

Converting Colors

XYZ(68.4484, 69.5914, 97.0714)

Have a look what the booklet for
XYZ(68.4484, 69.5914, 97.0714)
contains.

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Color

**XYZ(68.3756, 69.4008,
96.9807)**

Conversions

Conversions Part 1

Format	Color
Hex	D5D7F6
RGB	213, 215, 246
RGB Percent	84%, 84%, 96%
CMY	0.1647, 0.1568, 0.0353
CMYK	0.13, 0.13, 0.00, 0.04
HSL	236°, 65%, 90%
HSV	236°, 13%, 96%
XYZ	68.3756, 69.4008, 96.9807
YIQ	217.9360, -11.1430, 9.2170

Conversions

Conversions Part 2

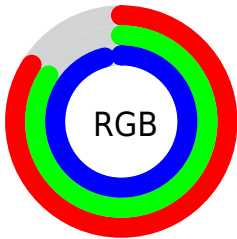
Format	Color
R _{YB}	213, 215, 246
Decimal	14014454
CIE Lab	86.70, 5.33, -15.36
CIE LCh	87, 16.256, 289.146
Yxy	69.4008, 0.2913, 0.2956
Android (android.graphics.Color)	4292204534 (0xFFD5D7F6)
YUV	217.9360, 13.8356, -4.3289
Hunter-Lab	83.3071, 0.7191, -10.7065

Details

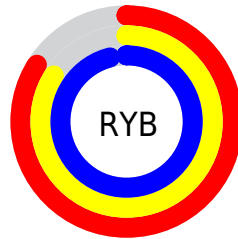
The XYZ color **68.3756, 69.4008, 96.9807** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **82.3675, 89.0982, 75.8089**, and the grayscale version is **66.5114, 69.9751, 76.2029**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **35.9656, 36.1284, 53.7931** is the 20% darker color. If you saturate the color by 10%, you get **56.3001, 55.0506, 94.8484**, and if you desaturate by 10%, it is **82.3686, 85.9768, 99.4438**.

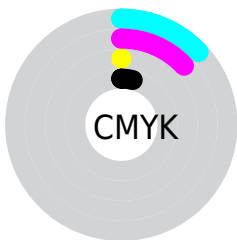
Distribution



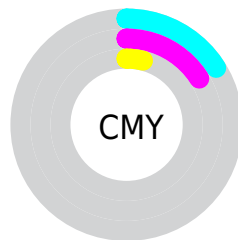
- Red (84%)
- Green (84%)
- Blue (96%)



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



- Cyan (13%)
- Magenta (13%)
- Yellow (0%)
- Black (4%)



- Cyan (16%)
- Magenta (16%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 68.3756, 69.4008, 96.9807 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 68.3756, 69.4008, 96.9807 by changing the saturation by 10% instead.

■ 68.3756, 69.4008,
96.9807

■ 68.3756, 69.4008,
96.9807

444.1815,
458.4433, 571.6322

■ 50.4782, 51.0382,
73.1786

115.9283,
118.3539, 159.0172

■ 36.0128, 36.2390,
53.6293

146.3142,
149.7131, 198.0888

■ 24.6143, 24.6188,
37.9142

181.5937,
186.1733, 243.0873

■ 15.9171, 15.7933,
25.6148

222.1320,
228.1190, 294.4312

■ 9.5560, 9.3780,
16.3125

268.2946,
275.9344, 352.5391

■ 5.1656, 4.9886,
9.5888

320.4469,

■ 2.3805, 2.2405,

330.0040, 417.8296

5.0252

378.9540,
390.7121, 490.7211

■ 0.8354, 0.7420,
2.2030

■ 0.0000, 0.0000,
0.6761

■ 68.3756, 69.4008,
96.9807

■ 68.3756, 69.4008,
96.9807

■ 56.3001, 55.0506,
94.8484

■ 82.3686, 85.9768,
99.4438

■ 46.0527, 42.8231,
93.0283

■ 93.6348, 99.4339,
101.4475

■ 37.5460, 32.6202,
91.5073

■ 30.6831, 24.3324,
90.2693

■ 25.3576, 17.8401,
89.2969

■ 21.4507, 13.0101,
88.5705

■ 18.8259, 9.6905,
88.0681

■ 17.3198, 7.7017,
87.7636

■ 16.8045, 6.9935,
87.6541

Harmonies

Analogous

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



64.6044, 69.4008, 97.9035



68.3756, 69.4008, 96.9807



71.6140, 69.4008, 90.0132

Triad

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



68.3756, 69.4008, 96.9807



70.8320, 69.4008, 60.8918



59.0808, 69.4008, 71.7141

Complementary

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



68.3756, 69.4008, 96.9807



82.3675, 89.0982, 75.8089

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.



