

Converting Colors

XYZ(58.6399, 58.4710, 70.3179)

Have a look what the booklet for
XYZ(58.6399, 58.4710, 70.3179)
contains.

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Color

**XYZ(58.7139, 58.5349,
70.4912)**

Conversions

Conversions Part 1

Format	Color
Hex	D3C5D4
RGB	211, 197, 212
RGB Percent	83%, 77%, 83%
CMY	0.1725, 0.2274, 0.1686
CMYK	0.00, 0.07, 0.00, 0.17
HSL	296°, 15%, 80%
HSV	296°, 7%, 83%
XYZ	58.7139, 58.5349, 70.4912
YIQ	202.8960, 3.5290, 7.6330

Conversions

Conversions Part 2

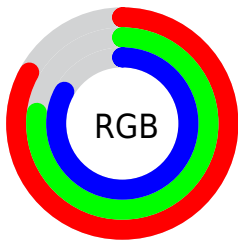
Format	Color
R_{YB}	211, 197, 212
Decimal	13878740
CIE Lab	81.04, 7.58, -5.71
CIE LCh	81, 9.489, 322.972
Yxy	58.5349, 0.3127, 0.3118
Android (android.graphics.Color)	4292068820 (0xFFD3C5D4)
YUV	202.8960, 4.4883, 7.1072
Hunter-Lab	76.5081, 3.0954, -1.0715

Details

The XYZ color **58.7139, 58.5349, 70.4912** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.9125, 63.1256, 62.0112**, and the grayscale version is **56.6721, 59.6235, 64.9300**.

A 20% lighter version of the original color is **94.7318, 99.3636, 108.7939**, and **29.6186, 29.1472, 35.9632** is the 20% darker color. If you saturate the color by 10%, you get **53.8320, 49.3689, 68.9802**, and if you desaturate by 10%, it is **64.2797, 69.0617, 72.2306**.

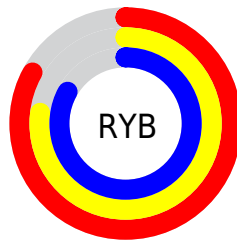
Distribution



Red (83%)

Green (77%)

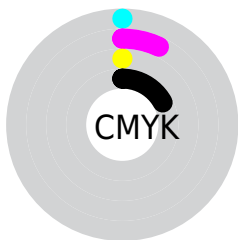
Blue (83%)



Red (83%)

Yellow (77%)

Blue (83%)

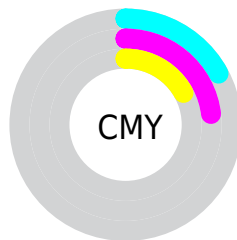


Cyan (0%)

Magenta (7%)

Yellow (0%)

Black (17%)



Cyan (17%)

Magenta (23%)

Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.7139, 58.5349, 70.4912 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 58.7139, 58.5349, 70.4912 by changing the saturation by 10% instead.

■ 58.7139, 58.5349,
70.4912

■ 58.7139, 58.5349,
70.4912

409.7520,
419.1761, 481.1085

■ 42.6283, 42.2388,
51.4478

102.0787,
102.7014, 121.5967

■ 29.7869, 29.2883,
36.1859

130.0887,
131.3406, 154.4958

■ 19.8241, 19.2991,
24.2870

162.8042,
164.8630, 192.8506

■ 12.3748, 11.8866,
15.3325

200.5906,
203.6529, 237.0796

■ 7.0735, 6.6665,
8.9039

243.8132,
248.0948, 287.6013

■ 3.5548, 3.2544,
4.5826

292.8374,

■ 1.4535, 1.2660,

298.5730, 344.8344

1.9501

348.0285,
355.4720, 409.1972

■ 0.2939, 0.1146,
0.5243

■ 0.0000, 0.0000,
0.0000

■ 58.7139, 58.5349,
70.4912

■ 58.7139, 58.5349,
70.4912

■ 53.8320, 49.3689,
68.9802

■ 64.2797, 69.0617,
72.2306

■ 49.6009, 41.5000,
67.6843

■ 70.5508, 80.9945,
74.2034

■ 45.9920, 34.8705,
66.5949

■ 75.7394, 90.7574,
75.8143

■ 42.9731, 29.4155,
65.7011

■ 76.1570, 90.9726,
75.8338

40.5087, 25.0643,
64.9911

76.5782, 91.1898,
75.8535

38.5596, 21.7385,
64.4519

77.0030, 91.4087,
75.8734

37.0814, 19.3493,
64.0686

77.4314, 91.6296,
75.8935

36.0222, 17.7930,
63.8241

77.8634, 91.8523,
75.9137

35.3132, 16.9318,
63.6952

78.2991, 92.0769,
75.9341

Harmonies

Analogous

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



57.1267, 58.5349, 74.2501



58.7139, 58.5349, 70.4912



59.4793, 58.5349, 65.0708

Triad

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



58.7139, 58.5349, 70.4912



56.1003, 58.5349, 53.5655



52.2215, 58.5349, 68.0615

Complementary

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



58.7139, 58.5349, 70.4912



56.9125, 63.1256, 62.0112

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.



