

Converting Colors

XYZ(65.3188, 67.6985,
102.5530)

Have a look what the booklet for
XYZ(65.3188, 67.6985, 102.5530)
contains.

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Color

**XYZ(65.3188, 67.6985,
102.5530)**

Conversions

Conversions Part 1

Format	Color
Hex	C6D7FD
RGB	198, 215, 253
RGB Percent	78%, 84%, 99%
CMY	0.2235, 0.1568, 0.0078
CMYK	0.22, 0.15, 0.00, 0.01
HSL	221°, 93%, 88%
HSV	221°, 22%, 99%
XYZ	65.3188, 67.6985, 102.5530
YIQ	214.2490, -22.3300, 8.2140

Conversions

Conversions Part 2

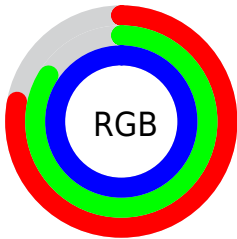
Format	Color
RYB	198, 211, 253
Decimal	13031421
CIELab	85.86, 2.20, -20.43
CIELCh	86, 20.552, 276.153
Yxy	67.6985, 0.2773, 0.2874
Android (android.graphics.Color)	4291221501 (0xFFC6D7FD)
YUV	214.2490, 19.1042, -14.2504
Hunter-Lab	82.2791, -2.2829, -16.3039

Details

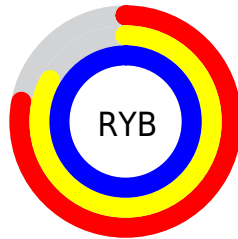
The XYZ color **65.3188, 67.6985, 102.5530** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **80.6973, 84.9511, 65.5719**, and the grayscale version is **63.9720, 67.3035, 73.2936**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **33.8623, 34.9668, 57.1891** is the 20% darker color. If you saturate the color by 10%, you get **54.9835, 56.1138, 100.8628**, and if you desaturate by 10%, it is **77.2477, 80.8140, 104.4569**.

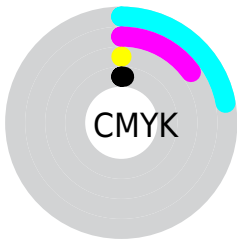
Distribution



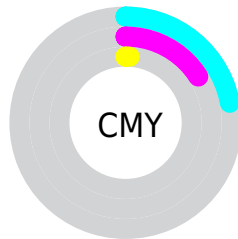
- Red (78%)
- Green (84%)
- Blue (99%)



- Red (78%)
- Yellow (83%)
- Blue (99%)



- Cyan (22%)
- Magenta (15%)
- Yellow (0%)
- Black (1%)



- Cyan (22%)
- Magenta (16%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.3188, 67.6985, 102.5530 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 65.3188, 67.6985, 102.5530 by changing the saturation by 10% instead.

■ 65.3188, 67.6985,
102.5530

■ 65.3188, 67.6985,
102.5530

433.4638,
452.4270, 589.6636

■ 47.9853, 49.6525,
77.8056

111.5712,
115.9207, 166.7436

■ 34.0264, 35.1374,
57.3988

141.2209,
146.8657, 207.0239

■ 23.0769, 23.7687,
40.9140

175.7066,
182.8792, 253.3189

■ 14.7713, 15.1621,
27.9327

215.3937,
224.3455, 306.0471

■ 8.7443, 8.9333,
18.0364

260.6477,
271.6490, 365.6272

■ 4.6306, 4.6977,
10.8064

311.8338,

■ 2.0647, 2.0710,

325.1742, 432.4776

5.8243

369.3174,
385.3054, 507.0169

■ 0.6699, 0.6482,
2.6715

■ 0.0000, 0.0000,
0.9290

■ 65.3188, 67.6985,
102.5530

■ 65.3188, 67.6985,
102.5530

■ 54.9835, 56.1138,
100.8628

■ 77.2477, 80.8140,
104.4569

■ 46.1654, 45.9934,
99.3741

■ 90.8295, 95.5070,
106.5771

■ 38.7908, 37.2778,
98.0805

■ 94.7298, 99.8719,
107.2141

■ 32.7774, 29.9001,
96.9734

■ 28.0336, 23.7870,
96.0435

■ 24.4556, 18.8573,
95.2805

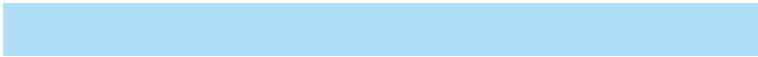
■ 21.9207, 15.0177,
94.6730

■ 20.4691, 12.5705,
94.2772

Harmonies

Analogous

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



60.7607, 67.6985, 100.0066



65.3188, 67.6985, 102.5530



69.8250, 67.6985, 96.6456

Triad

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



65.3188, 67.6985, 102.5530



71.9211, 67.6985, 59.4744



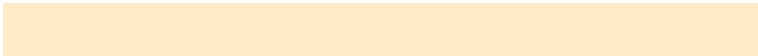
56.4292, 67.6985, 63.7362

Complementary

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



65.3188, 67.6985, 102.5530



80.6973, 84.9511, 65.5719

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.



