

Converting Colors

XYZ(66.7252, 68.0096,
104.2181)

Have a look what the booklet for
XYZ(66.7252, 68.0096, 104.2181)
contains.

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Color

**XYZ(66.7252, 68.0096,
104.2181)**

Conversions

Conversions Part 1

Format	Color
Hex	CBD6FF
RGB	203, 214, 255
RGB Percent	80%, 84%, 100%
CMY	0.2039, 0.1608, 0.0000
CMYK	0.20, 0.16, 0.00, 0.00
HSL	227°, 100%, 90%
HSV	227°, 20%, 100%
XYZ	66.7252, 68.0096, 104.2181
YIQ	215.3850, -19.7170, 10.4190

Conversions

Conversions Part 2

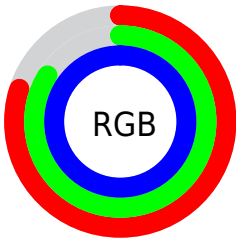
Format	Color
R _Y B	203, 212, 255
Decimal	13358847
CIE Lab	86.01, 4.68, -21.22
CIE LCh	86, 21.730, 282.426
Yxy	68.0096, 0.2792, 0.2846
Android (android.graphics.Color)	4291548927 (0xFFCBD6FF)
YUV	215.3850, 19.5302, -10.8616
Hunter-Lab	82.4679, 0.1063, -17.1996

Details

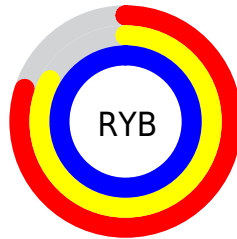
The XYZ color **66.7252, 68.0096, 104.2181** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **84.3701, 90.2725, 69.4794**, and the grayscale version is **64.7351, 68.1064, 74.1678**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.8039, 35.1694, 58.3801** is the 20% darker color. If you saturate the color by 10%, you get **55.5657, 55.1652, 102.3271**, and if you desaturate by 10%, it is **79.6586, 82.7042, 106.3728**.

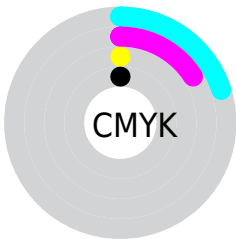
Distribution



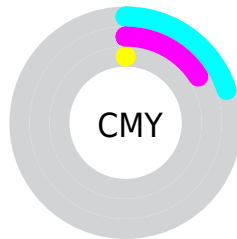
- Red (80%)
- Green (84%)
- Blue (100%)



- Red (80%)
- Yellow (83%)
- Blue (100%)



- Cyan (20%)
- Magenta (16%)
- Yellow (0%)
- Black (0%)



- Cyan (20%)
- Magenta (16%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.7252, 68.0096, 104.2181 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 66.7252, 68.0096, 104.2181 by changing the saturation by 10% instead.

■ 66.7252, 68.0096,
104.2181

■ 66.7252, 68.0096,
104.2181

438.4139,
453.5300, 594.9951

■ 49.1312, 49.9055,
79.1915

113.5785,
116.3659, 169.0441

■ 34.9385, 35.3384,
58.5310

143.5686,
147.3869, 209.6805

■ 23.7818, 23.9236,
41.8182

178.4214,
183.4823, 256.3573

■ 15.2957, 15.2770,
28.6344

218.5023,
225.0366, 309.4929

■ 9.1149, 9.0140,
18.5612

264.1766,
272.4341, 369.5060

■ 4.8739, 4.7503,
11.1801

315.8098,

■ 2.2075, 2.1015,

326.0593, 436.8150

6.0724

373.7670,
386.2965, 511.8385

■ 0.7467, 0.6655,
2.8197

■ 0.0000, 0.0000,
1.0033

■ 66.7252, 68.0096,
104.2181

■ 66.7252, 68.0096,
104.2181

■ 55.5657, 55.1652,
102.3271

■ 79.6586, 82.7042,
106.3728

■ 46.0959, 44.0886,
100.6882

■ 94.4339, 99.3109,
108.7995

■ 38.2331, 34.7030,
99.2910

■ 95.0500, 100.0000,
108.9000

■ 31.8850, 26.9226,
98.1238

■ 26.9500, 20.6540,
97.1739

■ 23.3129, 15.7930,
96.4274

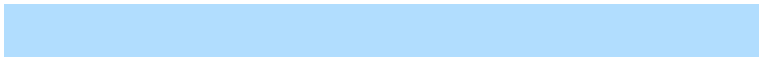
■ 20.8391, 12.2212,
95.8683

■ 19.3669, 9.8539,
95.4890

Harmonies

Analogous

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



61.7904, 68.0096, 103.4188



66.7252, 68.0096, 104.2181



71.3243, 68.0096, 96.2141

Triad

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



66.7252, 68.0096, 104.2181



71.9763, 68.0096, 57.0352



55.9286, 68.0096, 66.0691

Complementary

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



66.7252, 68.0096, 104.2181



84.3701, 90.2725, 69.4794

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.



