

Converting Colors

XYZ(58.0411, 58.5128, 69.2862)

Have a look what the booklet for
XYZ(58.0411, 58.5128, 69.2862)
contains.

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Color

**XYZ(58.1214, 58.5966,
69.2197)**

Conversions

Conversions Part 1

Format	Color
Hex	D1C6D2
RGB	209, 198, 210
RGB Percent	82%, 78%, 82%
CMY	0.1804, 0.2235, 0.1765
CMYK	0.00, 0.06, 0.00, 0.18
HSL	295°, 12%, 80%
HSV	295°, 6%, 82%
XYZ	58.1214, 58.5966, 69.2197
YIQ	202.6570, 2.7040, 6.0640

Conversions

Conversions Part 2

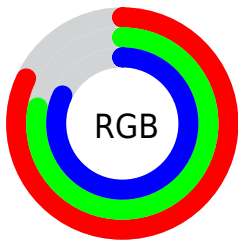
Format	Color
R _Y B	209, 198, 210
Decimal	13747922
CIE Lab	81.07, 5.99, -4.61
CIE LCh	81, 7.559, 322.429
Yxy	58.5966, 0.3126, 0.3151
Android (android.graphics.Color)	4291938002 (0xFFD1C6D2)
YUV	202.6570, 3.6201, 5.5628
Hunter-Lab	76.5484, 1.5711, -0.0297

Details

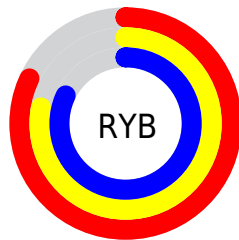
The XYZ color **58.1214, 58.5966, 69.2197** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.7950, 62.3141, 62.4635**, and the grayscale version is **56.5279, 59.4718, 64.7648**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **29.4916, 29.3154, 35.5565** is the 20% darker color. If you saturate the color by 10%, you get **53.1583, 49.4009, 67.7072**, and if you desaturate by 10%, it is **63.7588, 69.1311, 70.9568**.

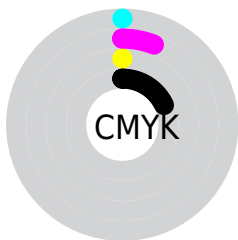
Distribution



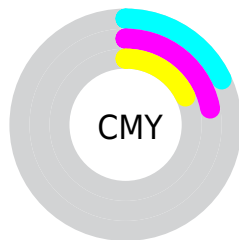
- Red (82%)
- Green (78%)
- Blue (82%)



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



- Cyan (0%)
- Magenta (6%)
- Yellow (0%)
- Black (18%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.1214, 58.5966, 69.2197 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 58.1214, 58.5966, 69.2197 by changing the saturation by 10% instead.

■ 58.1214, 58.5966,
69.2197

■ 58.1214, 58.5966,
69.2197

407.5847,
419.4053, 476.5204

■ 42.1499, 42.2885,
50.4178

101.2216,
102.7911, 119.7660

■ 29.4103, 29.3272,
35.3720

129.0810,
131.4463, 152.3474

■ 19.5373, 19.3285,
23.6637

161.6337,
164.9860, 190.3591

■ 12.1654, 11.9079,
14.8745

199.2451,
203.7945, 234.2196

■ 6.9294, 6.6810,
8.5857

242.2805,
248.2564, 284.3474

■ 3.4640, 3.2634,
4.3788

291.1054,

■ 1.4036, 1.2707,

298.7558, 341.1612

1.8354

346.0850,
355.6774, 405.0793

■ 0.2588, 0.1184,
0.4511

■ 0.0000, 0.0000,
0.0000

■ 58.1214, 58.5966,
69.2197

■ 58.1214, 58.5966,
69.2197

■ 53.1583, 49.4009,
67.7072

■ 63.7588, 69.1311,
70.9568

■ 48.8373, 41.4821,
66.4065

■ 70.0911, 81.0483,
72.9233

■ 45.1309, 34.7844,
65.3090

■ 75.1985, 90.5075,
74.4799

■ 42.0077, 29.2452,
64.4045

■ 75.7130, 90.7727,
74.5040

39.4336, 24.7962,
63.6814

76.2330, 91.0408,
74.5283

37.3708, 21.3620,
63.1272

76.7586, 91.3117,
74.5529

35.7768, 18.8574,
62.7278

77.2896, 91.5855,
74.5778

34.6022, 17.1836,
62.4667

77.8263, 91.8621,
74.6029

33.7858, 16.2185,
62.3234

78.3685, 92.1417,
74.6283

Harmonies

Analogous

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



56.8541, 58.5966, 72.1314



58.1214, 58.5966, 69.2197



58.7407, 58.5966, 64.9475

Triad

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



58.1214, 58.5966, 69.2197



56.0930, 58.5966, 55.6096



52.9503, 58.5966, 67.1575

Complementary

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



58.1214, 58.5966, 69.2197



56.7950, 62.3141, 62.4635

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.



