

Converting Colors

XYZ(65.0777, 63.7755, 89.9711)

Have a look what the booklet for
XYZ(65.0777, 63.7755, 89.9711)
contains.

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Color

**XYZ(65.0498, 63.8059,
89.7762)**

Conversions

Conversions Part 1

Format	Color
Hex	D7CCEE
RGB	215, 204, 238
RGB Percent	84%, 80%, 93%
CMY	0.1569, 0.2000, 0.0667
CMYK	0.10, 0.14, 0.00, 0.07
HSL	259°, 50%, 87%
HSV	259°, 14%, 93%
XYZ	65.0498, 63.8059, 89.7762
YIQ	211.1650, -4.3580, 12.9060

Conversions

Conversions Part 2

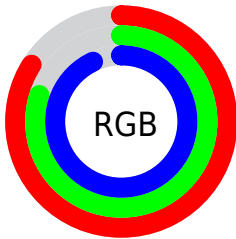
Format	Color
R _Y B	215, 204, 238
Decimal	14142702
CIE Lab	83.86, 10.18, -15.36
CIE LCh	84, 18.427, 303.527
Yxy	63.8059, 0.2975, 0.2918
Android (android.graphics.Color)	4292332782 (0xFFD7CCEE)
YUV	211.1650, 13.2297, 3.3633
Hunter-Lab	79.8786, 5.5754, -10.7215

Details

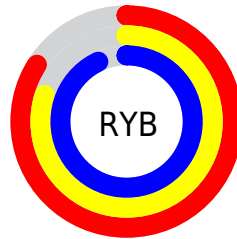
The XYZ color **65.0498, 63.8059, 89.7762** is a light color, and the websafe version is hex **CCCCFF**. A complement of this color would be **73.1546, 81.8413, 69.0712**, and the grayscale version is **61.9449, 65.1709, 70.9711**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **33.8470, 32.6637, 48.7768** is the 20% darker color. If you saturate the color by 10%, you get **55.3222, 51.0269, 87.8233**, and if you desaturate by 10%, it is **76.1110, 78.5589, 92.0418**.

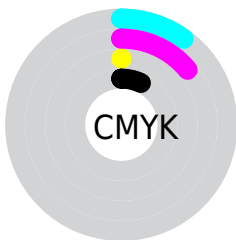
Distribution



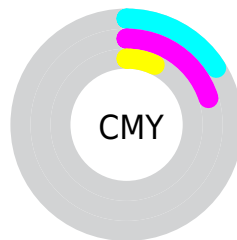
- Red (84%)
- Green (80%)
- Blue (93%)



- Red (84%)
- Yellow (80%)
- Blue (93%)



- Cyan (10%)
- Magenta (14%)
- Yellow (0%)
- Black (7%)



- Cyan (16%)
- Magenta (20%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 65.0498, 63.8059, 89.7762 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 65.0498, 63.8059, 89.7762 by changing the saturation by 10% instead.

65.0498, 63.8059,
89.7762

65.0498, 63.8059,
89.7762

432.5133,
438.4884, 547.8539

47.7663, 46.4935,
67.2224

111.1868,
110.3314, 148.9603

33.8523, 32.6354,
48.8026

140.7709,
140.3132, 186.4276

22.9425, 21.8473,
34.0984

175.1861,
175.2869, 229.7032

14.6715, 13.7447,
22.6913

214.7975,
215.6370, 279.2056

8.6740, 7.9433,
14.1626

259.9706,
261.7478, 335.3533

4.5846, 4.0587,
8.0938

311.0707,

2.0379, 1.7065,

314.0037, 398.5649

4.0664

368.4631,
372.7891, 469.2589

■ 0.6551, 0.4278,
1.6618

■ 0.0000, 0.0000,
0.3344

■ 65.0498, 63.8059,
89.7762

■ 65.0498, 63.8059,
89.7762

■ 55.3222, 51.0269,
87.8233

■ 76.1110, 78.5589,
92.0418

■ 46.8699, 40.1288,
86.1652

■ 88.5494, 95.3577,
94.6287

■ 39.6388, 31.0227,
84.7887

■ 92.4328, 98.9531,
95.1180

■ 33.5682, 23.6094,
83.6778

■ 28.5922, 17.7799,
82.8148

■ 24.6372, 13.4116,
82.1801

■ 21.6196, 10.3634,
81.7508

■ 19.4398, 8.4641,
81.4991

■ 18.4923, 7.7503,
81.4112

Harmonies

Analogous

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



61.1260, 63.8059, 94.1994



65.0498, 63.8059, 89.7762



67.8878, 63.8059, 79.8989

Triad

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



65.0498, 63.8059, 89.7762



64.1841, 63.8059, 51.3591



53.1994, 63.8059, 70.8549

Complementary

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



65.0498, 63.8059, 89.7762



73.1546, 81.8413, 69.0712

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.



