

Converting Colors

XYZ(65.2801, 67.5424, 80.8893)

Have a look what the booklet for
XYZ(65.2801, 67.5424, 80.8893)
contains.

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Color

**XYZ(65.1164, 67.3209,
80.7964)**

Conversions

Conversions Part 1

Format	Color
Hex	D6D5E1
RGB	214, 213, 225
RGB Percent	84%, 84%, 88%
CMY	0.1608, 0.1647, 0.1176
CMYK	0.05, 0.05, 0.00, 0.12
HSL	245°, 17%, 86%
HSV	245°, 5%, 88%
XYZ	65.1164, 67.3209, 80.7964
YIQ	214.6670, -3.2560, 3.9440

Conversions

Conversions Part 2

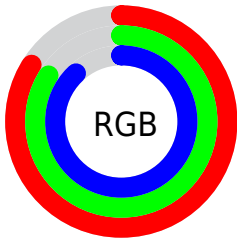
Format	Color
RYB	214, 213, 225
Decimal	14079457
CIELab	85.67, 2.56, -5.78
CIELCh	86, 6.325, 293.918
Yxy	67.3209, 0.3054, 0.3157
Android (android.graphics.Color)	4292269537 (0xFFD6D5E1)
YUV	214.6670, 5.0942, -0.5850
Hunter-Lab	82.0493, -1.9242, -0.9501

Details

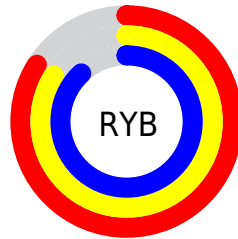
The XYZ color **65.1164, 67.3209, 80.7964** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **69.6785, 74.5037, 73.6624**, and the grayscale version is **64.3361, 67.6865, 73.7106**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **33.7806, 34.7269, 42.9527** is the 20% darker color. If you saturate the color by 10%, you get **54.2007, 53.8686, 78.7762**, and if you desaturate by 10%, it is **77.5838, 82.7424, 83.1170**.

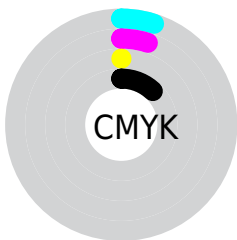
Distribution



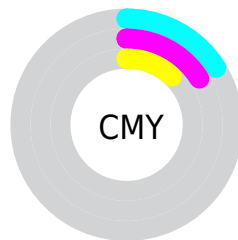
- Red (84%)
- Green (84%)
- Blue (88%)



- Red (84%)
- Yellow (84%)
- Blue (88%)



- Cyan (5%)
- Magenta (5%)
- Yellow (0%)
- Black (12%)



- Cyan (16%)
- Magenta (16%)
- Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.1164, 67.3209, 80.7964 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 65.1164, 67.3209, 80.7964 by changing the saturation by 10% instead.

■ 65.1164, 67.3209,
80.7964

■ 65.1164, 67.3209,
80.7964

432.7487,
451.0862, 517.3901

■ 47.8205, 49.3455,
59.8439

111.2820,
115.3801, 136.3063

■ 33.8954, 34.8936,
42.8684

140.8824,
146.2327, 171.7009

■ 22.9758, 23.5809,
29.4512

175.3150,
182.1464, 212.7465

■ 14.6962, 15.0230,
19.1739

214.9452,
223.5056, 259.8618

■ 8.6914, 8.8356,
11.6179

260.1383,
270.6949, 313.4653

■ 4.5959, 4.6341,
6.3647

311.2597,

■ 2.0445, 2.0342,

324.0984, 373.9754

2.9957

368.6747,
384.1007, 441.8109

■ 0.6588, 0.6272,
1.0925

■ 0.0000, 0.0000,
0.0000

■ 65.1164, 67.3209,
80.7964

■ 65.1164, 67.3209,
80.7964

■ 54.2007, 53.8686,
78.7762

■ 77.5838, 82.7424,
83.1170

■ 44.7703, 42.2979,
77.0399

■ 90.5908, 98.2163,
85.4182

■ 36.7626, 32.5275,
75.5760

■ 30.1084, 24.4668,
74.3709

■ 24.7327, 18.0172,
73.4093

■ 20.5529, 13.0701,
72.6747

■ 17.4769, 9.5035,
72.1484

■ 15.3991, 7.1760,
71.8087

■ 14.1926, 5.9159,
71.6290

Harmonies

Analogous

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



63.6934, 67.3209, 81.4778



65.1164, 67.3209, 80.7964



66.2519, 67.3209, 78.0742

Triad

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



65.1164, 67.3209, 80.7964



65.6321, 67.3209, 67.0734



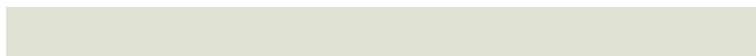
61.2708, 67.3209, 72.4636

Complementary

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



65.1164, 67.3209, 80.7964



69.6785, 74.5037, 73.6624

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.



