

Converting Colors

XYZ(58.1212, 58.1435, 69.9755)

Have a look what the booklet for
XYZ(58.1212, 58.1435, 69.9755)
contains.

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Color

**XYZ(58.0186, 58.1910,
69.8021)**

Conversions

Conversions Part 1

Format	Color
Hex	D1C5D3
RGB	209, 197, 211
RGB Percent	82%, 77%, 83%
CMY	0.1804, 0.2274, 0.1725
CMYK	0.01, 0.07, 0.00, 0.17
HSL	291°, 14%, 80%
HSV	291°, 7%, 83%
XYZ	58.0186, 58.1910, 69.8021
YIQ	202.1840, 2.6580, 6.8980

Conversions

Conversions Part 2

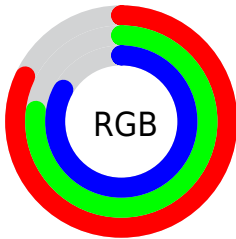
Format	Color
R_{YB}	209, 197, 211
Decimal	13747667
CIE _{Lab}	80.84, 6.71, -5.48
CIE _{LCh}	81, 8.661, 320.771
Yxy	58.1910, 0.3119, 0.3128
Android (android.graphics.Color)	4291937747 (0xFFD1C5D3)
YUV	202.1840, 4.3463, 5.9776
Hunter-Lab	76.2830, 2.2665, -0.8547

Details

The XYZ color **58.0186, 58.1910, 69.8021** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.9278, 62.7635, 61.9405**, and the grayscale version is **56.2279, 59.1561, 64.4210**.

A 20% lighter version of the original color is **94.7318, 99.3636, 108.7939**, and **29.4258, 29.0478, 35.9542** is the 20% darker color. If you saturate the color by 10%, you get **52.7144, 48.8364, 68.2769**, and if you desaturate by 10%, it is **64.0129, 68.9001, 71.5541**.

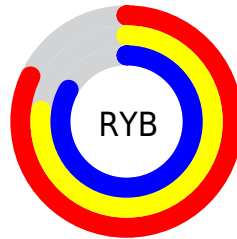
Distribution



Red (82%)

Green (77%)

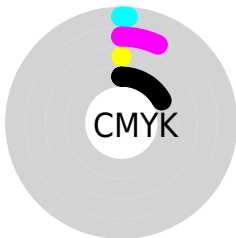
Blue (83%)



Red (82%)

Yellow (77%)

Blue (83%)

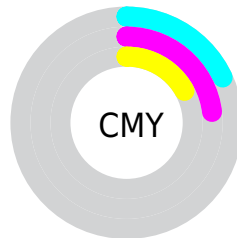


Cyan (1%)

Magenta (7%)

Yellow (0%)

Black (17%)



Cyan (18%)

Magenta (23%)

Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.0186, 58.1910, 69.8021 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 58.0186, 58.1910, 69.8021 by changing the saturation by 10% instead.

■ 58.0186, 58.1910,
69.8021

■ 58.0186, 58.1910,
69.8021

407.2080,
417.8973, 478.6252

■ 42.0669, 41.9622,
50.8894

101.0728,
102.2009, 120.6050

■ 29.3450, 29.0717,
35.7445

128.9059,
130.7509, 153.3322

■ 19.4876, 19.1351,
23.9488

161.4303,
164.1767, 191.5014

■ 12.1292, 11.7679,
15.0838

199.0113,
202.8628, 235.5310

■ 6.9046, 6.5859,
8.7309

242.0142,
247.1934, 285.8397

■ 3.4483, 3.2045,
4.4717

290.8044,

■ 1.3950, 1.2394,

297.5532, 342.8459

1.8875

345.7472,
354.3263, 406.9682

■ 0.2527, 0.0935,
0.4848

■ 0.0000, 0.0000,
0.0000

■ 58.0186, 58.1910,
69.8021

■ 58.0186, 58.1910,
69.8021

■ 52.7144, 48.8364,
68.2769

■ 64.0129, 68.9001,
71.5541

■ 48.0676, 40.7734,
66.9655

■ 70.7183, 81.0084,
73.5378

■ 44.0499, 33.9451,
65.8593

■ 76.4455, 91.1359,
75.1908

■ 40.6295, 28.2877,
64.9476

■ 77.3558, 91.6051,
75.2334

37.7713, 23.7313,
64.2187

78.2825, 92.0829,
75.2767

35.4368, 20.1990,
63.6600

79.2258, 92.5692,
75.3209

33.5822, 17.6033,
63.2567

80.1858, 93.0641,
75.3658

32.1566, 15.8427,
62.9920

81.1625, 93.5676,
75.4115

31.0945, 14.7860,
62.8440

82.1561, 94.0798,
75.4580

Harmonies

Analogous

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



56.5387, 58.1910, 73.0329



58.0186, 58.1910, 69.8021



58.7769, 58.1910, 64.9545

Triad

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



58.0186, 58.1910, 69.8021



55.8628, 58.1910, 54.1182



52.1520, 58.1910, 66.9213

Complementary

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



58.0186, 58.1910, 69.8021



56.9278, 62.7635, 61.9405

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.



