

Converting Colors

XYZ(64.5837, 68.7669, 95.3485)

Have a look what the booklet for
XYZ(64.5837, 68.7669, 95.3485)
contains.

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Color

**XYZ(64.4265, 68.5448,
95.4228)**

Conversions

Conversions Part 1

Format	Color
Hex	C5DAF4
RGB	197, 218, 244
RGB Percent	77%, 85%, 96%
CMY	0.2274, 0.1451, 0.0431
CMYK	0.19, 0.11, 0.00, 0.04
HSL	213°, 68%, 86%
HSV	213°, 19%, 96%
XYZ	64.4265, 68.5448, 95.4228
YIQ	214.6850, -20.8620, 3.6340

Conversions

Conversions Part 2

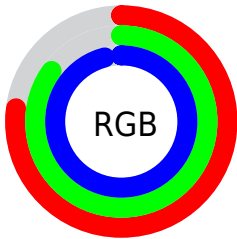
Format	Color
R _Y B	197, 212, 244
Decimal	12966644
CIE Lab	86.28, -1.64, -15.05
CIE LCh	86, 15.141, 263.791
Yxy	68.5448, 0.2821, 0.3001
Android (android.graphics.Color)	4291156724 (0xFFC5DAF4)
YUV	214.6850, 14.4523, -15.5097
Hunter-Lab	82.7918, -5.9814, -10.3812

Details

The XYZ color **64.4265, 68.5448, 95.4228** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **73.7745, 76.0397, 63.6136**, and the grayscale version is **64.2956, 67.6439, 73.6642**.

A 20% lighter version of the original color is **94.6831, 99.8108, 108.8828**, and **33.5020, 35.6649, 52.6952** is the 20% darker color. If you saturate the color by 10%, you get **55.1889, 58.7983, 94.0295**, and if you desaturate by 10%, it is **74.9873, 79.4000, 96.9626**.

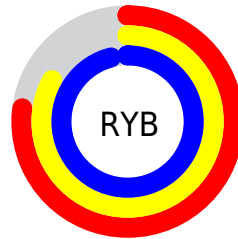
Distribution



Red (77%)

Green (85%)

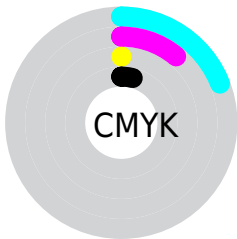
Blue (96%)



Red (77%)

Yellow (83%)

Blue (96%)

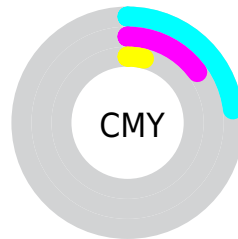


Cyan (19%)

Magenta (11%)

Yellow (0%)

Black (4%)



Cyan (23%)

Magenta (15%)

Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 64.4265, 68.5448, 95.4228 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 64.4265, 68.5448, 95.4228 by changing the saturation by 10% instead.

■ 64.4265, 68.5448,
95.4228

■ 64.4265, 68.5448,
95.4228

430.3060,
455.4239, 566.5365

■ 47.2592, 50.3411,
71.8881

110.2952,
117.1312, 156.8492

■ 33.4494, 35.6845,
52.5810

139.7274,
148.2826, 195.5780

■ 22.6318, 24.1906,
37.0829

173.9785,
184.5188, 240.2085

■ 14.4411, 15.4751,
24.9754

213.4139,
226.2240, 291.1593

■ 8.5118, 9.1535,
15.8399

258.3990,
273.7828, 348.8490

■ 4.4787, 4.8414,
9.2578

309.2992,

■ 1.9764, 2.1545,

327.5794, 413.6961

4.8106

366.4797,
387.9983, 486.1191

■ 0.6206, 0.6950,
2.0798

■ 0.0000, 0.0000,
0.6037

■ 64.4265, 68.5448,
95.4228

■ 64.4265, 68.5448,
95.4228

■ 55.1889, 58.7983,
94.0295

■ 74.9873, 79.4000,
96.9626

■ 47.2120, 50.1131,
92.7735

■ 86.9180, 91.3924,
98.6485

■ 40.4370, 42.4501,
91.6515

■ 93.3294, 99.3117,
99.8392

■ 34.7977, 35.7645,
90.6583

■ 30.2209, 30.0072,
89.7882

■ 26.6238, 25.1237,
89.0352

■ 23.9092, 21.0514,
88.3923

■ 21.9313, 17.7021,
87.8500

■ 21.8018, 17.4766,
87.8133

Harmonies

Analogous

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



61.2644, 68.5448, 91.2445



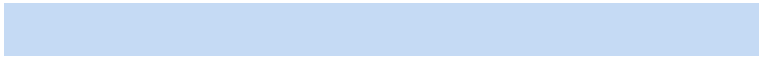
64.4265, 68.5448, 95.4228



67.8953, 68.5448, 93.6424

Triad

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



64.4265, 68.5448, 95.4228



71.4869, 68.5448, 67.1440



59.8823, 68.5448, 63.8436

Complementary

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



64.4265, 68.5448, 95.4228



73.7745, 76.0397, 63.6136

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.



