

Converting Colors

XYZ(65.1707, 67.8002, 83.4600)

Have a look what the booklet for
XYZ(65.1707, 67.8002, 83.4600)
contains.

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Color

**XYZ(65.0534, 67.5992,
83.7480)**

Conversions

Conversions Part 1

Format	Color
Hex	D3D6E5
RGB	211, 214, 229
RGB Percent	83%, 84%, 90%
CMY	0.1725, 0.1608, 0.1020
CMYK	0.08, 0.07, 0.00, 0.10
HSL	230°, 26%, 86%
HSV	230°, 8%, 90%
XYZ	65.0534, 67.5992, 83.7480
YIQ	214.8130, -6.6030, 4.0290

Conversions

Conversions Part 2

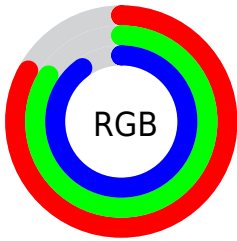
Format	Color
R _Y B	211, 214, 229
Decimal	13883109
CIE Lab	85.81, 1.82, -7.72
CIE LCh	86, 7.931, 283.261
Yxy	67.5992, 0.3006, 0.3124
Android (android.graphics.Color)	4292073189 (0xFFD3D6E5)
YUV	214.8130, 6.9942, -3.3440
Hunter-Lab	82.2187, -2.6494, -2.8397

Details

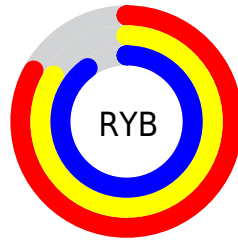
The XYZ color **65.0534, 67.5992, 83.7480** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **71.2675, 75.7532, 72.4948**, and the grayscale version is **64.4239, 67.7790, 73.8113**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **33.7484, 34.9202, 45.0059** is the 20% darker color. If you saturate the color by 10%, you get **54.4056, 55.3585, 81.9475**, and if you desaturate by 10%, it is **77.2053, 81.4586, 85.7837**.

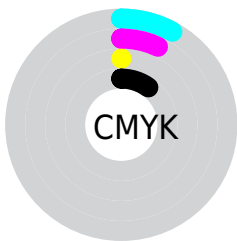
Distribution



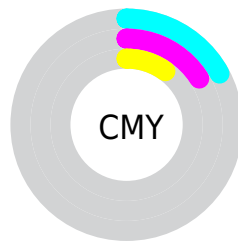
- Red (83%)
- Green (84%)
- Blue (90%)



- Red (83%)
- Yellow (84%)
- Blue (90%)



- Cyan (8%)
- Magenta (7%)
- Yellow (0%)
- Black (10%)



- Cyan (17%)
- Magenta (16%)
- Yellow (10%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.0534, 67.5992, 83.7480 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 65.0534, 67.5992, 83.7480 by changing the saturation by 10% instead.

■ 65.0534, 67.5992,
83.7480

■ 65.0534, 67.5992,
83.7480

432.5260,
452.0747, 527.5122

■ 47.7692, 49.5717,
62.2632

111.1919,
115.7786, 140.4812

■ 33.8547, 35.0732,
44.8083

140.7770,
146.6993, 176.5667

■ 22.9443, 23.7193,
30.9646

175.1930,
182.6865, 218.3562

■ 14.6729, 15.1255,
20.3136

214.8055,
224.1247, 266.2682

■ 8.6749, 8.9075,
12.4369

259.9796,
271.3982, 320.7212

■ 4.5852, 4.6809,
6.9158

311.0809,

■ 2.0382, 2.0613,

324.8915, 382.1339

3.3319

368.4746,
384.9888, 450.9247

■ 0.6553, 0.6427,
1.2665

■ 0.0000, 0.0000,
0.0341

■ 65.0534, 67.5992,
83.7480

■ 65.0534, 67.5992,
83.7480

■ 54.4056, 55.3585,
81.9475

■ 77.2053, 81.4586,
85.7837

■ 45.1973, 44.6687,
80.3695

■ 90.2448, 96.6408,
88.0269

■ 37.3678, 35.4700,
79.0067

■ 91.1431, 98.4372,
88.3263

■ 30.8498, 27.6952,
77.8495

■ 25.5702, 21.2720,
76.8880

■ 21.4486, 16.1216,
76.1111

■ 18.3950, 12.1568,
75.5067

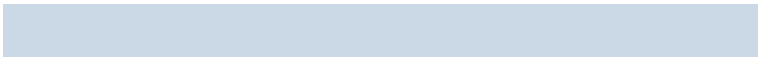
■ 16.3051, 9.2785,
75.0613

■ 15.0428, 7.3656,
74.7586

Harmonies

Analogous

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



63.2529, 67.5992, 83.5773



65.0534, 67.5992, 83.7480



66.6681, 67.5992, 81.1112

Triad

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



65.0534, 67.5992, 83.7480



66.8214, 67.5992, 66.9763



60.9725, 67.5992, 70.7678

Complementary

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



65.0534, 67.5992, 83.7480



71.2675, 75.7532, 72.4948

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.



