

Converting Colors

XYZ(65.0772, 67.2880, 98.3649)

Have a look what the booklet for
XYZ(65.0772, 67.2880, 98.3649)
contains.

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Color

**XYZ(65.0772, 67.2880,
98.3649)**

Conversions

Conversions Part 1

Format	Color
Hex	C9D6F8
RGB	201, 214, 248
RGB Percent	79%, 84%, 97%
CMY	0.2118, 0.1608, 0.0274
CMYK	0.19, 0.14, 0.00, 0.03
HSL	223°, 77%, 88%
HSV	223°, 19%, 97%
XYZ	65.0772, 67.2880, 98.3649
YIQ	213.9890, -18.6620, 7.8180

Conversions

Conversions Part 2

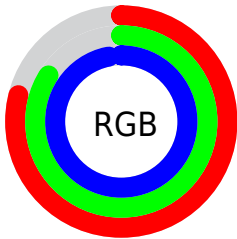
Format	Color
R _Y B	201, 211, 248
Decimal	13227768
CIE Lab	85.65, 2.55, -18.08
CIE LCh	86, 18.262, 278.018
Yxy	67.2880, 0.2820, 0.2916
Android (android.graphics.Color)	4291417848 (0xFFC9D6F8)
YUV	213.9890, 16.7674, -11.3914
Hunter-Lab	82.0293, -1.9398, -13.6768

Details

The XYZ color **65.0772, 67.2880, 98.3649** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **78.9628, 83.5899, 67.2324**, and the grayscale version is **63.8106, 67.1337, 73.1086**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **33.7666, 34.7130, 54.7898** is the 20% darker color. If you saturate the color by 10%, you get **54.6485, 55.5406, 96.6482**, and if you desaturate by 10%, it is **77.0864, 80.5958, 100.3017**.

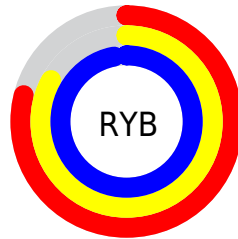
Distribution



Red (79%)

Green (84%)

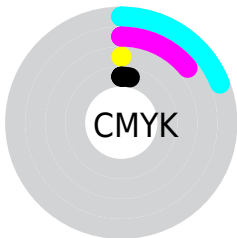
Blue (97%)



Red (79%)

Yellow (83%)

Blue (97%)

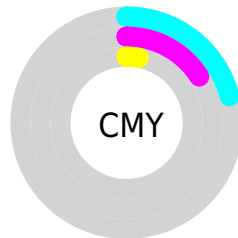


Cyan (19%)

Magenta (14%)

Yellow (0%)

Black (3%)



Cyan (21%)

Magenta (16%)

Yellow (3%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.0772, 67.2880, 98.3649 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 65.0772, 67.2880, 98.3649 by changing the saturation by 10% instead.

■ 65.0772, 67.2880,
98.3649

■ 65.0772, 67.2880,
98.3649

432.6102,
450.9692, 576.1394

■ 47.7886, 49.3187,
74.3264

111.2259,
115.3330, 160.9406

■ 33.8701, 34.8724,
54.5629

140.8168,
146.1775, 200.3149

■ 22.9562, 23.5646,
38.6556

175.2391,
182.0825, 245.6383

■ 14.6817, 15.0109,
26.1861

214.8583,
223.4324, 297.3292

■ 8.6812, 8.8271,
16.7359

260.0396,
270.6117, 355.8062

■ 4.5892, 4.6286,
9.8864

311.1484,

■ 2.0406, 2.0310,

324.0046, 421.4879

5.2191

368.5502,
383.9957, 494.7928

■ 0.6566, 0.6254,
2.3154

■ 0.0000, 0.0000,
0.7398

■ 65.0772, 67.2880,
98.3649

■ 65.0772, 67.2880,
98.3649

■ 54.6485, 55.5406,
96.6482

■ 77.0864, 80.5958,
100.3017

■ 45.7263, 45.2864,
95.1392

■ 90.7333, 95.5114,
102.4614

■ 38.2400, 36.4656,
93.8311

■ 93.9435, 99.5574,
103.0732

■ 32.1105, 29.0106,
92.7152

■ 27.2507, 22.8482,
91.7819

■ 23.5623, 17.8974,
91.0207

■ 20.9314, 14.0664,
90.4199

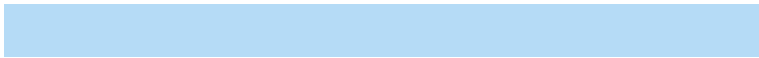
■ 19.1971, 11.2363,
89.9651

■ 19.0477, 10.9859,
89.9246

Harmonies

Analogous

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



61.0083, 67.2880, 96.6215



65.0772, 67.2880, 98.3649



69.0082, 67.2880, 92.8303

Triad

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



65.0772, 67.2880, 98.3649



70.4646, 67.2880, 60.0449



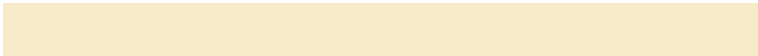
56.8224, 67.2880, 65.0223

Complementary

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



65.0772, 67.2880, 98.3649



78.9628, 83.5899, 67.2324

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.