62.4792, 68.5448, 58.3889



64.4265, 68.5448, 95.4228



69.1961, 68.5448, 60.1720

Square

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



64.4265, 68.5448, 95.4228



72.0534, 68.5448, 76.7321



65.8784, 68.5448, 57.1071



58.7019, 68.5448, 72.5738

Rectangle

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



64.4265, 68.5448, 95.4228



69.9064, 68.5448, 89.3888



65.8784, 68.5448, 57.1071



60.6140, 68.5448, 61.5987

Sweetspot

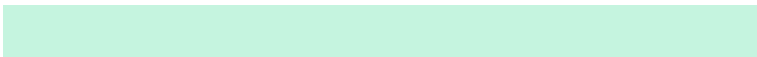
The Sweet Spot groups the original color and five complimentary colors.



64.4286, 68.5476, 95.4243



87.0028, 91.9315, 107.7668



68.6771, 81.8926, 81.8946



18.4419, 19.4951, 23.0409



0.0000, 0.0000, 0.0000



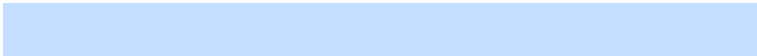
20.3446, 21.4041, 23.3091

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



64.4286, 68.5476, 95.4243



67.1760, 71.5425, 104.8763



59.9430, 58.6558, 93.7514



16.1908, 17.1459, 20.9987



11.9862, 9.7662, 47.7914



1.1544, 1.0602, 4.2340

Inverse Universe

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



69.9310, 64.2292, 75.0446



74.3188, 66.2019, 78.3616



78.9279, 87.5492, 65.5636



16.8069, 16.6056, 18.7296



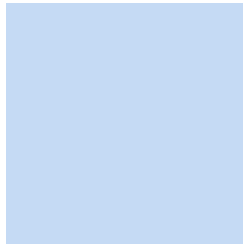
21.8546, 11.0853, 9.2087



1.9717, 0.9947, 1.0776

Previews

White Background



This preview shows how the XYZ color 64.4265, 68.5448, 95.4228 looks on a white background.

Color Contrast Check

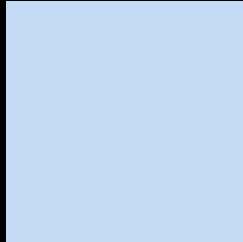
Large Text (above 18pt) WCAG AA × Fail

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 64.4265, 68.5448, 95.4228 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

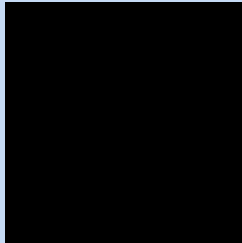
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

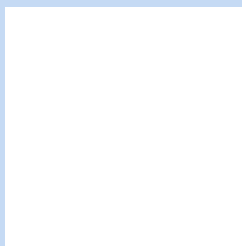
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 64.4265, 68.5448, 95.4228

Background



This preview shows how black text looks on a background with the XYZ color 64.4265, 68.5448, 95.4228.



This preview shows how white text looks on a background with the XYZ color 64.4265, 68.5448,

95.4228.

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

64.4265, 68.5448, 95.4228

Protanopia

67.0751, 68.4411, 92.8943

Deuteranopia

69.8053, 68.2766, 96.6883



Tritanopia

63.3825, 68.5132, 90.0045

Trichromacy



Original Color

64.4265, 68.5448, 95.4228

Protanomaly

66.0596, 68.2771, 93.7015

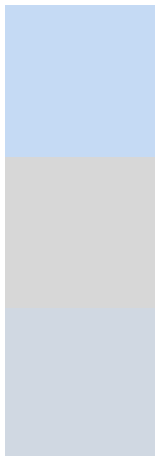
Deuteranomaly

67.7163, 68.3272, 96.0056

Tritanomaly

63.8246, 68.6901, 92.3327

Monochromacy



Original Color

64.4265, 68.5448, 95.4228

Achromatopsia

64.5905, 67.9542, 74.0022

Achromatomaly

64.2958, 68.0126, 81.6905

CSS Examples

Text

The CSS property to change the color of the text to XYZ 64.4265, 68.5448, 95.4228 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, 218, 244)` looks like.

```
.text, #text, p{  
    color:rgb(197, 218, 244)  
}
```

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, 218, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 218, 244) }
```

Border

The CSS property to change the border of an element to XYZ 64.4265, 68.5448, 95.4228 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, 218, 244) }
```


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

```
.border{ border-color:rgb(197, 218, 244) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 218, 244)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 218, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 218, 244);  
box-shadow:4px 4px 4px 4px rgb(197, 218,  
244) }
```

Background

The CSS property to change the background color of an element to XYZ 64.4265, 68.5448, 95.4228 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 218, 244) }
```

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

```
.background{ background-color: rgb(197,  
218, 244) }
```

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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