

Converting Colors

XYZ(58.0723, 58.4711, 69.6695)

Have a look what the booklet for
XYZ(58.0723, 58.4711, 69.6695)
contains.

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Color

**XYZ(58.2465, 58.6466,
69.8780)**

Conversions

Conversions Part 1

Format	Color
Hex	D1C6D3
RGB	209, 198, 211
RGB Percent	82%, 78%, 83%
CMY	0.1804, 0.2235, 0.1725
CMYK	0.01, 0.06, 0.00, 0.17
HSL	291°, 13%, 80%
HSV	291°, 6%, 83%
XYZ	58.2465, 58.6466, 69.8780
YIQ	202.7710, 2.3830, 6.3750

Conversions

Conversions Part 2

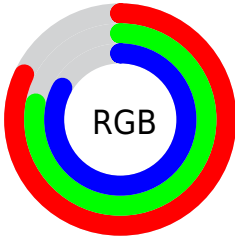
Format	Color
R _Y B	209, 198, 211
Decimal	13747923
CIE Lab	81.10, 6.18, -5.11
CIE LCh	81, 8.014, 320.427
Yxy	58.6466, 0.3119, 0.3140
Android (android.graphics.Color)	4291938003 (0xFFD1C6D3)
YUV	202.7710, 4.0569, 5.4628
Hunter-Lab	76.5811, 1.7478, -0.4937

Details

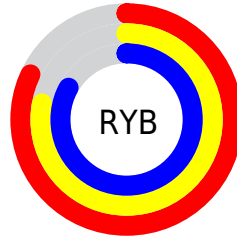
The XYZ color **58.2465, 58.6466, 69.8780** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.3088, 62.9466, 62.5584**, and the grayscale version is **56.5969, 59.5443, 64.8438**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **29.5766, 29.3494, 36.0044** is the 20% darker color. If you saturate the color by 10%, you get **52.8471, 49.1967, 68.3394**, and if you desaturate by 10%, it is **64.3399, 69.4549, 71.6439**.

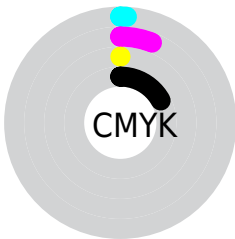
Distribution



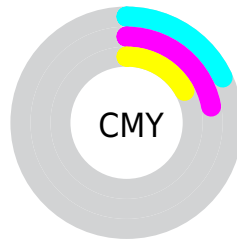
- Red (82%)
- Green (78%)
- Blue (83%)



- Red (82%)
- Yellow (78%)
- Blue (83%)



- Cyan (1%)
- Magenta (6%)
- Yellow (0%)
- Black (17%)



- Cyan (18%)
- Magenta (22%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.2465, 58.6466, 69.8780 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 58.2465, 58.6466, 69.8780 by changing the saturation by 10% instead.

■ 58.2465, 58.6466,
69.8780

■ 58.2465, 58.6466,
69.8780

408.0429,
419.5910, 478.8991

■ 42.2509, 42.3287,
50.9509

101.4026,
102.8639, 120.7142

■ 29.4898, 29.3588,
35.7931

129.2939,
131.5320, 153.4605

■ 19.5978, 19.3524,
23.9860

161.8810,
165.0857, 191.6501

■ 12.2096, 11.9252,
15.1111

199.5294,
203.9093, 235.7018

■ 6.9598, 6.6927,
8.7499

242.6045,
248.3873, 286.0339

■ 3.4831, 3.2707,
4.4839

291.4715,

■ 1.4141, 1.2746,

298.9039, 343.0652

1.8944

346.4958,
355.8437, 407.2141

■ 0.2662, 0.1214,
0.4891

■ 0.0000, 0.0000,
0.0000

■ 58.2465, 58.6466,
69.8780

■ 58.2465, 58.6466,
69.8780

■ 52.8471, 49.1967,
68.3394

■ 64.3399, 69.4549,
71.6439

■ 48.1088, 41.0423,
67.0152

■ 71.1483, 81.6662,
73.6421

■ 44.0038, 34.1269,
65.8968

■ 76.6535, 91.2431,
75.2005

■ 40.5000, 28.3867,
64.9735

■ 77.6383, 91.7508,
75.2466

37.5628, 23.7524,
64.2338

78.6422, 92.2683,
75.2936

35.1535, 20.1472,
63.6649

79.6653, 92.7958,
75.3414

33.2289, 17.4844,
63.2523

80.7079, 93.3332,
75.3902

31.7383, 15.6631,
62.9794

81.7699, 93.8807,
75.4399

30.6183, 14.5566,
62.8248

82.8514, 94.4382,
75.4905

Harmonies

Analogous

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



56.8668, 58.6466, 72.8408



58.2465, 58.6466, 69.8780



58.9591, 58.6466, 65.3934

Triad

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



58.2465, 58.6466, 69.8780



56.2760, 58.6466, 55.2340



52.7948, 58.6466, 67.1104

Complementary

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



58.2465, 58.6466, 69.8780



57.3088, 62.9466, 62.5584

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.