51.9799, 58.1910, 61.7920



58.0186, 58.1910, 69.8021



54.0969, 58.1910, 54.5815

Square

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



58.0186, 58.1910, 69.8021



57.5147, 58.1910, 56.0256



52.6847, 58.1910, 57.3272



53.1601, 58.1910, 71.3083

Rectangle

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



58.0186, 58.1910, 69.8021



58.7601, 58.1910, 61.5353



52.6847, 58.1910, 57.3272



51.9953, 58.1910, 65.2206

Sweetspot

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



58.0203, 58.1935, 69.8034



93.1769, 96.6511, 108.3523



55.2328, 57.4692, 69.8105



19.9633, 20.7224, 23.1976



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.



58.0203, 58.1935, 69.8034



87.8195, 87.1192, 106.7948



57.9848, 58.2451, 66.6442



12.1378, 11.9199, 14.9047



18.6411, 8.7902, 37.9067



1.0889, 0.5155, 2.1217

Inverse Universe

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



57.1411, 57.9076, 62.2016



86.1954, 86.5925, 92.6870



56.9712, 62.7199, 64.9208



11.8766, 11.8354, 12.6259



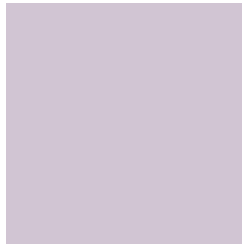
16.3778, 8.4240, 1.6297



0.9384, 0.4801, 0.2106

Previews

White Background



This preview shows how the XYZ color 58.0186, 58.1910, 69.8021 looks on a white background.

Color Contrast Check

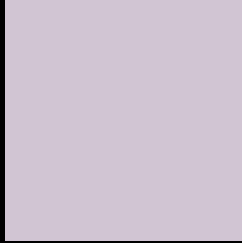
Large Text (above 18pt) WCAG AA × Fail

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 58.0186, 58.1910, 69.8021 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

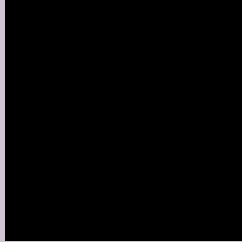
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.0186, 58.1910, 69.8021

Background



This preview shows how black text looks on a background with the XYZ color 58.0186, 58.1910, 69.8021.

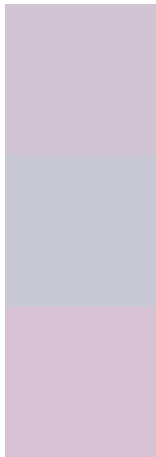


This preview shows how white text looks on a background with the XYZ color 58.0186, 58.1910,

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

58.0186, 58.1910, 69.8021

Protanopia

56.7519, 58.5302, 71.2571

Deuteranopia

59.2973, 58.1804, 69.7327



Tritanopia

58.1444, 58.2413, 70.4645

Trichromacy



Original Color

58.0186, 58.1910, 69.8021

Protanomaly

57.2089, 58.4377, 70.5517

Deuteranomaly

58.9384, 58.3291, 69.7803

Tritanomaly

58.1444, 58.2413, 70.4645

Monochromacy



Original Color

58.0186, 58.1910, 69.8021

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

56.8506, 58.6955, 66.0906

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.0186, 58.1910, 69.8021 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, 197, 211)` looks like.

```
.text, #text, p{  
    color:rgb(209, 197, 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, 197, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 197, 211) }
```

Border

The CSS property to change the border of an element to XYZ 58.0186, 58.1910, 69.8021 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, 197, 211) }
```


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

```
.border{ border-color:rgb(209, 197, 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, 197, 211) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 197, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 197, 211);  
box-shadow:4px 4px 4px 4px rgb(209, 197,  
211) }
```

Background

The CSS property to change the background color of an element to XYZ 58.0186, 58.1910, 69.8021 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 197, 211) }
```

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

```
.background{ background-color: rgb(209,  
197, 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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