

Converting Colors

XYZ(65.7597, 68.7100,
104.4042)

Have a look what the booklet for
XYZ(65.7597, 68.7100, 104.4042)
contains.

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Color

**XYZ(65.6278, 68.5815,
104.3863)**

Conversions

Conversions Part 1	
Format	Color
Hex	C4D9FF
RGB	196, 217, 255
RGB Percent	77%, 85%, 100%
CMY	0.2314, 0.1490, 0.0000
CMYK	0.23, 0.15, 0.00, 0.00
HSL	219°, 100%, 88%
HSV	219°, 23%, 100%
XYZ	65.6278, 68.5815, 104.3863
YIQ	215.0530, -24.7140, 7.3660

Conversions

Conversions Part 2

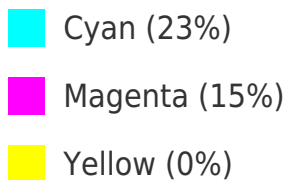
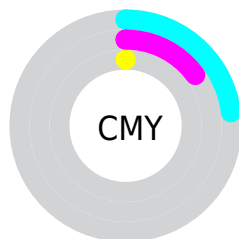
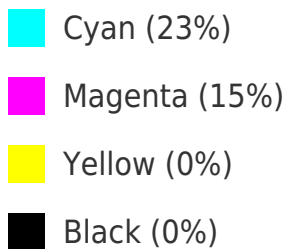
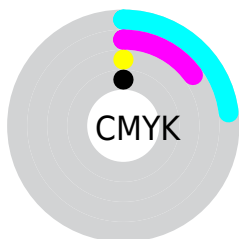
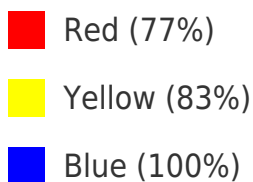
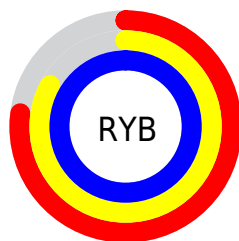
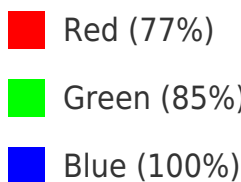
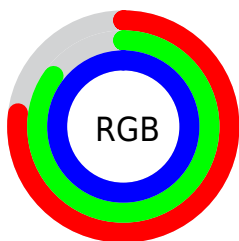
Format	Color
RYB	196, 211, 255
Decimal	12900863
CIELab	86.30, 1.00, -20.83
CIELCh	86, 20.859, 272.739
Yxy	68.5815, 0.2751, 0.2874
Android (android.graphics.Color)	4291090943 (0xFFC4D9FF)
YUV	215.0530, 19.6939, -16.7095
Hunter-Lab	82.8139, -3.4680, -16.7648

Details

The XYZ color **65.6278, 68.5815, 104.3863** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **80.6265, 84.0904, 64.2079**, and the grayscale version is **64.5117, 67.8713, 73.9119**.

A 20% lighter version of the original color is **94.3180, 99.6226, 108.8657**, and **34.0979, 35.5806, 58.4967** is the 20% darker color. If you saturate the color by 10%, you get **55.5258, 57.4008, 102.7607**, and if you desaturate by 10%, it is **77.2821, 81.1912, 106.2060**.


Distribution




Brightness & Saturation Gradients


These gradients show how the XYZ color 65.6278, 68.5815, 104.3863 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 65.6278, 68.5815, 104.3863 by changing the saturation by 10% instead.


 65.6278, 68.5815,
104.3863

 65.6278, 68.5815,
104.3863


434.5542,
455.5536, 595.5322

 48.2369, 50.3710,
79.3315


112.0127,
117.1836, 169.2763

 34.2266, 35.7082,
58.6455


141.7373,
148.3440, 209.9485

 23.2314, 24.2089,
41.9097


176.3040,
184.5898, 256.6637

 14.8861, 15.4887,
28.7055

216.0779,
226.3054, 309.8404

 8.8253, 9.1631,
18.6145

261.4246,
273.8751, 369.8970

 4.6836, 4.8477,
11.2181

312.7093,

 2.0957, 2.1582,

327.6835, 437.2522

6.0977

370.2974,
388.1148, 512.3244

0.6869, 0.6970,
2.8348

0.0000, 0.0000,
1.0109

65.6278, 68.5815,
104.3863

65.6278, 68.5815,
104.3863

55.5258, 57.4008,
102.7607

77.2821, 81.1912,
106.2060

46.9012, 47.5872,
101.3210

90.5477, 95.2725,
108.2248

39.6810, 39.0858,
100.0606

95.0500, 100.0000,
108.9000

33.7836, 31.8343,
98.9718

■ 29.1180, 25.7648,
98.0462

■ 25.5802, 20.8013,
97.2746

■ 23.0462, 16.8557,
96.6466

■ 21.7718, 14.6636,
96.2906

Harmonies

Analogous

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



61.0386, 68.5815, 100.7875



65.6278, 68.5815, 104.3863



70.3168, 68.5815, 99.2489

Triad

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



65.6278, 68.5815, 104.3863



73.2796, 68.5815, 61.2421



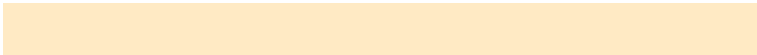
57.3022, 68.5815, 63.1839

Complementary

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



65.6278, 68.5815, 104.3863



80.6265, 84.0904, 64.2079

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.