61.8931, 67.5992, 66.5750



65.0534, 67.5992, 83.7480



65.2596, 67.5992, 64.4575

Square

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



65.0534, 67.5992, 83.7480



67.7017, 67.5992, 71.3392



63.4552, 67.5992, 64.3142



60.9196, 67.5992, 75.9163

Rectangle

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



65.0534, 67.5992, 83.7480



67.4125, 67.5992, 78.1847



63.4552, 67.5992, 64.3142



61.1899, 67.5992, 69.2059

Sweetspot

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



65.0554, 67.6021, 83.7495



91.8579, 96.3644, 108.3665



68.5707, 75.3632, 82.6694



19.6948, 20.6641, 23.2005



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.



65.0554, 67.6021, 83.7495



81.3056, 84.3056, 106.5951



65.9644, 66.9527, 83.5762



13.7762, 14.2737, 18.1734



8.5450, 4.1521, 42.7342



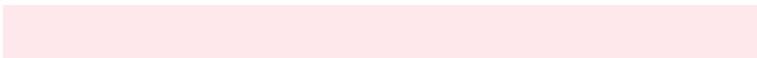
0.6899, 0.4237, 3.1774

Inverse Universe

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



67.7465, 68.1030, 73.1963



85.2335, 85.0505, 91.1890



70.3022, 76.4786, 72.6857



14.4746, 14.4070, 15.4337



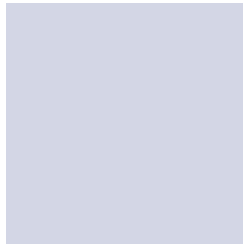
18.7066, 9.6169, 2.0841



1.4119, 0.7225, 0.3094

Previews

White Background



This preview shows how the XYZ color 65.0534, 67.5992, 83.7480 looks on a white background.

Color Contrast Check

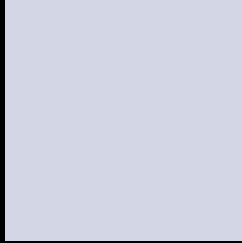
Large Text (above 18pt) WCAG AA × Fail

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 65.0534, 67.5992, 83.7480 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

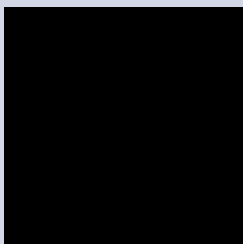
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

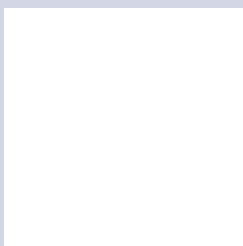
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 65.0534, 67.5992, 83.7480

Background



This preview shows how black text looks on a background with the XYZ color 65.0534, 67.5992, 83.7480.

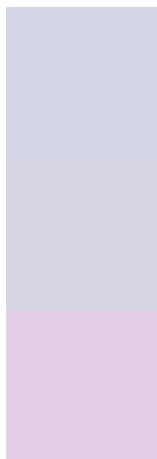


This preview shows how white text looks on a background with the XYZ color 65.0534, 67.5992,

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

65.0534, 67.5992, 83.7480

Protanopia

65.5294, 67.4861, 82.9711

Deuteranopia

68.8337, 67.3189, 84.2288



Tritanopia

65.3343, 67.7115, 85.2275

Trichromacy



Original Color

65.0534, 67.5992, 83.7480

Protanomaly

65.2384, 67.3361, 82.9575

Deuteranomaly

67.4537, 67.3360, 84.3049

Tritanomaly

65.1935, 67.6552, 84.4856

Monochromacy



Original Color

65.0534, 67.5992, 83.7480

Achromatopsia

64.5905, 67.9542, 74.0022

Achromatomaly

64.9503, 68.0643, 77.4246

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.0534, 67.5992, 83.7480 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(211, 214, 229) looks like.

```
.text, #text, p{  
    color:rgb(211, 214, 229)  
}
```

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(211, 214, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 214, 229) }
```

Border

The CSS property to change the border of an element to XYZ 65.0534, 67.5992, 83.7480 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(211, 214, 229) }
```


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

```
.border{ border-color:rgb(211, 214, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 214, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 214, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 214, 229);  
box-shadow:4px 4px 4px 4px rgb(211, 214,  
229) }
```

Background

The CSS property to change the background color of an element to XYZ 65.0534, 67.5992, 83.7480 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 214, 229) }
```

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

```
.background{ background-color: rgb(211,  
214, 229) }
```

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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