

Converting Colors

XYZ(68.0156, 68.2527,
114.5500)

Have a look what the booklet for
XYZ(68.0156, 68.2527, 114.5500)
contains.

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Color

**XYZ(65.9316, 67.2260,
104.1087)**

Conversions

Conversions Part 1

Format	Color
Hex	C9D5FF
RGB	201, 213, 255
RGB Percent	79%, 84%, 100%
CMY	0.2118, 0.1647, 0.0000
CMYK	0.21, 0.16, 0.00, 0.00
HSL	227°, 100%, 89%
HSV	227°, 21%, 100%
XYZ	65.9316, 67.2260, 104.1087
YIQ	214.2000, -20.6340, 10.5180

Conversions

Conversions Part 2

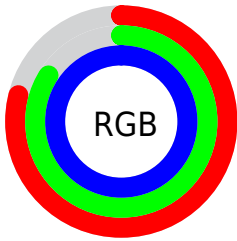
Format	Color
R _Y B	201, 211, 255
Decimal	13227519
CIE Lab	85.62, 4.60, -21.83
CIE LCh	86, 22.309, 281.905
Yxy	67.2260, 0.2779, 0.2833
Android (android.graphics.Color)	4291417599 (0xFFC9D5FF)
YUV	214.2000, 20.1144, -11.5764
Hunter-Lab	81.9915, 0.0517, -17.8895

Details

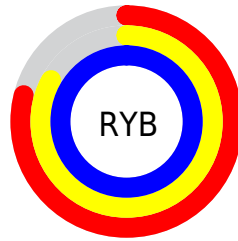
The XYZ color **65.9316, 67.2260, 104.1087** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **83.8329, 89.5772, 68.1316**, and the grayscale version is **63.9315, 67.2609, 73.2471**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.2740, 34.6419, 58.3062** is the 20% darker color. If you saturate the color by 10%, you get **54.9503, 54.6084, 102.2520**, and if you desaturate by 10%, it is **78.6646, 81.6555, 106.2228**.

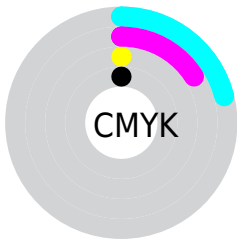
Distribution



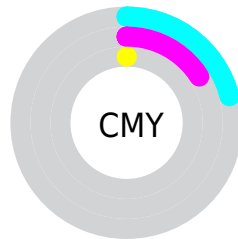
- Red (79%)
- Green (84%)
- Blue (100%)



- Red (79%)
- Yellow (83%)
- Blue (100%)



- Cyan (21%)
- Magenta (16%)
- Yellow (0%)
- Black (0%)



- Cyan (21%)
- Magenta (16%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.9316, 67.2260, 104.1087 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 65.9316, 67.2260, 104.1087 by changing the saturation by 10% instead.

■ 65.9316, 67.2260,
104.1087

■ 65.9316, 67.2260,
104.1087

435.6247,
450.7488, 594.6456

■ 48.4844, 49.2683,
79.1004

112.4464,
115.2442, 168.8931

■ 34.4235, 34.8324,
58.4565

142.2447,
146.0735, 209.5061

■ 23.3835, 23.5338,
41.7586

176.8908,
181.9621, 256.1579

■ 14.9992, 14.9881,
28.5882

216.7500,
223.2944, 309.2669

■ 8.9052, 8.8111,
18.5266

262.1876,
270.4549, 369.2516

■ 4.7360, 4.6181,
11.1554

313.5690,

■ 2.1264, 2.0250,

323.8278, 436.5306

6.0560

371.2596,
383.7977, 511.5224

■ 0.7035, 0.6219,
2.8098

■ 0.0000, 0.0000,
0.9984

■ 65.9316, 67.2260,
104.1087

■ 65.9316, 67.2260,
104.1087

■ 54.9503, 54.6084,
102.2520

■ 78.6646, 81.6555,
106.2228

■ 45.6371, 43.7221,
100.6416

■ 93.2166, 97.9576,
108.6024

■ 37.9096, 34.4918,
99.2673

■ 95.0500, 100.0000,
108.9000

■ 31.6762, 26.8335,
98.1176

■ 26.8356, 20.6556,
97.1803

■ 23.2728, 15.8559,
96.4416

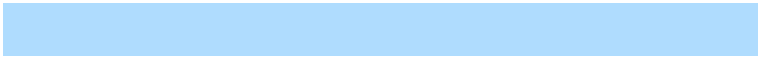
■ 20.8528, 12.3179,
95.8863

■ 19.4973, 10.1146,
95.5324

Harmonies

Analogous

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



60.9115, 67.2260, 103.1234



65.9316, 67.2260, 104.1087



70.6416, 67.2260, 96.0430

Triad

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



65.9316, 67.2260, 104.1087



71.4418, 67.2260, 56.0654



55.0578, 67.2260, 64.8518

Complementary

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



65.9316, 67.2260, 104.1087



83.8329, 89.5772, 68.1316

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.