60.3085, 68.5815, 54.5320



65.6278, 68.5815, 104.3863



69.5144, 68.5815, 53.5116

Square

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



65.6278, 68.5815, 104.3863



74.8684, 68.5815, 73.4145



64.7435, 68.5815, 51.2131



56.3741, 68.5815, 75.9470

Rectangle

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



65.6278, 68.5815, 104.3863



72.8280, 68.5815, 91.8899



64.7435, 68.5815, 51.2131



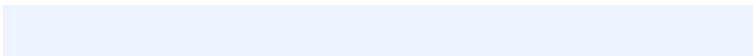
58.0957, 68.5815, 59.7543

Sweetspot

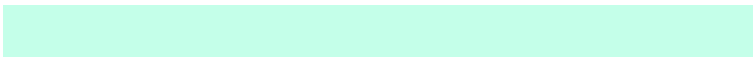
The Sweet Spot groups the original color and five complimentary colors.



65.6297, 68.5842, 104.3868



85.2269, 89.6537, 107.4207



73.2863, 89.1604, 90.7136



18.0689, 19.0061, 22.9662



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.



65.6297, 68.5842, 104.3868



60.5261, 62.9702, 103.5721



62.6566, 59.5200, 102.7939



17.5321, 18.4358, 22.8844



11.5035, 7.9166, 50.3563



1.2187, 0.9680, 4.9359

Inverse Universe

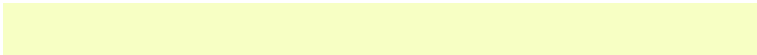
The Inverse Universe completely reimagines the original color for something new.



73.5056, 65.7511, 74.4658



69.8082, 59.9793, 68.2304



84.1291, 95.3041, 66.1877



18.2765, 18.0939, 20.0730



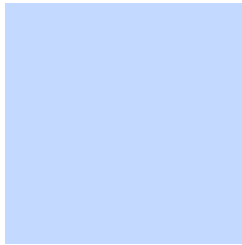
22.5946, 11.5271, 6.5159



2.2497, 1.1423, 0.8965

Previews

White Background



This preview shows how the XYZ color 65.6278, 68.5815, 104.3863 looks on a white background.

Color Contrast Check

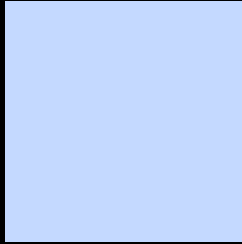
Large Text (above 18pt) WCAG AA × Fail

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 65.6278, 68.5815, 104.3863 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

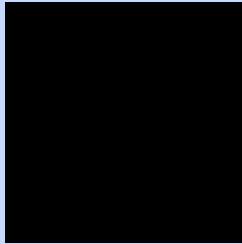
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

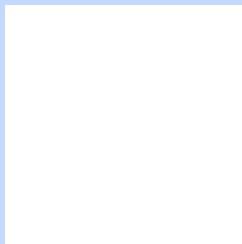
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 65.6278, 68.5815, 104.3863

Background



This preview shows how black text looks on a background with the XYZ color 65.6278, 68.5815, 104.3863.



This preview shows how white text looks on a background with the XYZ color 65.6278, 68.5815,

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

65.6278, 68.5815, 104.3863

Protanopia

67.7886, 68.5949, 102.5958

Deuteranopia

69.9595, 68.5602, 104.1539



Tritanopia

63.0181, 68.6969, 90.8273

Trichromacy



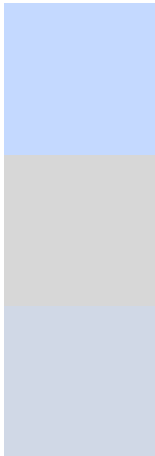
Original Color
65.6278, 68.5815, 104.3863

Protanomaly
67.0917, 68.5940, 103.4698

Deuteranomaly
68.1387, 68.3638, 104.2120

Tritanomaly
63.9088, 68.6640, 95.4731

Monochromacy



Original Color
65.6278, 68.5815, 104.3863

Achromatopsia
64.5905, 67.9542, 74.0022

Achromatomaly
64.8512, 68.2348, 84.6155

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.6278, 68.5815, 104.3863 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(196, 217, 255) looks like.

```
.text, #text, p{  
    color:rgb(196, 217, 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(196, 217, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 217, 255) }
```

Border

The CSS property to change the border of an element to XYZ 65.6278, 68.5815, 104.3863 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(196, 217, 255) }
```


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

```
.border{ border-color:rgb(196, 217, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 217, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 217, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 217, 255);  
box-shadow:4px 4px 4px 4px rgb(196, 217,  
255) }
```

Background

The CSS property to change the background color of an element to XYZ 65.6278, 68.5815, 104.3863 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 217, 255) }
```

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

```
.background{ background-color: rgb(196,  
217, 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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