

Converting Colors

XYZ(64.2054, 66.5789,
104.0748)

Have a look what the booklet for
XYZ(64.2054, 66.5789, 104.0748)
contains.

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Color

**XYZ(64.3447, 66.7825,
104.1067)**

Conversions

Conversions Part 1

Format	Color
Hex	C2D6FF
RGB	194, 214, 255
RGB Percent	76%, 84%, 100%
CMY	0.2392, 0.1608, 0.0000
CMYK	0.24, 0.16, 0.00, 0.00
HSL	220°, 100%, 88%
HSV	220°, 24%, 100%
XYZ	64.3447, 66.7825, 104.1067
YIQ	212.6940, -25.0810, 8.5110

Conversions

Conversions Part 2

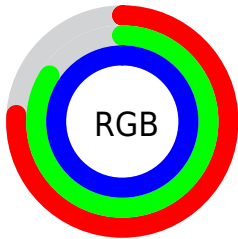
Format	Color
RYB	194, 209, 255
Decimal	12769023
CIELab	85.39, 1.99, -22.21
CIELCh	85, 22.303, 275.113
Yxy	66.7825, 0.2735, 0.2839
Android (android.graphics.Color)	4290959103 (0xFFC2D6FF)
YUV	212.6940, 20.8569, -16.3946
Hunter-Lab	81.7206, -2.4646, -18.3272

Details

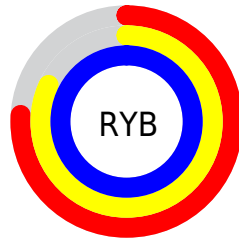
The XYZ color **64.3447, 66.7825, 104.1067** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **80.6858, 84.5710, 63.1119**, and the grayscale version is **62.9203, 66.1970, 72.0886**.

A 20% lighter version of the original color is **93.5937, 99.2492, 108.8318**, and **33.2386, 34.3625, 58.3068** is the 20% darker color. If you saturate the color by 10%, you get **54.2416, 55.4719, 102.4560**, and if you desaturate by 10%, it is **76.0309, 79.5900, 105.9629**.

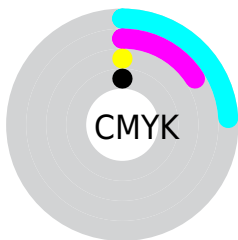
Distribution



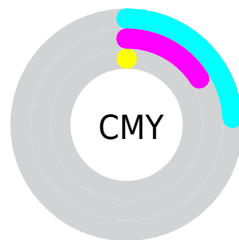
- Red (76%)
- Green (84%)
- Blue (100%)



- Red (76%)
- Yellow (82%)
- Blue (100%)



- Cyan (24%)
- Magenta (16%)
- Yellow (0%)
- Black (0%)



- Cyan (24%)
- Magenta (16%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 64.3447, 66.7825, 104.1067 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 64.3447, 66.7825, 104.1067 by changing the saturation by 10% instead.

■ 64.3447, 66.7825,
104.1067

■ 64.3447, 66.7825,
104.1067

430.0159,
449.1702, 594.6392

■ 47.1926, 48.9079,
79.0987

■ 110.1782,
114.6087, 168.8903

■ 33.3966, 34.5464,
58.4552

139.5903,
145.3291, 209.5030

■ 22.5911, 23.3137,
41.7576

173.8198,
181.1002, 256.1543

■ 14.4109, 14.8253,
28.5874

213.2321,
222.3064, 309.2627

■ 8.4906, 8.6969,
18.5260

258.1925,
269.3321, 369.2469

■ 4.4649, 4.5440,
11.1549

309.0663,

■ 1.9683, 1.9823,

322.5617, 436.5254

6.0557

366.2190,
382.3796, 511.5166

■ 0.6161, 0.5971,
2.8096

■ 0.0000, 0.0000,
0.9983

■ 64.3447, 66.7825,
104.1067

■ 64.3447, 66.7825,
104.1067

■ 54.2416, 55.4719,
102.4560

■ 76.0309, 79.5900,
105.9629

■ 45.6446, 45.5926,
101.0023

■ 89.3611, 93.9408,
108.0303

■ 38.4783, 37.0857,
99.7380

95.0500, 100.0000,
108.9000

■ 32.6584, 29.8844,
98.6547

■ 28.0909, 23.9159,
97.7434

■ 24.6681, 19.0985,
96.9940

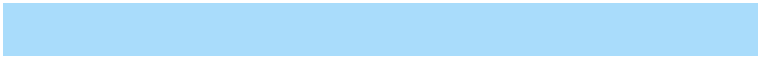
■ 22.2612, 15.3377,
96.3949

■ 21.1907, 13.5013,
96.0969

Harmonies

Analogous

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



59.4724, 66.7825, 100.9958



64.3447, 66.7825, 104.1067



69.2300, 66.7825, 97.9398

Triad

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



64.3447, 66.7825, 104.1067



71.7606, 66.7825, 57.8528



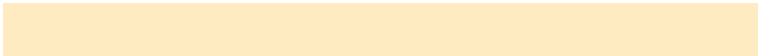
55.0612, 66.7825, 61.6201

Complementary

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



64.3447, 66.7825, 104.1067



80.6858, 84.5710, 63.1119

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.