59.1603, 67.6985, 54.7280



65.3188, 67.6985, 102.5530



68.0684, 67.6985, 52.4850

Square

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



65.3188, 67.6985, 102.5530



73.7545, 67.6985, 70.9730



63.3817, 67.6985, 50.8592



55.7726, 67.6985, 76.5209

Rectangle

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



65.3188, 67.6985, 102.5530



72.1460, 67.6985, 89.0867



63.3817, 67.6985, 50.8592



57.1284, 67.6985, 60.2168

Sweetspot

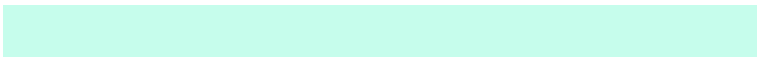
The Sweet Spot groups the original color and five complimentary colors.



65.3209, 67.7012, 102.5545



84.9765, 89.1529, 107.3372



73.4953, 88.2897, 92.2093



18.0110, 18.8903, 22.9469



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.



65.3209, 67.7012, 102.5545



61.8103, 63.6972, 103.6448



63.9612, 60.9038, 101.3142



17.4610, 18.2936, 22.8607



11.0017, 6.9129, 50.1891



1.1633, 0.8574, 4.9174

Inverse Universe

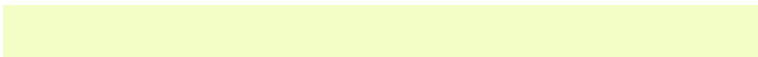
The Inverse Universe completely reimagines the original color for something new.



72.9696, 66.1790, 73.2209



70.9059, 62.1394, 68.7053



82.2531, 93.3690, 67.1147



18.2406, 18.0795, 19.8841



22.3413, 11.4258, 5.1820



2.2218, 1.1311, 0.7494

Previews

White Background



This preview shows how the XYZ color 65.3188, 67.6985, 102.5530 looks on a white background.

Color Contrast Check

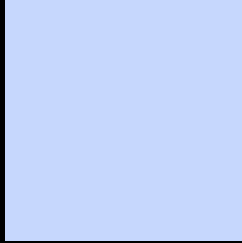
Large Text (above 18pt) WCAG AA × Fail

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 65.3188, 67.6985, 102.5530 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 65.3188, 67.6985, 102.5530

Background



This preview shows how black text looks on a background with the XYZ color 65.3188, 67.6985, 102.5530.



This preview shows how white text looks on a background with the XYZ color 65.3188, 67.6985,

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

65.3188, 67.6985, 102.5530

Protanopia

66.9390, 67.8189, 100.8291

Deuteranopia

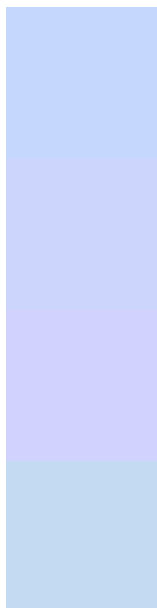
69.0088, 67.3556, 103.1297



Tritanopia

62.5725, 67.7431, 88.3751

Trichromacy



Original Color

65.3188, 67.6985, 102.5530

Protanomaly

66.5191, 67.9588, 101.7069

Deuteranomaly

67.4782, 67.2996, 103.1996

Tritanomaly

63.6048, 67.7723, 93.7334

Monochromacy



Original Color

65.3188, 67.6985, 102.5530

Achromatopsia

63.9157, 67.2443, 73.2291

Achromatomaly

64.0626, 67.1045, 82.9748

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.3188, 67.6985, 102.5530 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(198, 215, 253)` looks like.

```
.text, #text, p{  
    color:rgb(198, 215, 253)  
}
```

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(198, 215, 253) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 215, 253) }
```

Border

The CSS property to change the border of an element to XYZ 65.3188, 67.6985, 102.5530 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(198, 215, 253) }
```


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

```
.border{ border-color:rgb(198, 215, 253) }
```

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

Here you see how a box with a 4 pixel rgb(198, 215, 253) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 215, 253); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 215, 253);  
box-shadow:4px 4px 4px 4px rgb(198, 215,  
253) }
```

Background

The CSS property to change the background color of an element to XYZ 65.3188, 67.6985, 102.5530 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 215, 253) }
```

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

```
.background{ background-color: rgb(198,  
215, 253) }
```

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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