51.9613, 58.5349, 62.4167



58.7139, 58.5349, 70.4912



54.1708, 58.5349, 54.2619

Square

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



58.7139, 58.5349, 70.4912



57.9474, 58.5349, 55.4626



52.6669, 58.5349, 57.4241



53.3862, 58.5349, 72.7906

Rectangle

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



58.7139, 58.5349, 70.4912



59.4080, 58.5349, 61.3310



52.6669, 58.5349, 57.4241



52.0265, 58.5349, 66.2001

Sweetspot

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



58.7156, 58.5374, 70.4925



93.3195, 96.7246, 108.3590



55.1635, 57.1293, 70.4079



19.9924, 20.7374, 23.1989



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.



58.7156, 58.5374, 70.4925



88.3852, 87.4108, 106.8213



58.2298, 58.3763, 66.4340



12.8675, 12.5886, 15.6892



21.7253, 10.3523, 39.3063



1.3355, 0.6374, 2.3719

Inverse Universe

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



57.3128, 58.0095, 61.6054



85.9685, 86.5017, 91.4922



57.3808, 63.2825, 65.8489



12.4565, 12.4341, 13.0782



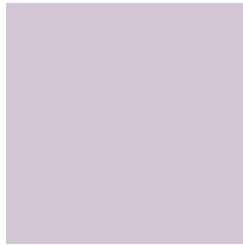
16.8246, 8.6662, 1.1147



1.0268, 0.5275, 0.1307

Previews

White Background



This preview shows how the XYZ color 58.7139, 58.5349, 70.4912 looks on a white background.

Color Contrast Check

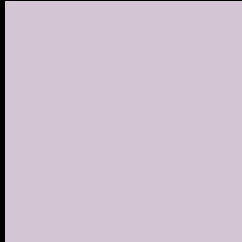
Large Text (above 18pt) WCAG AA × Fail

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 58.7139, 58.5349, 70.4912 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

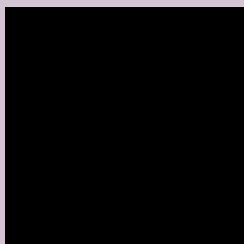
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 58.7139, 58.5349, 70.4912

Background



This preview shows how black text looks on a background with the XYZ color 58.7139, 58.5349, 70.4912.

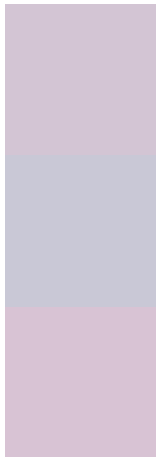


This preview shows how white text looks on a background with the XYZ color 58.7139, 58.5349,

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

58.7139, 58.5349, 70.4912

Protanopia

56.8793, 58.5811, 71.9278

Deuteranopia

59.7177, 58.3826, 70.4089



Tritanopia

58.7139, 58.5349, 70.4912

Trichromacy



Original Color

58.7139, 58.5349, 70.4912

Protanomaly

57.6105, 58.6301, 71.2311

Deuteranomaly

59.3551, 58.5295, 70.4563

Tritanomaly

58.7139, 58.5349, 70.4912

Monochromacy



Original Color

58.7139, 58.5349, 70.4912

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

57.4808, 59.3513, 66.8189

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.7139, 58.5349, 70.4912 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(211, 197, 212) looks like.

```
.text, #text, p{  
    color:rgb(211, 197, 212)  
}
```

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(211, 197, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 197, 212) }
```

Border

The CSS property to change the border of an element to XYZ 58.7139, 58.5349, 70.4912 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(211, 197, 212) }
```


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

```
.border{ border-color:rgb(211, 197, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 197, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 197, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 197, 212);  
box-shadow:4px 4px 4px 4px rgb(211, 197,  
212) }
```

Background

The CSS property to change the background color of an element to XYZ 58.7139, 58.5349, 70.4912 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 197, 212) }
```

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

```
.background{ background-color: rgb(211,  
197, 212) }
```

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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