52.7552, 58.5966, 62.6695



58.1214, 58.5966, 69.2197



54.5504, 58.5966, 56.1393

Square

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



58.1214, 58.5966, 69.2197



57.5553, 58.5966, 57.1917



53.3357, 58.5966, 58.6741



53.8739, 58.5966, 70.9024

Rectangle

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



58.1214, 58.5966, 69.2197



58.6946, 58.5966, 61.9589



53.3357, 58.5966, 58.6741



52.7980, 58.5966, 65.6807

Sweetspot

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



58.1231, 58.5991, 69.2210



93.2883, 96.7085, 108.3575



55.3935, 57.6007, 69.1721



19.9860, 20.7341, 23.1987



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.



58.1231, 58.5991, 69.2210



89.0723, 88.8541, 107.0637



57.8179, 58.5098, 66.1322



12.4184, 12.3447, 14.9719



20.4738, 9.7349, 37.9924



1.1741, 0.5594, 2.1257

Inverse Universe

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



57.0833, 58.2160, 62.2640



87.0942, 88.1259, 93.8009



57.0930, 62.4027, 65.4130



12.1251, 12.2367, 13.0036



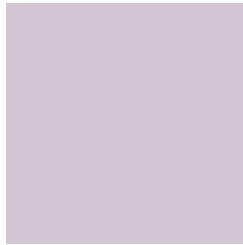
16.2919, 8.3896, 1.1772



0.9251, 0.4748, 0.1405

Previews

White Background



This preview shows how the XYZ color 58.1214, 58.5966, 69.2197 looks on a white background.

Color Contrast Check

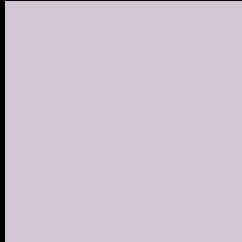
Large Text (above 18pt) WCAG AA × Fail

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 58.1214, 58.5966, 69.2197 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

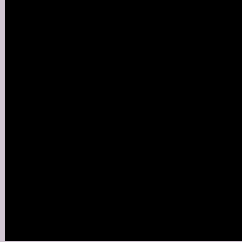
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

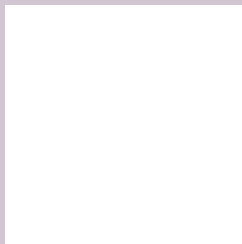
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 58.1214, 58.5966, 69.2197

Background



This preview shows how black text looks on a background with the XYZ color 58.1214, 58.5966, 69.2197.



This preview shows how white text looks on a background with the XYZ color 58.1214, 58.5966,

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

58.1214, 58.5966, 69.2197

Protanopia

56.7693, 58.5683, 69.9408

Deuteranopia

59.8882, 58.4851, 69.7603



Tritanopia

58.4988, 58.7476, 71.2070

Trichromacy



Original Color

58.1214, 58.5966, 69.2197

Protanomaly

57.3581, 58.5291, 69.9022

Deuteranomaly

59.2294, 58.4791, 69.7939

Tritanomaly

58.3722, 58.6969, 70.5404

Monochromacy



Original Color

58.1214, 58.5966, 69.2197

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 58.1214, 58.5966, 69.2197 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, 210)` looks like.

```
.text, #text, p{  
    color:rgb(209, 198, 210)  
}
```

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, 210) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 198, 210) }
```

Border

The CSS property to change the border of an element to XYZ 58.1214, 58.5966, 69.2197 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, 210) }
```


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

```
.border{ border-color:rgb(209, 198, 210) }
```

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, 210)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 198, 210); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 198, 210);  
box-shadow:4px 4px 4px 4px rgb(209, 198,  
210) }
```

Background

The CSS property to change the background color of an element to XYZ 58.1214, 58.5966, 69.2197 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, 210) }
```

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

```
.background{ background-color: rgb(209,  
198, 210) }
```

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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