58.0477, 66.7825, 52.2418



64.3447, 66.7825, 104.1067



67.6528, 66.7825, 50.2774

Square

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



64.3447, 66.7825, 104.1067



73.6542, 66.7825, 70.2627



62.6127, 66.7825, 48.3679



54.2793, 66.7825, 75.2232

Rectangle

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



64.3447, 66.7825, 104.1067



71.7844, 66.7825, 89.8229



62.6127, 66.7825, 48.3679



55.8325, 66.7825, 57.9298

Sweetspot

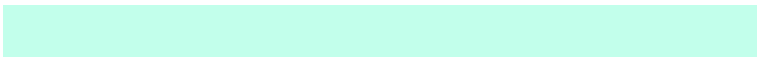
The Sweet Spot groups the original color and five complimentary colors.



64.3466, 66.7851, 104.1071



85.0767, 89.3534, 107.3707



72.9563, 88.9687, 91.6732



18.0342, 18.9366, 22.9546



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.



64.3466, 66.7851, 104.1071



59.0207, 60.8556, 103.2433



62.2907, 58.6662, 102.6484



17.4894, 18.3505, 22.8702



11.1931, 7.2959, 50.2529



1.1847, 0.9001, 4.9246

Inverse Universe

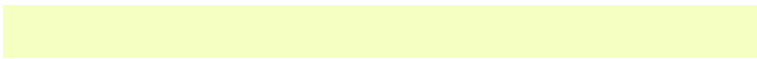
The Inverse Universe completely reimagines the original color for something new.



72.6706, 64.7001, 72.2795



68.8296, 58.7503, 65.6592



83.0962, 94.7978, 64.9588



18.2549, 18.0853, 19.9597



22.4380, 11.4645, 5.6909



2.2326, 1.1354, 0.8063

Previews

White Background



This preview shows how the XYZ color 64.3447, 66.7825, 104.1067 looks on a white background.

Color Contrast Check

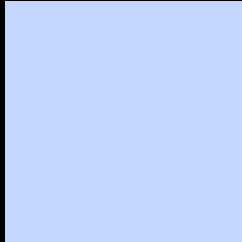
Large Text (above 18pt) WCAG AA × Fail

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 64.3447, 66.7825, 104.1067 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

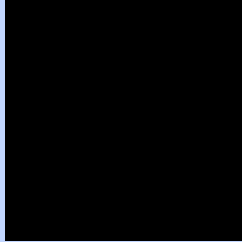
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

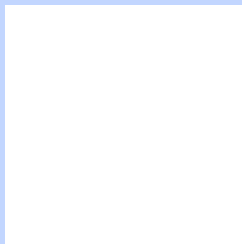
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 64.3447, 66.7825, 104.1067

Background



This preview shows how black text looks on a background with the XYZ color 64.3447, 66.7825, 104.1067.



This preview shows how white text looks on a background with the XYZ color 64.3447, 66.7825,

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

64.3447, 66.7825, 104.1067

Protanopia

65.9257, 66.5177, 102.2931

Deuteranopia

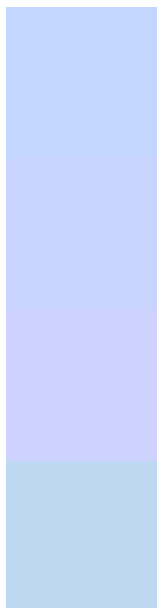
67.7573, 66.3288, 103.8393



Tritanopia

61.0435, 66.5710, 88.2294

Trichromacy



Original Color

64.3447, 66.7825, 104.1067

Protanomaly

65.2523, 66.5221, 103.1668

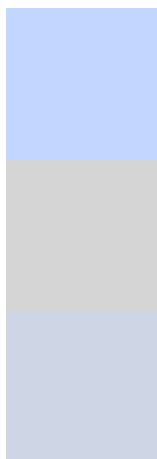
Deuteranomaly

66.2734, 66.2923, 103.9105

Tritanomaly

62.0687, 66.5989, 93.5879

Monochromacy



Original Color

64.3447, 66.7825, 104.1067

Achromatopsia

63.2451, 66.5387, 72.4607

Achromatomaly

63.2514, 66.3117, 82.8645

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.3447, 66.7825, 104.1067 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(194, 214, 255)` looks like.

```
.text, #text, p{  
    color:rgb(194, 214, 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(194, 214, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 214, 255) }
```

Border

The CSS property to change the border of an element to XYZ 64.3447, 66.7825, 104.1067 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(194, 214, 255) }
```


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

```
.border{ border-color:rgb(194, 214, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 214, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 214, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 214, 255);  
box-shadow:4px 4px 4px 4px rgb(194, 214,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 64.3447, 66.7825, 104.1067 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 214, 255) }
```

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

```
.background{ background-color: rgb(194,  
214, 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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