58.3889, 68.0096, 55.5829



66.7252, 68.0096, 104.2181



67.5781, 68.0096, 50.8465

Square

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



66.7252, 68.0096, 104.2181



74.4589, 68.0096, 68.3008



62.6008, 68.0096, 50.3514



55.7266, 68.0096, 80.1150

Rectangle

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



66.7252, 68.0096, 104.2181



73.5135, 68.0096, 87.4961



62.6008, 68.0096, 50.3514



56.5129, 68.0096, 62.0589

Sweetspot

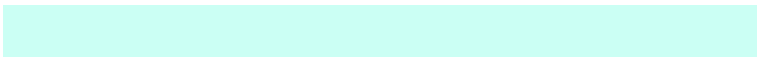
The Sweet Spot groups the original color and five complimentary colors.



66.7271, 68.0123, 104.2185



85.9152, 89.7564, 107.4042



76.6782, 90.7324, 98.8481



18.1853, 18.9820, 22.9554



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.



66.7271, 68.0123, 104.2185



62.4988, 63.1668, 103.5061



68.2411, 64.7980, 103.5183



17.3144, 18.0004, 22.8118



10.2060, 5.3217, 49.9238



1.0686, 0.6678, 4.8859

Inverse Universe

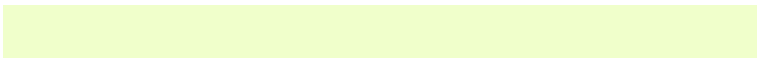
The Inverse Universe completely reimagines the original color for something new.



74.7348, 68.8286, 72.9675



71.7191, 64.2473, 67.4914



82.5659, 94.4041, 70.3719



18.1666, 18.0500, 19.4944



21.9397, 11.2652, 3.0672



2.1740, 1.1120, 0.4975

Previews

White Background



This preview shows how the XYZ color 66.7252, 68.0096, 104.2181 looks on a white background.

Color Contrast Check

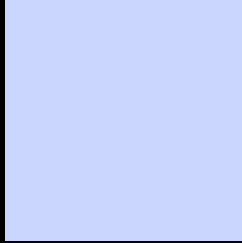
Large Text (above 18pt) WCAG AA × Fail

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 66.7252, 68.0096, 104.2181 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

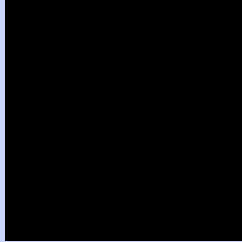
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 66.7252, 68.0096, 104.2181

Background



This preview shows how black text looks on a background with the XYZ color 66.7252, 68.0096, 104.2181.

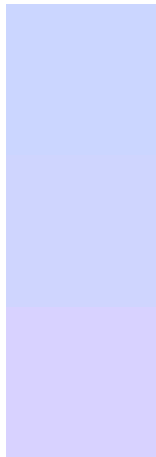


This preview shows how white text looks on a background with the XYZ color 66.7252, 68.0096,

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

66.7252, 68.0096, 104.2181

Protanopia

67.4158, 68.0097, 103.3399

Deuteranopia

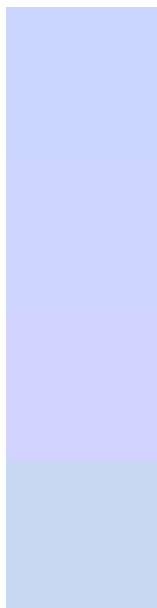
69.4155, 67.9121, 104.0575



Tritanopia

63.3614, 67.7660, 88.3379

Trichromacy



Original Color

66.7252, 68.0096, 104.2181

Protanomaly

67.1372, 67.8661, 103.3269

Deuteranomaly

68.2082, 67.6574, 104.0720

Tritanomaly

64.4023, 67.8019, 93.6971

Monochromacy



Original Color

66.7252, 68.0096, 104.2181

Achromatopsia

64.5905, 67.9542, 74.0022

Achromatomaly

65.4473, 68.1629, 84.5702

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.7252, 68.0096, 104.2181 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(203, 214, 255)` looks like.

```
.text, #text, p{  
    color:rgb(203, 214, 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(203, 214, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 214, 255) }
```

Border

The CSS property to change the border of an element to XYZ 66.7252, 68.0096, 104.2181 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(203, 214, 255) }
```


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

```
.border{ border-color:rgb(203, 214, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 214, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 214, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 214, 255);  
box-shadow:4px 4px 4px 4px rgb(203, 214,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 66.7252, 68.0096, 104.2181 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 214, 255) }
```

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

```
.background{ background-color: rgb(203,  
214, 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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