

Converting Colors

XYZ(65.4063, 67.6729, 80.6249)

Have a look what the booklet for
XYZ(65.4063, 67.6729, 80.6249)
contains.

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Color

**XYZ(65.6615, 67.9765,
80.8942)**

Conversions

Conversions Part 1

Format	Color
Hex	D7D6E1
RGB	215, 214, 225
RGB Percent	84%, 84%, 88%
CMY	0.1569, 0.1608, 0.1176
CMYK	0.04, 0.05, 0.00, 0.12
HSL	245°, 15%, 86%
HSV	245°, 5%, 88%
XYZ	65.6615, 67.9765, 80.8942
YIQ	215.5530, -2.9350, 3.6330

Conversions

Conversions Part 2

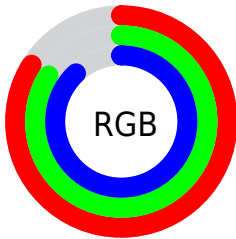
Format	Color
R _Y B	215, 214, 225
Decimal	14145249
CIE Lab	85.99, 2.37, -5.29
CIE LCh	86, 5.796, 294.169
Yxy	67.9765, 0.3061, 0.3169
Android (android.graphics.Color)	4292335329 (0xFFD7D6E1)
YUV	215.5530, 4.6574, -0.4850
Hunter-Lab	82.4479, -2.1263, -0.4592

Details

The XYZ color **65.6615, 67.9765, 80.8942** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **69.8059, 74.5546, 74.3331**, and the grayscale version is **64.9388, 68.3206, 74.4012**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **34.1510, 35.1721, 43.0192** is the 20% darker color. If you saturate the color by 10%, you get **54.7189, 54.4595, 78.8629**, and if you desaturate by 10%, it is **78.1460, 83.4597, 83.2258**.

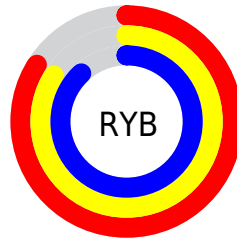
Distribution



Red (84%)

Green (84%)

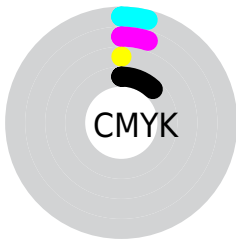
Blue (88%)



Red (84%)

Yellow (84%)

Blue (88%)

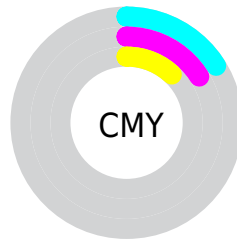


Cyan (4%)

Magenta (5%)

Yellow (0%)

Black (12%)



Cyan (16%)

Magenta (16%)

Yellow (12%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.6615, 67.9765, 80.8942 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 65.6615, 67.9765, 80.8942 by changing the saturation by 10% instead.

■ 65.6615, 67.9765,
80.8942

■ 65.6615, 67.9765,
80.8942

434.6731,
453.4127, 517.7273

■ 48.2644, 49.8786,
59.9240

112.0608,
116.3185, 136.4449

■ 34.2484, 35.3170,
42.9325

141.7936,
147.3315, 171.8625

■ 23.2483, 23.9071,
29.5011

176.3691,
183.4182, 212.9330

■ 14.8987, 15.2647,
19.2114

216.1525,
224.9631, 260.0749

■ 8.8341, 9.0054,
11.6448

261.5093,
272.3507, 313.7067

■ 4.6894, 4.7447,
6.3827

312.8047,

■ 2.0991, 2.0983,

325.9652, 374.2470

3.0066

370.4042,
386.1911, 442.1144

■ 0.6887, 0.6636,
1.0980

■ 0.0000, 0.0000,
0.0000

■ 65.6615, 67.9765,
80.8942

■ 65.6615, 67.9765,
80.8942

■ 54.7189, 54.4595,
78.8629

■ 78.1460, 83.4597,
83.2258

■ 45.2527, 42.8218,
77.1155

■ 90.5908, 98.2163,
85.4182

■ 37.2013, 32.9826,
75.6407

■ 30.4965, 24.8520,
74.4248

■ 25.0644, 18.3324,
73.4527

■ 20.8240, 13.3162,
72.7079

■ 17.6850, 9.6827,
72.1720

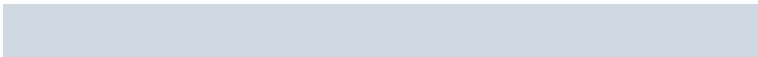
■ 15.5438, 7.2925,
71.8235

■ 14.2768, 5.9763,
71.6363

Harmonies

Analogous

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



64.3504, 67.9765, 81.5364



65.6615, 67.9765, 80.8942



66.7035, 67.9765, 78.3820

Triad

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



65.6615, 67.9765, 80.8942



66.1170, 67.9765, 68.2388



62.1008, 67.9765, 73.2739

Complementary

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



65.6615, 67.9765, 80.8942



69.8059, 74.5546, 74.3331

Split Complementary

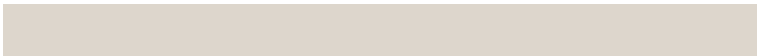
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