61.7733, 67.3209, 68.7265



65.1164, 67.3209, 80.7964



64.2805, 67.3209, 65.6905

Square

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



65.1164, 67.3209, 80.7964



66.5528, 67.3209, 70.1308



62.8697, 67.3209, 66.2841



61.4871, 67.3209, 76.5654

Rectangle

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



65.1164, 67.3209, 80.7964



66.6858, 67.3209, 75.5211



62.8697, 67.3209, 66.2841



61.3610, 67.3209, 71.1249

Sweetspot

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



65.1184, 67.3238, 80.7979



91.7450, 95.9129, 108.2853



67.7427, 73.0030, 81.7558



19.6718, 20.5721, 23.1839



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.



65.1184, 67.3238, 80.7979



85.3875, 88.0593, 107.1045



66.8420, 68.2123, 80.8785



13.7465, 14.1479, 17.3940



8.0223, 3.2310, 41.2492



0.5932, 0.2431, 2.8609

Inverse Universe

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



68.3025, 68.9809, 80.2393



90.1579, 90.5421, 106.2632



67.9108, 73.5924, 73.5796



14.5923, 14.5881, 17.2442



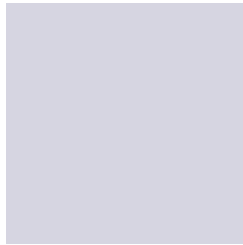
24.3558, 11.8093, 34.8689



1.7029, 0.8244, 2.4944

Previews

White Background



This preview shows how the XYZ color 65.1164, 67.3209, 80.7964 looks on a white background.

Color Contrast Check

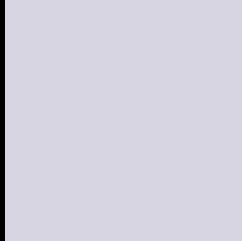
Large Text (above 18pt) WCAG AA × Fail

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 65.1164, 67.3209, 80.7964 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

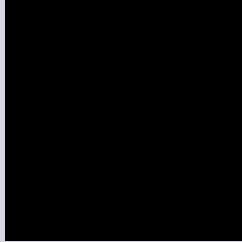
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

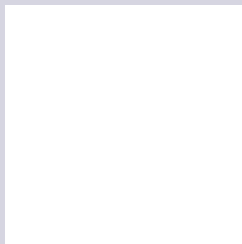
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 65.1164, 67.3209, 80.7964

Background



This preview shows how black text looks on a background with the XYZ color 65.1164, 67.3209, 80.7964.

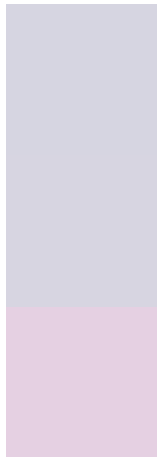


This preview shows how white text looks on a background with the XYZ color 65.1164, 67.3209,

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

65.1164, 67.3209, 80.7964

Protanopia

65.4092, 67.4718, 80.8101

Deuteranopia

68.5964, 67.2608, 81.3187



Tritanopia

65.7107, 67.1912, 83.6346

Trichromacy



Original Color

65.1164, 67.3209, 80.7964

Protanomaly

65.4092, 67.4718, 80.8101

Deuteranomaly

67.5145, 67.4315, 81.4087

Tritanomaly

65.5714, 67.1355, 82.9012

Monochromacy



Original Color

65.1164, 67.3209, 80.7964

Achromatopsia

64.5905, 67.9542, 74.0022

Achromatomaly

64.8571, 67.6547, 76.6582

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.1164, 67.3209, 80.7964 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(214, 213, 225) looks like.

```
.text, #text, p{  
    color:rgb(214, 213, 225)  
}
```

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(214, 213, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 213, 225) }
```

Border

The CSS property to change the border of an element to XYZ 65.1164, 67.3209, 80.7964 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(214, 213, 225) }
```


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

```
.border{ border-color:rgb(214, 213, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 213, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 213, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 213, 225);  
box-shadow:4px 4px 4px 4px rgb(214, 213,  
225) }
```

Background

The CSS property to change the background color of an element to XYZ 65.1164, 67.3209, 80.7964 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 213, 225) }
```

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

```
.background{ background-color: rgb(214,  
213, 225) }
```

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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