57.5946, 67.2260, 54.2969



65.9316, 67.2260, 104.1087



66.9770, 67.2260, 49.7060

Square

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



65.9316, 67.2260, 104.1087



73.9338, 67.2260, 67.5797



61.9033, 67.2260, 49.1047



54.8110, 67.2260, 79.1187

Rectangle

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



65.9316, 67.2260, 104.1087



72.9021, 67.2260, 87.1714



61.9033, 67.2260, 49.1047



55.6645, 67.2260, 60.8033

Sweetspot

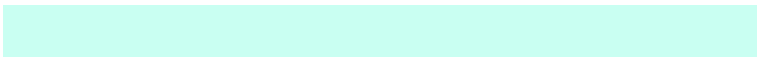
The Sweet Spot groups the original color and five complimentary colors.



65.9335, 67.2286, 104.1091



85.9642, 89.8543, 107.4206



75.9354, 90.3728, 97.7617



18.1969, 19.0050, 22.9592



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.



65.9335, 67.2286, 104.1091



61.5306, 62.1925, 103.3691



67.0798, 63.5025, 103.3295



17.3304, 18.0324, 22.8171



10.2776, 5.4649, 49.9477



1.0776, 0.6860, 4.8889

Inverse Universe

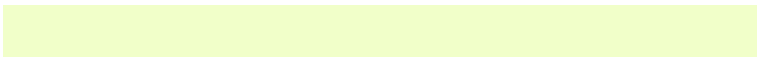
The Inverse Universe completely reimagines the original color for something new.



74.1381, 67.8388, 72.1405



70.9956, 63.0588, 66.4532



82.4424, 94.3677, 69.1296



18.1747, 18.0532, 19.5369



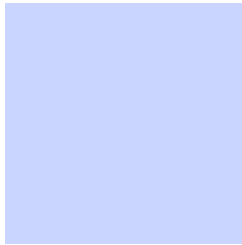
21.9759, 11.2796, 3.2575



2.1786, 1.1138, 0.5217

Previews

White Background



This preview shows how the XYZ color 65.9316, 67.2260, 104.1087 looks on a white background.

Color Contrast Check

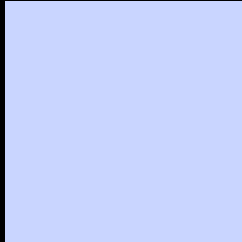
Large Text (above 18pt) WCAG AA × Fail

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 65.9316, 67.2260, 104.1087 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

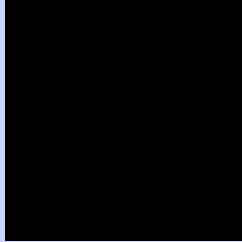
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 65.9316, 67.2260, 104.1087

Background



This preview shows how black text looks on a background with the XYZ color 65.9316, 67.2260, 104.1087.



This preview shows how white text looks on a background with the XYZ color 65.9316, 67.2260,

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

65.9316, 67.2260, 104.1087

Protanopia

66.6097, 67.2219, 103.2303

Deuteranopia

68.5820, 67.1171, 103.9480



Tritanopia

62.6901, 67.4365, 87.5543

Trichromacy



Original Color

65.9316, 67.2260, 104.1087

Protanomaly

66.3347, 67.0801, 103.2175

Deuteranomaly

67.3911, 66.8685, 103.9628

Tritanomaly

63.8716, 67.5283, 93.6723

Monochromacy



Original Color

65.9316, 67.2260, 104.1087

Achromatopsia

63.9157, 67.2443, 73.2291

Achromatomaly

64.4839, 67.3056, 83.7214

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.9316, 67.2260, 104.1087 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, 213, 255)` looks like.

```
.text, #text, p{  
    color:rgb(201, 213, 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(201, 213, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 213, 255) }
```

Border

The CSS property to change the border of an element to XYZ 65.9316, 67.2260, 104.1087 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, 213, 255) }
```


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

```
.border{ border-color:rgb(201, 213, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(201, 213, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 213, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 213, 255);  
box-shadow:4px 4px 4px 4px rgb(201, 213,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 65.9316, 67.2260, 104.1087 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 213, 255) }
```

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

```
.background{ background-color: rgb(201,  
213, 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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