

Converting Colors

XYZ(65.8783, 68.5016,
104.3577)

Have a look what the booklet for
XYZ(65.8783, 68.5016, 104.3577)
contains.

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Color

**XYZ(65.6318, 68.2021,
104.3129)**

Conversions

Conversions Part 1

Format	Color
Hex	C5D8FF
RGB	197, 216, 255
RGB Percent	77%, 85%, 100%
CMY	0.2274, 0.1529, 0.0000
CMYK	0.23, 0.15, 0.00, 0.00
HSL	220°, 100%, 89%
HSV	220°, 23%, 100%
XYZ	65.6318, 68.2021, 104.3129
YIQ	214.7650, -23.8430, 8.1010

Conversions

Conversions Part 2

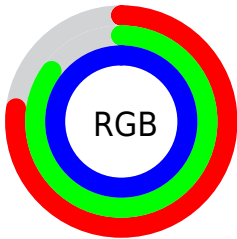
Format	Color
R_{YB}	197, 211, 255
Decimal	12966143
CIE _{Lab}	86.11, 1.82, -21.11
CIE _{LCh}	86, 21.193, 274.928
Yxy	68.2021, 0.2756, 0.2864
Android (android.graphics.Color)	4291156223 (0xFFC5D8FF)
YUV	214.7650, 19.8359, -15.5799
Hunter-Lab	82.5846, -2.6650, -17.0802

Details

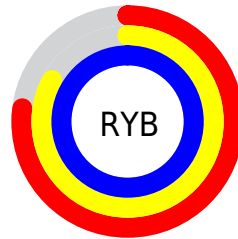
The XYZ color **65.6318, 68.2021, 104.3129** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **81.3132, 85.2811, 65.0002**, and the grayscale version is **64.3157, 67.6651, 73.6873**.

A 20% lighter version of the original color is **94.6831, 99.8108, 108.8828**, and **34.0932, 35.3177, 58.4462** is the 20% darker color. If you saturate the color by 10%, you get **55.3454, 56.7166, 102.6381**, and if you desaturate by 10%, it is **77.5098, 81.1918, 106.1941**.

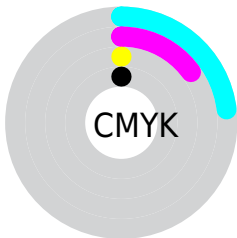
Distribution



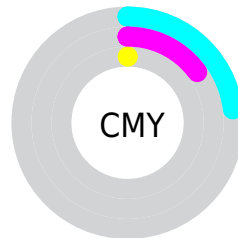
- Red (77%)
- Green (85%)
- Blue (100%)



- Red (77%)
- Yellow (83%)
- Blue (100%)



- Cyan (23%)
- Magenta (15%)
- Yellow (0%)
- Black (0%)



- Cyan (23%)
- Magenta (15%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.6318, 68.2021, 104.3129 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 65.6318, 68.2021, 104.3129 by changing the saturation by 10% instead.

■ 65.6318, 68.2021,
104.3129

■ 65.6318, 68.2021,
104.3129

434.5683,
454.2117, 595.2979

■ 48.2402, 50.0622,
79.2704

112.0184,
116.6412, 169.1750

■ 34.2292, 35.4628,
58.5955

141.7440,
147.7092, 209.8316

■ 23.2334, 24.0196,
41.8697

176.3117,
183.8553, 256.5300

■ 14.8876, 15.3482,
28.6745

216.0868,
225.4639, 309.6888

■ 8.8263, 9.0641,
18.5913

261.4347,
272.9195, 369.7264

■ 4.6843, 4.7830,
11.2015

312.7206,

■ 2.0961, 2.1205,

326.6064, 437.0614

6.0867

370.3101,
386.9090, 512.1124

■ 0.6871, 0.6761,
2.8282

■ 0.0000, 0.0000,
1.0076

■ 65.6318, 68.2021,
104.3129

■ 65.6318, 68.2021,
104.3129

■ 55.3454, 56.7166,
102.6381

■ 77.5098, 81.1918,
106.1941

■ 46.5740, 46.6701,
101.1613

■ 91.0398, 95.7318,
108.2875

■ 39.2431, 38.0040,
99.8749

■ 95.0500, 100.0000,
108.9000

■ 33.2693, 30.6524,
98.7708

■ 28.5597, 24.5430,
97.8398

■ 25.0088, 19.5954,
97.0719

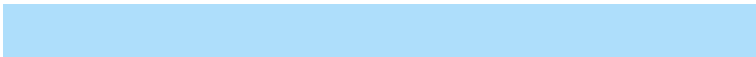
■ 22.4907, 15.7169,
96.4560

■ 21.1853, 13.4905,
96.0951

Harmonies

Analogous

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



60.9363, 68.2021, 101.2973



65.6318, 68.2021, 104.3129



70.3347, 68.2021, 98.4900

Triad

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



65.6318, 68.2021, 104.3129



72.8087, 68.2021, 59.9395



56.7066, 68.2021, 63.4657

Complementary

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



65.6318, 68.2021, 104.3129



81.3132, 85.2811, 65.0002

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.



