

Converting Colors

XYZ(68.3136, 69.5645, 98.2939)

Have a look what the booklet for
XYZ(68.3136, 69.5645, 98.2939)
contains.

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Color

**XYZ(68.3631, 69.7379,
98.6646)**

Conversions

Conversions Part 1	
Format	Color
Hex	D3D8F8
RGB	211, 216, 248
RGB Percent	83%, 85%, 97%
CMY	0.1725, 0.1529, 0.0274
CMYK	0.15, 0.13, 0.00, 0.03
HSL	232°, 73%, 90%
HSV	232°, 15%, 97%
XYZ	68.3631, 69.7379, 98.6646
YIQ	218.1530, -13.2520, 8.8920

Conversions

Conversions Part 2

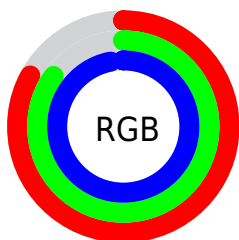
Format	Color
RYB	211, 215, 248
Decimal	13883640
CIELab	86.87, 4.59, -16.18
CIELCh	87, 16.816, 285.836
Yxy	69.7379, 0.2887, 0.2945
Android (android.graphics.Color)	4292073720 (0xFFD3D8F8)
YUV	218.1530, 14.7146, -6.2732
Hunter-Lab	83.5092, -0.0158, -11.5936

Details

The XYZ color **68.3631, 69.7379, 98.6646** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **82.5204, 88.7606, 74.4128**, and the grayscale version is **66.6560, 70.1273, 76.3687**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **35.9696, 36.3634, 54.9922** is the 20% darker color. If you saturate the color by 10%, you get **56.6585, 56.0741, 96.6452**, and if you desaturate by 10%, it is **81.8852, 85.4068, 100.9774**.

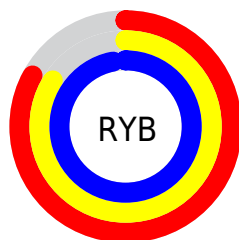
Distribution



Red (83%)

Green (85%)

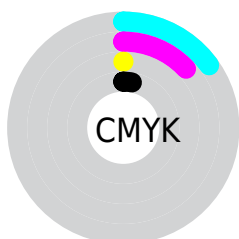
Blue (97%)



Red (83%)

Yellow (84%)

Blue (97%)

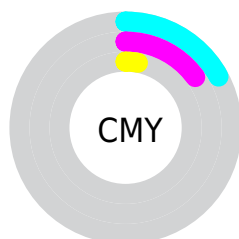


Cyan (15%)

Magenta (13%)

Yellow (0%)

Black (3%)



Cyan (17%)


Magenta (15%)


Yellow (3%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 68.3631, 69.7379, 98.6646 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 68.3631, 69.7379, 98.6646 by changing the saturation by 10% instead.

 68.3631, 69.7379,
98.6646

 68.3631, 69.7379,
98.6646

444.1380,
459.6292, 577.1128

 50.4679, 51.3129,
74.5751


115.9105,
118.8349, 161.3567

 36.0047, 36.4577,
54.7652


146.2934,
150.2757, 200.7963

 24.6079, 24.7879,
38.8165


181.5697,
186.8239, 246.1897

 15.9124, 15.9191,
26.3102

222.1046,
228.8638, 297.9555

 9.5526, 9.4669,
16.8280

268.2635,
276.7799, 356.5122

 5.1633, 5.0470,
9.9513


320.4118,


 2.3791, 2.2748,


330.9566, 422.2782


5.2615


378.9149,
391.7782, 495.6723


 0.8347, 0.7603,
2.3401

 0.0000, 0.0000,
0.7535

 68.3631, 69.7379,
98.6646

 68.3631, 69.7379,
98.6646


 56.6585, 56.0741,
96.6452

 81.8852, 85.4068,
100.9774

 46.6874, 44.3259,
94.9031

 93.9435, 99.5574,
103.0732

 38.3686, 34.4096,
93.4275

 31.6118, 26.2321,
92.2052

■ 26.3182, 19.6918,
91.2219

■ 22.3771, 14.6767,
90.4616

■ 19.6619, 11.0600,
89.9066

■ 18.0204, 8.6934,
89.5363

■ 17.5022, 7.8948,
89.4095

Harmonies

Analogous

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



64.4554, 69.7379, 98.8589



68.3631, 69.7379, 98.6646



71.8422, 69.7379, 91.9968

Triad

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



68.3631, 69.7379, 98.6646



71.6782, 69.7379, 61.4690



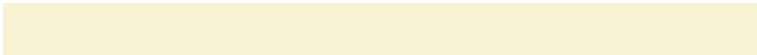
59.2371, 69.7379, 70.7691

Complementary

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



68.3631, 69.7379, 98.6646



82.5204, 88.7606, 74.4128

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.



