

Converting Colors

XYZ(58.4444, 57.3167, 69.5715)

Have a look what the booklet for
XYZ(58.4444, 57.3167, 69.5715)
contains.

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Color

**XYZ(58.4902, 57.4329,
69.6309)**

Conversions

Conversions Part 1

Format	Color
Hex	D5C2D3
RGB	213, 194, 211
RGB Percent	84%, 76%, 83%
CMY	0.1647, 0.2392, 0.1725
CMYK	0.00, 0.09, 0.01, 0.16
HSL	306°, 18%, 80%
HSV	306°, 9%, 84%
XYZ	58.4902, 57.4329, 69.6309
YIQ	201.6190, 5.8670, 9.3150

Conversions

Conversions Part 2

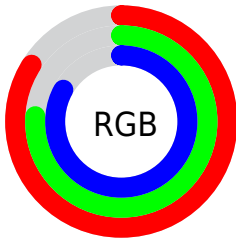
Format	Color
R _Y B	213, 194, 211
Decimal	14009043
CIE Lab	80.42, 9.68, -6.06
CIE LCh	80, 11.419, 327.922
Yxy	57.4329, 0.3152, 0.3095
Android (android.graphics.Color)	4292199123 (0xFFD5C2D3)
YUV	201.6190, 4.6248, 9.9811
Hunter-Lab	75.7845, 5.1428, -1.4266

Details

The XYZ color **58.4902, 57.4329, 69.6309** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.0084, 63.0448, 61.4445**, and the grayscale version is **55.8727, 58.7824, 64.0141**.

A 20% lighter version of the original color is **93.7872, 97.4744, 108.4791**, and **29.5644, 28.4596, 35.8333** is the 20% darker color. If you saturate the color by 10%, you get **53.8068, 48.5120, 66.6930**, and if you desaturate by 10%, it is **63.8604, 67.7193, 72.8184**.

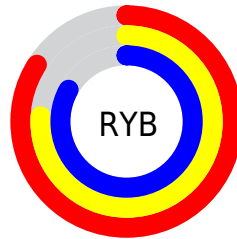
Distribution



Red (84%)

Green (76%)

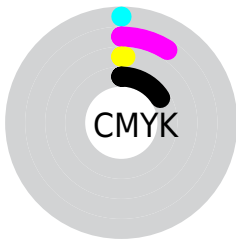
Blue (83%)



Red (84%)

Yellow (76%)

Blue (83%)

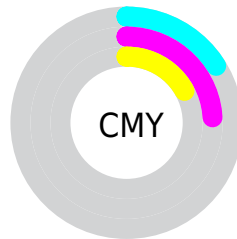


Cyan (0%)

Magenta (9%)

Yellow (1%)

Black (16%)



Cyan (16%)

Magenta (24%)

Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.4902, 57.4329, 69.6309 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 58.4902, 57.4329, 69.6309 by changing the saturation by 10% instead.