59.6090, 68.2021, 54.3713



65.6318, 68.2021, 104.3129



68.8738, 68.2021, 52.5212

Square

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



65.6318, 68.2021, 104.3129



74.6085, 68.2021, 71.9804



64.0230, 68.2021, 50.6174



55.9348, 68.2021, 76.5882

Rectangle

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



65.6318, 68.2021, 104.3129



72.7941, 68.2021, 90.7613



64.0230, 68.2021, 50.6174



57.4581, 68.2021, 59.8916

Sweetspot

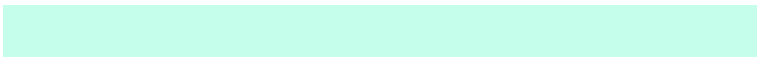
The Sweet Spot groups the original color and five complimentary colors.



65.6337, 68.2048, 104.3133



85.0752, 89.3505, 107.3702



73.8787, 89.4275, 92.4713



18.0339, 18.9360, 22.9545



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.



65.6337, 68.2048, 104.3133



61.0650, 63.1355, 103.5756



63.6566, 60.3715, 102.9055



17.4890, 18.3497, 22.8700



11.1903, 7.2901, 50.2519



1.1844, 0.8995, 4.9245

Inverse Universe

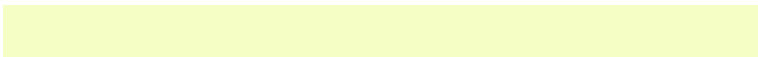
The Inverse Universe completely reimagines the original color for something new.



73.6021, 66.1518, 73.8582



70.3030, 61.0300, 68.2066



83.6111, 95.0239, 66.7596



18.2547, 18.0852, 19.9586



22.4365, 11.4639, 5.6832



2.2324, 1.1353, 0.8055

Previews

White Background



This preview shows how the XYZ color 65.6318, 68.2021, 104.3129 looks on a white background.

Color Contrast Check

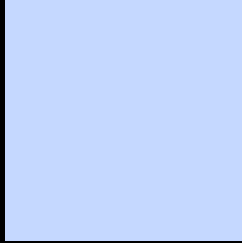
Large Text (above 18pt) WCAG AA × Fail

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 65.6318, 68.2021, 104.3129 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

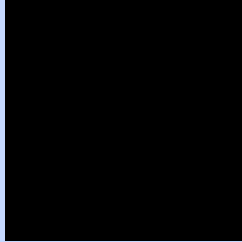
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

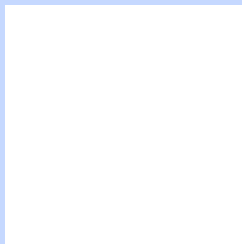
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 65.6318, 68.2021, 104.3129

Background



This preview shows how black text looks on a background with the XYZ color 65.6318, 68.2021, 104.3129.



This preview shows how white text looks on a background with the XYZ color 65.6318, 68.2021,

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

65.6318, 68.2021, 104.3129

Protanopia

67.2560, 67.9457, 102.4986

Deuteranopia

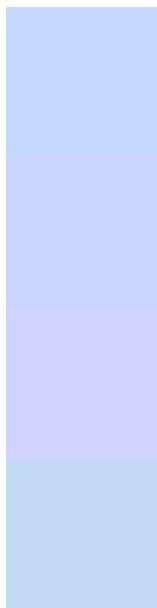
69.4155, 67.9121, 104.0575



Tritanopia

62.6099, 68.1149, 89.9684

Trichromacy



Original Color

65.6318, 68.2021, 104.3129

Protanomaly

66.5646, 67.9454, 103.3724

Deuteranomaly

67.8880, 67.8623, 104.1284

Tritanomaly

63.6487, 68.1438, 95.3864

Monochromacy



Original Color

65.6318, 68.2021, 104.3129

Achromatopsia

64.5905, 67.9542, 74.0022

Achromatomaly

64.5958, 67.7239, 84.5304

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.6318, 68.2021, 104.3129 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(197, 216, 255)` looks like.

```
.text, #text, p{  
    color:rgb(197, 216, 255)  
}
```

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(197, 216, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 216, 255) }
```

Border

The CSS property to change the border of an element to XYZ 65.6318, 68.2021, 104.3129 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(197, 216, 255) }
```


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

```
.border{ border-color:rgb(197, 216, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 216, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 216, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 216, 255);  
box-shadow:4px 4px 4px 4px rgb(197, 216,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 65.6318, 68.2021, 104.3129 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 216, 255) }
```

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

```
.background{ background-color: rgb(197,  
216, 255) }
```

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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