61.0197, 69.7379, 61.8568



68.3631, 69.7379, 98.6646



68.1464, 69.7379, 56.8570

Square

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



68.3631, 69.7379, 98.6646



73.8071, 69.7379, 70.1901



64.2471, 69.7379, 56.9916



59.2899, 69.7379, 81.9803

Rectangle

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



68.3631, 69.7379, 98.6646



73.4054, 69.7379, 85.1218



64.2471, 69.7379, 56.9916



59.6384, 69.7379, 67.4300

Sweetspot

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



68.3652, 69.7408, 98.6662



88.6467, 92.6171, 107.8124



76.5274, 87.4229, 97.2013



18.7241, 19.5352, 23.0338



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.



68.3652, 69.7408, 98.6662



68.7512, 69.5467, 104.4080



70.9639, 69.2067, 98.4261



16.4722, 17.0213, 21.8025



9.5115, 4.3785, 48.3174



0.9375, 0.5187, 4.4939

Inverse Universe

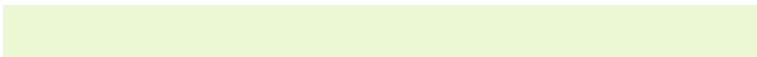
The Inverse Universe completely reimagines the original color for something new.



74.4020, 71.5045, 74.8493



76.3701, 71.8321, 74.3360



79.6040, 89.5099, 74.7111



17.3401, 17.2634, 18.3810



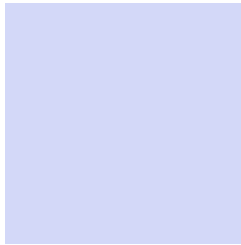
21.0930, 10.8529, 1.9321



1.9821, 1.0166, 0.3294

Previews

White Background



This preview shows how the XYZ color 68.3631, 69.7379, 98.6646 looks on a white background.

Color Contrast Check

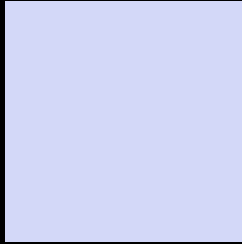
Large Text (above 18pt) WCAG AA × Fail

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 68.3631, 69.7379, 98.6646 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 68.3631, 69.7379, 98.6646

Background



This preview shows how black text looks on a background with the XYZ color 68.3631, 69.7379, 98.6646.

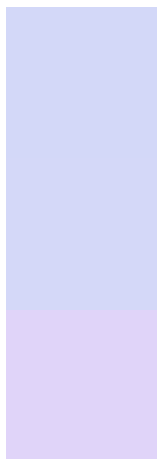


This preview shows how white text looks on a background with the XYZ color 68.3631, 69.7379,

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

68.3631, 69.7379, 98.6646

Protanopia

68.6505, 69.8861, 98.6780

Deuteranopia

71.3828, 69.7738, 99.3279



Tritanopia

66.3613, 69.6963, 88.5524

Trichromacy



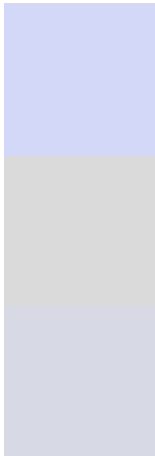
Original Color
68.3631, 69.7379, 98.6646

Protanomaly
68.6505, 69.8861, 98.6780

Deuteranomaly
70.1065, 69.4881, 99.3401

Tritanomaly
67.1194, 69.6186, 92.3382

Monochromacy



Original Color
68.3631, 69.7379, 98.6646

Achromatopsia
66.6397, 70.1102, 76.3500

Achromatomaly
66.9800, 69.7299, 84.0577

CSS Examples

Text

The CSS property to change the color of the text to XYZ 68.3631, 69.7379, 98.6646 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(211, 216, 248) looks like.

```
.text, #text, p{  
    color:rgb(211, 216, 248)  
}
```

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(211, 216, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 216, 248) }
```

Border

The CSS property to change the border of an element to XYZ 68.3631, 69.7379, 98.6646 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(211, 216, 248) }
```


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

```
.border{ border-color:rgb(211, 216, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 216, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 216, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 216, 248);  
box-shadow:4px 4px 4px 4px rgb(211, 216,  
248) }
```

Background

The CSS property to change the background color of an element to XYZ 68.3631, 69.7379, 98.6646 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 216, 248) }
```

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

```
.background{ background-color: rgb(211,  
216, 248) }
```

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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