box-shadow:4px 4px 4px 4px rgb(208, 215,  
251) }
```

Background

The CSS property to change the background color of an element to XYZ 67.7254, 68.9758, 101.0109 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 215, 251) }
```

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

```
.background{ background-color: rgb(208,  
215, 251) }
```

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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