

Converting Colors

XYZ(58.9360, 57.8063, 70.6700)

Have a look what the booklet for
XYZ(58.9360, 57.8063, 70.6700)
contains.

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Color

**XYZ(59.2569, 58.1305,
71.0479)**

Conversions

Conversions Part 1

Format	Color
Hex	D6C3D5
RGB	214, 195, 213
RGB Percent	84%, 76%, 84%
CMY	0.1608, 0.2353, 0.1647
CMYK	0.00, 0.09, 0.00, 0.16
HSL	303°, 19%, 80%
HSV	303°, 9%, 84%
XYZ	59.2569, 58.1305, 71.0479
YIQ	202.7330, 5.5460, 9.6260

Conversions

Conversions Part 2

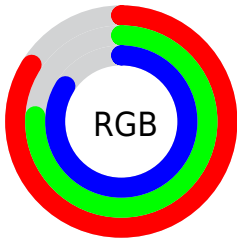
Format	Color
R_{YB}	214, 195, 213
Decimal	14074837
CIE Lab	80.81, 9.85, -6.56
CIE LCh	81, 11.832, 326.356
Yxy	58.1305, 0.3145, 0.3085
Android (android.graphics.Color)	4292264917 (0xFFD6C3D5)
YUV	202.7330, 5.0616, 9.8812
Hunter-Lab	76.2434, 5.3056, -1.8794

Details

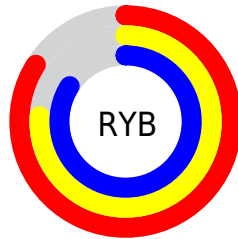
The XYZ color **59.2569, 58.1305, 71.0479** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **56.5183, 63.6823, 61.5407**, and the grayscale version is **56.5656, 59.5114, 64.8079**.

A 20% lighter version of the original color is **94.1004, 98.1008, 108.5835**, and **29.9945, 28.8893, 36.3431** is the 20% darker color. If you saturate the color by 10%, you get **54.6596, 49.1632, 68.8131**, and if you desaturate by 10%, it is **64.5457, 68.4776, 73.5195**.

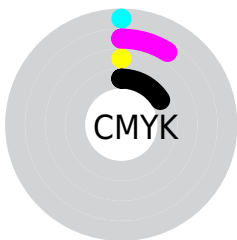
Distribution



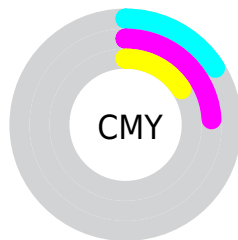
- Red (84%)
- Green (76%)
- Blue (84%)



- Red (84%)
- Yellow (76%)
- Blue (84%)



- Cyan (0%)
- Magenta (9%)
- Yellow (0%)
- Black (16%)



- Cyan (16%)
- Magenta (24%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.2569, 58.1305, 71.0479 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 59.2569, 58.1305, 71.0479 by changing the saturation by 10% instead.

