

Converting Colors

XYZ(67.0518, 67.5465,
100.3633)

Have a look what the booklet for
XYZ(67.0518, 67.5465, 100.3633)
contains.

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Color

**XYZ(66.9685, 67.4619,
100.7586)**

Conversions

Conversions Part 1

Format	Color
Hex	D0D4FB
RGB	208, 212, 251
RGB Percent	82%, 83%, 98%
CMY	0.1843, 0.1686, 0.0157
CMYK	0.17, 0.16, 0.00, 0.02
HSL	234°, 84%, 90%
HSV	234°, 17%, 98%
XYZ	66.9685, 67.4619, 100.7586
YIQ	215.2500, -14.9030, 11.2810

Conversions

Conversions Part 2

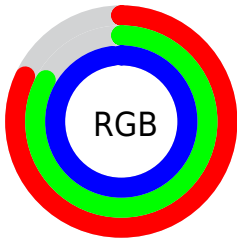
Format	Color
R _Y B	208, 212, 251
Decimal	13686011
CIE Lab	85.74, 6.40, -19.49
CIE LCh	86, 20.512, 288.177
Yxy	67.4619, 0.2847, 0.2868
Android (android.graphics.Color)	4291876091 (0xFFD0D4FB)
YUV	215.2500, 17.6247, -6.3582
Hunter-Lab	82.1352, 1.8025, -15.2388

Details

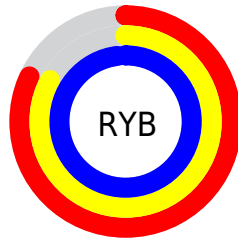
The XYZ color **66.9685, 67.4619, 100.7586** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **84.4301, 91.5847, 72.9038**, and the grayscale version is **64.6539, 68.0210, 74.0748**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.9314, 34.7813, 55.9113** is the 20% darker color. If you saturate the color by 10%, you get **55.1674, 53.5193, 98.6905**, and if you desaturate by 10%, it is **80.6927, 83.5903, 103.1494**.

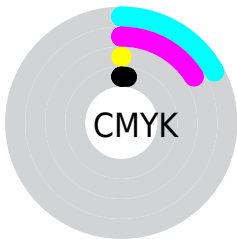
Distribution



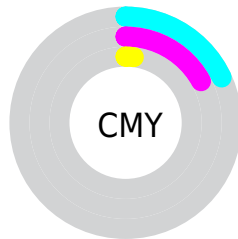
- Red (82%)
- Green (83%)
- Blue (98%)



- Red (82%)
- Yellow (83%)
- Blue (98%)



- Cyan (17%)
- Magenta (16%)
- Yellow (0%)
- Black (2%)



- Cyan (18%)
- Magenta (17%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 66.9685, 67.4619, 100.7586 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 66.9685, 67.4619, 100.7586 by changing the saturation by 10% instead.

■ 66.9685, 67.4619,
100.7586

■ 66.9685, 67.4619,
100.7586

439.2669,
451.5871, 583.8895

■ 49.3296, 49.4601,
76.3138

113.9253,
115.5820, 164.2602

■ 35.0966, 34.9846,
56.1817

143.9740,
146.4691, 204.1542

■ 23.9042, 23.6510,
39.9436

178.8900,
182.4201, 250.0349

■ 15.3869, 15.0749,
27.1811

219.0386,
223.8194, 302.3210

■ 9.1795, 8.8720,
17.4757

264.7852,
271.0513, 361.4310

■ 4.9165, 4.6578,
10.4087

316.4953,

■ 2.2326, 2.0479,

324.5003, 427.7833

5.5616

374.5340,
384.5508, 501.7967

■ 0.7598, 0.6351,
2.5160

■ 0.0000, 0.0000,
0.8486

■ 66.9685, 67.4619,
100.7586

■ 66.9685, 67.4619,
100.7586

■ 55.1674, 53.5193,
98.6905

■ 80.6927, 83.5903,
103.1494

■ 45.1975, 41.6603,
96.9269

■ 94.4128, 99.7451,
105.5445

■ 36.9685, 31.7871,
95.4549

■ 30.3800, 23.7907,
94.2587

■ 25.3213, 17.5516,
93.3211

■ 21.6679, 12.9363,
92.6228

■ 19.2754, 9.7921,
92.1420

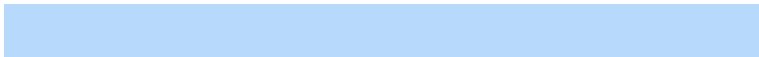
■ 17.9645, 7.9347,
91.8526

■ 17.7264, 7.5924,
91.7990

Harmonies

Analogous

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



62.2945, 67.4619, 101.6739



66.9685, 67.4619, 100.7586



71.0621, 67.4619, 92.0131

Triad

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



66.9685, 67.4619, 100.7586



70.3097, 67.4619, 55.8762



55.7107, 67.4619, 68.3001

Complementary

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



66.9685, 67.4619, 100.7586



84.4301, 91.5847, 72.9038

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.