53.9377, 63.8059, 59.9974



65.0498, 63.8059, 89.7762



60.1678, 63.8059, 49.5042

Square

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



65.0498, 63.8059, 89.7762



67.3726, 63.8059, 57.8679



56.4448, 63.8059, 52.4891



54.3820, 63.8059, 82.5361

Rectangle

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



65.0498, 63.8059, 89.7762



68.7181, 63.8059, 72.0189



56.4448, 63.8059, 52.4891



53.2314, 63.8059, 66.9893

Sweetspot

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



65.0517, 63.8086, 89.7776



89.3886, 92.3785, 107.7273



67.8696, 74.0785, 91.6114



18.9112, 19.4753, 23.0123



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.



65.0517, 63.8086, 89.7776



72.7675, 70.2480, 104.3317



70.2305, 66.4783, 90.0200



15.3787, 15.4769, 19.8984



10.4366, 4.3857, 45.4243



0.9685, 0.4165, 3.7836

Inverse Universe

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



70.7201, 66.9118, 81.8642



80.5699, 74.5217, 93.3391



68.1207, 79.2462, 68.8356



16.2241, 15.9394, 18.7363



23.3229, 11.6016, 20.1488



1.9856, 0.9833, 1.9149

Previews

White Background



This preview shows how the XYZ color 65.0498, 63.8059, 89.7762 looks on a white background.

Color Contrast Check

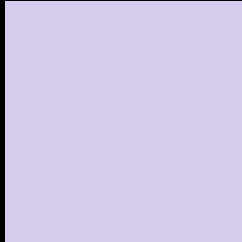
Large Text (above 18pt) WCAG AA × Fail

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 65.0498, 63.8059, 89.7762 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

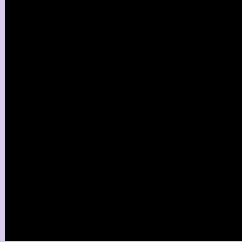
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 65.0498, 63.8059, 89.7762

Background



This preview shows how black text looks on a background with the XYZ color 65.0498, 63.8059, 89.7762.



This preview shows how white text looks on a background with the XYZ color 65.0498, 63.8059,

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

65.0498, 63.8059, 89.7762

Protanopia

62.6696, 63.6134, 91.4137

Deuteranopia

65.3444, 63.9577, 89.7900



Tritanopia

63.0727, 64.0995, 78.8602

Trichromacy



Original Color

65.0498, 63.8059, 89.7762

Protanomaly

63.3834, 63.6400, 90.6044

Deuteranomaly

65.3444, 63.9577, 89.7900

Tritanomaly

63.8065, 64.0402, 82.3968

Monochromacy



Original Color

65.0498, 63.8059, 89.7762

Achromatopsia

61.9161, 65.1406, 70.9381

Achromatomaly

62.7584, 64.3293, 77.5157

CSS Examples

Text

The CSS property to change the color of the text to XYZ 65.0498, 63.8059, 89.7762 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, 204, 238)` looks like.

```
.text, #text, p{  
    color:rgb(215, 204, 238)  
}
```

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, 204, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 204, 238) }
```

Border

The CSS property to change the border of an element to XYZ 65.0498, 63.8059, 89.7762 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, 204, 238) }
```


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

```
.border{ border-color:rgb(215, 204, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 204, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 204, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 204, 238);  
box-shadow:4px 4px 4px 4px rgb(215, 204,  
238) }
```

Background

The CSS property to change the background color of an element to XYZ 65.0498, 63.8059, 89.7762 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 204, 238) }
```

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

```
.background{ background-color: rgb(215,  
204, 238) }
```

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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