62.5600, 67.9765, 69.8130



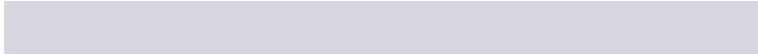
65.6615, 67.9765, 80.8942



64.8696, 67.9765, 66.9707

Square

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



65.6615, 67.9765, 80.8942



66.9690, 67.9765, 71.0588



63.5690, 67.9765, 67.5370



62.3063, 67.9765, 77.0518

Rectangle

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



65.6615, 67.9765, 80.8942



67.0993, 67.9765, 76.0292



63.5690, 67.9765, 67.5370



62.1823, 67.9765, 72.0364

Sweetspot

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



65.6635, 67.9794, 80.8957



93.3939, 97.9466, 108.5909



68.0024, 73.0903, 81.7589



20.0076, 20.9862, 23.2462



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.



65.6635, 67.9794, 80.8957



85.4269, 88.0796, 107.1063



67.2811, 68.8133, 80.9714



13.7535, 14.1515, 17.3943



8.0442, 3.2423, 41.2502



0.5978, 0.2455, 2.8611

Inverse Universe

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



68.5549, 69.4856, 80.3235



90.1394, 90.5347, 106.1660



68.1532, 73.7026, 74.2558



14.5890, 14.5868, 17.2269



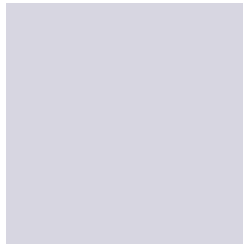
24.2391, 11.7626, 34.2542



1.6960, 0.8217, 2.4580

Previews

White Background



This preview shows how the XYZ color 65.6615, 67.9765, 80.8942 looks on a white background.

Color Contrast Check

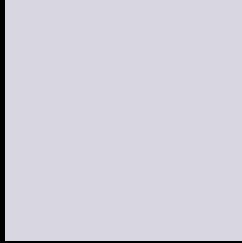
Large Text (above 18pt) WCAG AA × Fail

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 65.6615, 67.9765, 80.8942 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

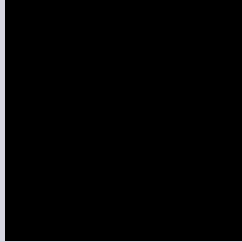
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

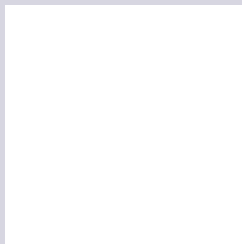
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 65.6615, 67.9765, 80.8942

Background



This preview shows how black text looks on a background with the XYZ color 65.6615, 67.9765, 80.8942.

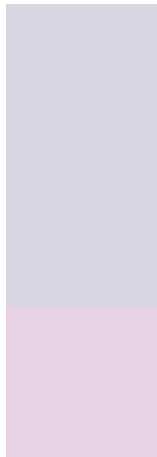


This preview shows how white text looks on a background with the XYZ color 65.6615, 67.9765,

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

65.6615, 67.9765, 80.8942

Protanopia

65.9561, 68.1283, 80.9080

Deuteranopia

69.4829, 68.0808, 81.4303



Tritanopia

66.3961, 67.9006, 84.4696

Trichromacy



Original Color

65.6615, 67.9765, 80.8942

Protanomaly

65.9561, 68.1283, 80.9080

Deuteranomaly

68.0731, 68.0871, 81.5058

Tritanomaly

66.1167, 67.7889, 82.9986

Monochromacy



Original Color

65.6615, 67.9765, 80.8942

Achromatopsia

65.2694, 68.6685, 74.7800

Achromatomaly

65.4055, 68.3143, 76.7566

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.6615, 67.9765, 80.8942 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(215, 214, 225) looks like.

```
.text, #text, p{  
    color:rgb(215, 214, 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(215, 214, 225) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 214, 225) }
```

Border

The CSS property to change the border of an element to XYZ 65.6615, 67.9765, 80.8942 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(215, 214, 225) }
```


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

```
.border{ border-color:rgb(215, 214, 225) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 214, 225)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 214, 225); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 214, 225);  
box-shadow:4px 4px 4px 4px rgb(215, 214,  
225) }
```

Background

The CSS property to change the background color of an element to XYZ 65.6615, 67.9765, 80.8942 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 214, 225) }
```

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

```
.background{ background-color: rgb(215,  
214, 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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