57.6463, 67.4619, 57.5759



66.9685, 67.4619, 100.7586



65.9819, 67.4619, 51.0090

Square

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



66.9685, 67.4619, 100.7586



73.0549, 67.4619, 65.7057



61.3544, 67.4619, 51.5908



55.9460, 67.4619, 81.7899

Rectangle

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



66.9685, 67.4619, 100.7586



72.8414, 67.4619, 83.4566



61.3544, 67.4619, 51.5908



56.1250, 67.4619, 64.2854

Sweetspot

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



66.9706, 67.4647, 100.7601



86.9353, 90.5044, 107.4949



77.2532, 89.1024, 100.8811



18.3726, 19.0963, 22.9676



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.



66.9706, 67.4647, 100.7601



64.4345, 64.0519, 103.5749



71.0837, 68.1182, 100.6695



16.4129, 16.9027, 21.7828



9.3621, 4.0797, 48.2676



0.9095, 0.4627, 4.4846

Inverse Universe

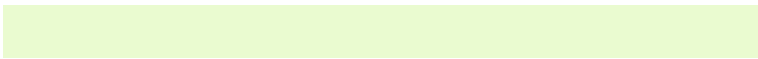
The Inverse Universe completely reimagines the original color for something new.



74.2249, 70.3762, 71.9623



73.4251, 67.7208, 67.8709



79.7497, 91.0083, 73.0392



17.3102, 17.2514, 18.2233



21.0176, 10.8227, 1.5350



1.9680, 1.0109, 0.2550

Previews

White Background



This preview shows how the XYZ color 66.9685, 67.4619, 100.7586 looks on a white background.

Color Contrast Check

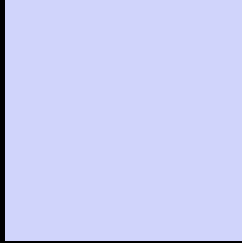
Large Text (above 18pt) WCAG AA × Fail

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 66.9685, 67.4619, 100.7586 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

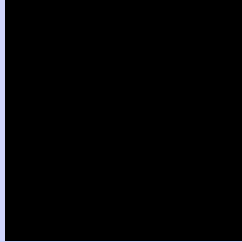
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 66.9685, 67.4619, 100.7586

Background



This preview shows how black text looks on a background with the XYZ color 66.9685, 67.4619, 100.7586.

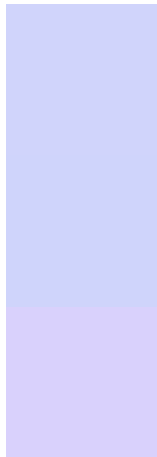


This preview shows how white text looks on a background with the XYZ color 66.9685, 67.4619,

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

66.9685, 67.4619, 100.7586

Protanopia

66.6882, 67.3174, 100.7455

Deuteranopia

68.9864, 67.3809, 101.4653



Tritanopia

64.0428, 67.4062, 85.9792

Trichromacy



Original Color

66.9685, 67.4619, 100.7586

Protanomaly

66.6882, 67.3174, 100.7455

Deuteranomaly

68.3488, 67.4176, 101.5060

Tritanomaly

65.0802, 67.4469, 91.2498

Monochromacy



Original Color

66.9685, 67.4619, 100.7586

Achromatopsia

64.5905, 67.9542, 74.0022

Achromatomaly

65.2015, 67.6916, 83.0281

CSS Examples

Text

The CSS property to change the color of the text to XYZ 66.9685, 67.4619, 100.7586 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, 212, 251)` looks like.

```
.text, #text, p{  
    color:rgb(208, 212, 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, 212, 251) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 212, 251) }
```

Border

The CSS property to change the border of an element to XYZ 66.9685, 67.4619, 100.7586 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, 212, 251) }
```


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

```
.border{ border-color:rgb(208, 212, 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, 212, 251) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 212, 251); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 212, 251);  
box-shadow:4px 4px 4px 4px rgb(208, 212,  
251) }
```

Background

The CSS property to change the background color of an element to XYZ 66.9685, 67.4619, 100.7586 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 212, 251) }
```

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

```
.background{ background-color: rgb(208,  
212, 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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