52.6438, 58.6466, 62.3433



58.2465, 58.6466, 69.8780



54.6318, 58.6466, 55.6425

Square

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



58.2465, 58.6466, 69.8780



57.8066, 58.6466, 57.0454



53.3100, 58.6466, 58.1906



53.7268, 58.6466, 71.1885

Rectangle

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



58.2465, 58.6466, 69.8780



58.9505, 58.6466, 62.2109



53.3100, 58.6466, 58.1906



52.6517, 58.6466, 65.5302

Sweetspot

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



58.2482, 58.6491, 69.8793



93.1565, 96.6406, 108.3514



55.7419, 58.0974, 69.9049



19.9592, 20.7202, 23.1974



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.



58.2482, 58.6491, 69.8793



88.6145, 88.6181, 107.0423



58.2816, 58.7282, 67.0835



12.3503, 12.3096, 14.9687



18.3211, 8.6252, 37.8917



1.0738, 0.5077, 2.1210

Inverse Universe

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



57.4853, 58.4098, 62.8906



87.2804, 88.2004, 94.7815



57.2852, 62.8758, 65.2035



12.1526, 12.2477, 13.1487



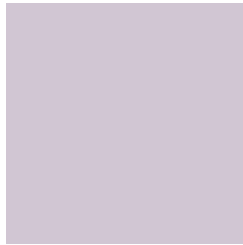
16.3977, 8.4319, 1.7343



0.9409, 0.4811, 0.2235

Previews

White Background



This preview shows how the XYZ color 58.2465, 58.6466, 69.8780 looks on a white background.

Color Contrast Check

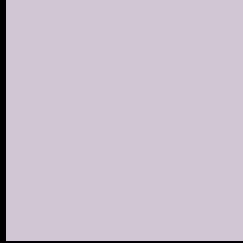
Large Text (above 18pt) WCAG AA × Fail

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 58.2465, 58.6466, 69.8780 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

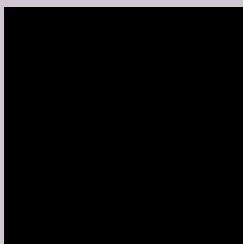
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

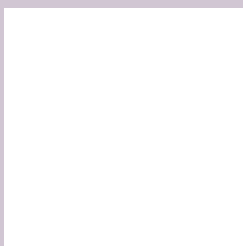
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 58.2465, 58.6466, 69.8780

Background



This preview shows how black text looks on a background with the XYZ color 58.2465, 58.6466, 69.8780.



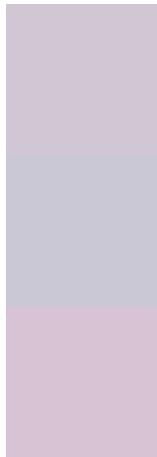
This preview shows how white text looks on a background with the XYZ color 58.2465, 58.6466,

69.8780.

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

58.2465, 58.6466, 69.8780

Protanopia

56.8951, 58.6186, 70.6032

Deuteranopia

59.7177, 58.3826, 70.4089



Tritanopia

58.4988, 58.7476, 71.2070

Trichromacy



Original Color

58.2465, 58.6466, 69.8780

Protanomaly

57.4839, 58.5794, 70.5646

Deuteranomaly

59.0642, 58.3795, 70.4427

Tritanomaly

58.3722, 58.6969, 70.5404

Monochromacy



Original Color

58.2465, 58.6466, 69.8780

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

57.2041, 59.2087, 66.8060

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.2465, 58.6466, 69.8780 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(209, 198, 211) looks like.

```
.text, #text, p{  
    color:rgb(209, 198, 211)  
}
```

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(209, 198, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 198, 211) }
```

Border

The CSS property to change the border of an element to XYZ 58.2465, 58.6466, 69.8780 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(209, 198, 211) }
```


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

```
.border{ border-color:rgb(209, 198, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 198, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 198, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 198, 211);  
box-shadow:4px 4px 4px 4px rgb(209, 198,  
211) }
```

Background

The CSS property to change the background color of an element to XYZ 58.2465, 58.6466, 69.8780 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 198, 211) }
```

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

```
.background{ background-color: rgb(209,  
198, 211) }
```

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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