■ 58.4902, 57.4329,
69.6309

■ 58.4902, 57.4329,
69.6309

408.9345,
415.0695, 478.0070

■ 42.4477, 41.3529,
50.7507

■ 101.7552,
101.0966, 120.3584

■ 29.6446, 28.5949,
35.6349

129.7084,
129.4490, 153.0429

■ 19.7157, 18.7746,
23.8649

162.3625,
162.6611, 191.1658

■ 12.2956, 11.5075,
15.0222

200.0830,
201.1172, 235.1458

■ 7.0190, 6.4093,
8.6882

243.2350,
245.2017, 285.4014

■ 3.5204, 3.0955,
4.4443

292.1840,

■ 1.4346, 1.1818,

295.2989, 342.3511

1.8721

347.2954,
351.7934, 406.4134

■ 0.2807, 0.0468,
0.4749

■ 0.0000, 0.0000,
0.0000

■ 58.4902, 57.4329,
69.6309

■ 58.4902, 57.4329,
69.6309

■ 53.8068, 48.5120,
66.6930

■ 63.8604, 67.7193,
72.8184

■ 49.7762, 40.8915,
63.9914

■ 69.9393, 79.4177,
76.2609

■ 46.3695, 34.5123,
61.5168

■ 75.8203, 90.7141,
79.6570

■ 43.5531, 29.3077,
59.2582

■ 76.1153, 90.8321,
81.2106

41.2908, 25.2050,
57.2033

76.4143, 90.9517,
82.7852

39.5419, 22.1230,
55.3385

76.7174, 91.0729,
84.3809

38.2604, 19.9697,
53.6484

77.0244, 91.1957,
85.9978

37.3920, 18.6364,
52.1147

77.3355, 91.3201,
87.6358

36.8500, 17.9500,
50.7086

77.6506, 91.4462,
89.2952

Harmonies

Analogous

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



56.7224, 57.4329, 74.6257



58.4902, 57.4329, 69.6309



59.2094, 57.4329, 63.0032

Triad

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



58.4902, 57.4329, 69.6309



54.7516, 57.4329, 50.5207



50.7083, 57.4329, 68.7649

Complementary

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



58.4902, 57.4329, 69.6309



56.0084, 63.0448, 61.4445

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.



50.2141, 57.4329, 62.0685



58.4902, 57.4329, 69.6309



52.5083, 57.4329, 51.8257

Square

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



58.4902, 57.4329, 69.6309



57.0129, 57.4329, 52.2391



50.8638, 57.4329, 55.9377



52.2334, 57.4329, 74.1012

Rectangle

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



58.4902, 57.4329, 69.6309



58.9823, 57.4329, 58.6526



50.8638, 57.4329, 55.9377



50.4180, 57.4329, 66.5843

Sweetspot

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



58.4919, 57.4354, 69.6321



92.5285, 95.1640, 107.4211



54.0435, 55.1130, 70.7410



19.6642, 20.0994, 22.9092



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.



58.4919, 57.4354, 69.6321



86.2735, 83.2021, 103.6470



57.3476, 56.9777, 63.6066



12.8941, 12.6091, 15.3824



22.5004, 10.9365, 31.0029



1.3737, 0.6663, 1.9571

Inverse Universe

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



58.4919, 57.4354, 69.6321



86.2735, 83.2021, 103.6470



57.1121, 63.4863, 67.2568



12.8941, 12.6091, 15.3824



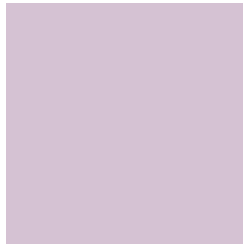
22.5004, 10.9365, 31.0029



1.3737, 0.6663, 1.9571

Previews

White Background



This preview shows how the XYZ color 58.4902, 57.4329, 69.6309 looks on a white background.

Color Contrast Check

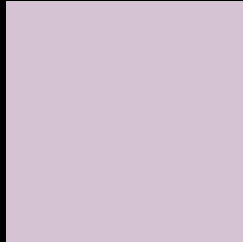
Large Text (above 18pt) WCAG AA × Fail

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 58.4902, 57.4329, 69.6309 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

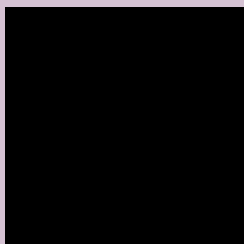
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.4902, 57.4329, 69.6309

Background



This preview shows how black text looks on a background with the XYZ color 58.4902, 57.4329, 69.6309.



This preview shows how white text looks on a background with the XYZ color 58.4902, 57.4329,

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

58.4902, 57.4329, 69.6309

Protanopia

55.8849, 57.3853, 71.7494

Deuteranopia

58.7812, 57.5829, 69.6445



Tritanopia

58.3652, 57.3829, 68.9726

Trichromacy



Original Color

58.4902, 57.4329, 69.6309

Protanomaly

56.8783, 57.5740, 71.0659

Deuteranomaly

58.7812, 57.5829, 69.6445

Tritanomaly

58.3652, 57.3829, 68.9726

Monochromacy



Original Color

58.4902, 57.4329, 69.6309

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

56.8965, 58.3764, 66.0266

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.4902, 57.4329, 69.6309 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(213, 194, 211)` looks like.

```
.text, #text, p{  
    color:rgb(213, 194, 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(213, 194, 211) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 194, 211) }
```

Border

The CSS property to change the border of an element to XYZ 58.4902, 57.4329, 69.6309 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(213, 194, 211) }
```


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

```
.border{ border-color:rgb(213, 194, 211) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 194, 211)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 194, 211); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 194, 211);  
box-shadow:4px 4px 4px 4px rgb(213, 194,  
211) }
```

Background

The CSS property to change the background color of an element to XYZ 58.4902, 57.4329, 69.6309 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 194, 211) }
```

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

```
.background{ background-color: rgb(213,  
194, 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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