60.6181, 69.4008, 62.7532



68.3756, 69.4008, 96.9807



67.3412, 69.4008, 56.9136

Square

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



68.3756, 69.4008, 96.9807



73.0692, 69.4008, 68.9433



63.6086, 69.4008, 57.5608



59.3338, 69.4008, 82.5991

Rectangle

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



68.3756, 69.4008, 96.9807



72.9899, 69.4008, 83.2191



63.6086, 69.4008, 57.5608



59.4029, 69.4008, 68.3965

Sweetspot

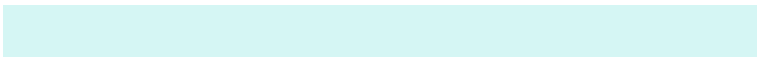
The Sweet Spot groups the original color and five complimentary colors.



68.3777, 69.4037, 96.9822



88.4157, 92.1551, 107.7354



76.6965, 86.5785, 98.0990



18.6659, 19.4188, 23.0144



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.



68.3777, 69.4037, 96.9822



70.5693, 71.0049, 104.5937



72.2035, 70.6237, 97.0161



15.6619, 16.0880, 20.8224



9.0020, 3.7977, 46.7966



0.8190, 0.3894, 4.1222

Inverse Universe

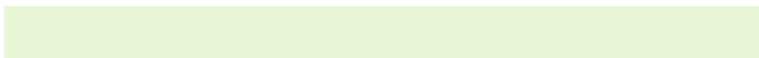
The Inverse Universe completely reimagines the original color for something new.



74.0677, 72.0894, 74.3040



77.8194, 74.4473, 75.6928



78.1487, 87.8225, 75.7850



16.5399, 16.4988, 17.3237



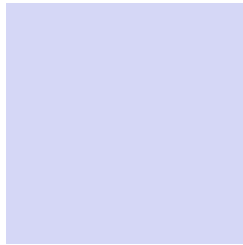
20.3483, 10.4828, 1.2765



1.8025, 0.9269, 0.1861

Previews

White Background



This preview shows how the XYZ color 68.3756, 69.4008, 96.9807 looks on a white background.

Color Contrast Check

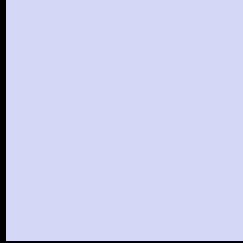
Large Text (above 18pt) WCAG AA × Fail

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 68.3756, 69.4008, 96.9807 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

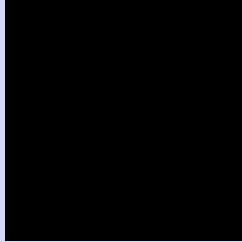
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 68.3756, 69.4008, 96.9807

Background



This preview shows how black text looks on a background with the XYZ color 68.3756, 69.4008, 96.9807.

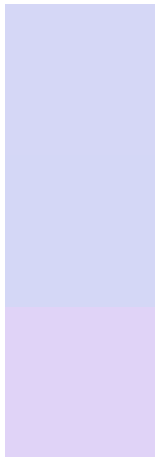


This preview shows how white text looks on a background with the XYZ color 68.3756, 69.4008,

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

68.3756, 69.4008, 96.9807

Protanopia

68.0864, 69.2517, 96.9672

Deuteranopia

70.8232, 69.1512, 97.6104



Tritanopia

66.5281, 69.4151, 87.7340

Trichromacy



Original Color

68.3756, 69.4008, 96.9807

Protanomaly

68.0864, 69.2517, 96.9672

Deuteranomaly

69.8472, 69.0180, 97.6362

Tritanomaly

67.1399, 69.2818, 90.7230

Monochromacy



Original Color

68.3756, 69.4008, 96.9807

Achromatopsia

66.6397, 70.1102, 76.3500

Achromatomaly

67.1353, 69.8261, 83.3382

CSS Examples

Text

The CSS property to change the color of the text to XYZ 68.3756, 69.4008, 96.9807 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(213, 215, 246)` looks like.

```
.text, #text, p{  
    color:rgb(213, 215, 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(213, 215, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 215, 246) }
```

Border

The CSS property to change the border of an element to XYZ 68.3756, 69.4008, 96.9807 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(213, 215, 246) }
```


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

```
.border{ border-color:rgb(213, 215, 246) }
```

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

Here you see how a box with a 4 pixel rgb(213, 215, 246) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 215, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 215, 246);  
box-shadow:4px 4px 4px 4px rgb(213, 215,  
246) }
```

Background

The CSS property to change the background color of an element to XYZ 68.3756, 69.4008, 96.9807 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 215, 246) }
```

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

```
.background{ background-color: rgb(213,  
215, 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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