59.1551, 67.2880, 56.6625



65.0772, 67.2880, 98.3649



66.9956, 67.2880, 54.0132

Square

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



65.0772, 67.2880, 98.3649



72.2055, 67.2880, 70.1168



62.8462, 67.2880, 52.8457



56.3587, 67.2880, 76.5065

Rectangle

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



65.0772, 67.2880, 98.3649



70.9811, 67.2880, 86.0776



62.8462, 67.2880, 52.8457



57.4090, 67.2880, 61.7917

Sweetspot

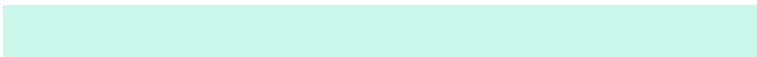
The Sweet Spot groups the original color and five complimentary colors.



65.0793, 67.2908, 98.3664



86.2139, 90.3537, 107.5038



72.6057, 85.5334, 91.0417



18.2557, 19.1228, 22.9788



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.



65.0793, 67.2908, 98.3664



64.5938, 66.3781, 104.0155



64.7478, 62.4280, 97.4453



16.6738, 17.4245, 21.8698



10.3899, 6.1354, 48.6102



1.0471, 0.7378, 4.5304

Inverse Universe

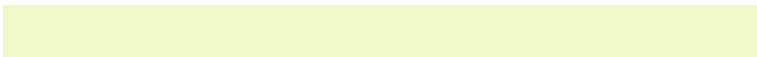
The Inverse Universe completely reimagines the original color for something new.



71.7373, 66.5863, 72.6930



73.0154, 65.6805, 71.4981



79.3096, 89.4985, 68.3546



17.4419, 17.3041, 18.9168



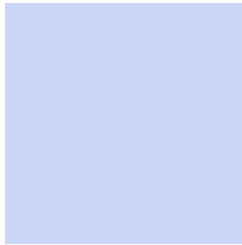
21.5364, 11.0303, 4.2670



2.0374, 1.0387, 0.6206

Previews

White Background



This preview shows how the XYZ color 65.0772, 67.2880, 98.3649 looks on a white background.

Color Contrast Check

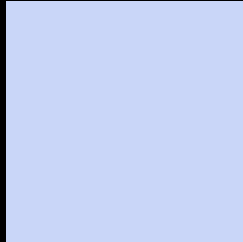
Large Text (above 18pt) WCAG AA × Fail

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 65.0772, 67.2880, 98.3649 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

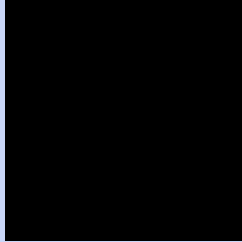
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 65.0772, 67.2880, 98.3649

Background



This preview shows how black text looks on a background with the XYZ color 65.0772, 67.2880, 98.3649.



This preview shows how white text looks on a background with the XYZ color 65.0772, 67.2880,

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

65.0772, 67.2880, 98.3649

Protanopia

66.3444, 67.2123, 97.4722

Deuteranopia

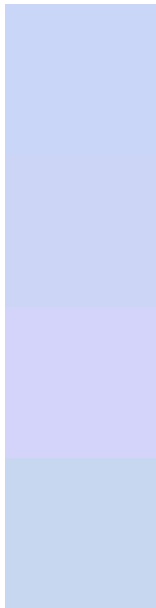
68.8128, 67.3459, 98.9948



Tritanopia

62.6959, 67.0580, 87.4810

Trichromacy



Original Color

65.0772, 67.2880, 98.3649

Protanomaly

65.7596, 67.2830, 97.5167

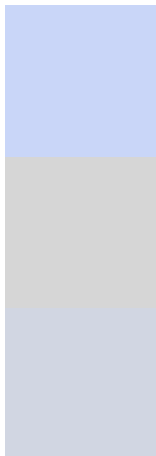
Deuteranomaly

67.5445, 67.4251, 99.0769

Tritanomaly

63.4336, 66.9750, 91.2455

Monochromacy



Original Color

65.0772, 67.2880, 98.3649

Achromatopsia

63.9157, 67.2443, 73.2291

Achromatomaly

64.0685, 67.1394, 81.5339

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.0772, 67.2880, 98.3649 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(201, 214, 248)` looks like.

```
.text, #text, p{  
    color:rgb(201, 214, 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(201, 214, 248) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 214, 248) }
```

Border

The CSS property to change the border of an element to XYZ 65.0772, 67.2880, 98.3649 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(201, 214, 248) }
```


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

```
.border{ border-color:rgb(201, 214, 248) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 214, 248)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 214, 248); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 214, 248);  
box-shadow:4px 4px 4px 4px rgb(201, 214,  
248) }
```

Background

The CSS property to change the background color of an element to XYZ 65.0772, 67.2880, 98.3649 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 214, 248) }
```

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

```
.background{ background-color: rgb(201,  
214, 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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