■ 59.2569, 58.1305,
71.0479

■ 59.2569, 58.1305,
71.0479

411.7320,
417.6720, 483.1090

■ 43.0671, 41.9136,
51.8992

■ 102.8634,
102.1129, 122.3970

■ 30.1325, 29.0336,
36.5431

131.0109,
130.6471, 155.4345

■ 20.0878, 19.1063,
24.5609

163.8750,
164.0559, 193.9387

■ 12.5675, 11.7471,
15.5342

201.8211,
202.7236, 238.3282

■ 7.2063, 6.5717,
9.0444

245.2144,
247.0347, 289.0214

■ 3.6390, 3.1957,
4.6729

294.4205,

■ 1.5000, 1.2348,

297.3736, 346.4369

2.0013

349.8046,
354.1245, 410.9933

■ 0.3258, 0.0898,
0.5561

■ 0.0000, 0.0000,
0.0000

■ 59.2569, 58.1305,
71.0479

■ 59.2569, 58.1305,
71.0479

■ 54.6596, 49.1632,
68.8131

■ 64.5457, 68.4776,
73.5195

■ 50.7198, 41.5099,
66.8016

■ 70.5483, 80.2515,
76.2333

■ 47.4078, 35.1108,
65.0043

■ 75.9359, 90.7939,
78.7470

■ 44.6900, 29.8986,
63.4099

■ 76.0825, 90.8525,
79.5186

42.5296, 25.7996,
62.0062

76.2300, 90.9116,
80.2955

40.8856, 22.7318,
60.7794

76.3785, 90.9710,
81.0777

39.7115, 20.6021,
59.7141

76.5281, 91.0308,
81.8651

38.9523, 19.3006,
58.7920

76.6786, 91.0910,
82.6579

38.5211, 18.6537,
57.9840

76.8302, 91.1516,
83.4560

Harmonies

Analogous

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



57.3641, 58.1305, 76.1370



59.2569, 58.1305, 71.0479



60.0755, 58.1305, 64.1534

Triad

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



59.2569, 58.1305, 71.0479



55.5505, 58.1305, 50.7896



51.1462, 58.1305, 69.4597

Complementary

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



59.2569, 58.1305, 71.0479



56.5183, 63.6823, 61.5407

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.



50.6925, 58.1305, 62.4427



59.2569, 58.1305, 71.0479



53.1910, 58.1305, 51.9835

Square

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



59.2569, 58.1305, 71.0479



57.8962, 58.1305, 52.7373



51.4304, 58.1305, 56.1263



52.6882, 58.1305, 75.1736

Rectangle

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



59.2569, 58.1305, 71.0479



59.8846, 58.1305, 59.5790



51.4304, 58.1305, 56.1263



50.8633, 58.1305, 67.1608

Sweetspot

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



59.2586, 58.1330, 71.0492



92.5931, 95.1899, 107.7615



54.4073, 55.6173, 71.4868



19.6817, 20.1064, 23.0015



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.



59.2586, 58.1330, 71.0492



86.5085, 83.2961, 104.8845



58.0938, 57.6671, 64.9153



12.9235, 12.6209, 15.5373



23.2707, 11.2446, 35.0592



1.4124, 0.6818, 2.1612

Inverse Universe

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



59.2586, 58.1330, 71.0492



86.5085, 83.2961, 104.8845



57.6281, 64.1263, 67.3850



12.9235, 12.6209, 15.5373



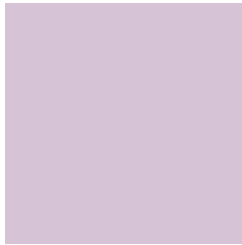
23.2707, 11.2446, 35.0592



1.4124, 0.6818, 2.1612

Previews

White Background



This preview shows how the XYZ color 59.2569, 58.1305, 71.0479 looks on a white background.

Color Contrast Check

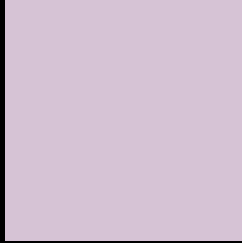
Large Text (above 18pt) WCAG AA × Fail

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 59.2569, 58.1305, 71.0479 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

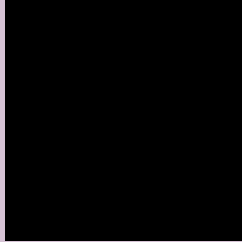
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.2569, 58.1305, 71.0479

Background



This preview shows how black text looks on a background with the XYZ color 59.2569, 58.1305, 71.0479.



This preview shows how white text looks on a background with the XYZ color 59.2569, 58.1305,

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

59.2569, 58.1305, 71.0479

Protanopia

56.6375, 58.0841, 73.1920

Deuteranopia

59.5497, 58.2814, 71.0616



Tritanopia

59.0045, 58.0295, 69.7190

Trichromacy



Original Color

59.2569, 58.1305, 71.0479

Protanomaly

57.6367, 58.2736, 72.5001

Deuteranomaly

59.5497, 58.2814, 71.0616

Tritanomaly

59.1303, 58.0798, 70.3814

Monochromacy



Original Color

59.2569, 58.1305, 71.0479

Achromatopsia

56.7640, 59.7202, 65.0353

Achromatomaly

57.6489, 59.0789, 67.3964

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.2569, 58.1305, 71.0479 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(214, 195, 213) looks like.

```
.text, #text, p{  
    color:rgb(214, 195, 213)  
}
```

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(214, 195, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 195, 213) }
```

Border

The CSS property to change the border of an element to XYZ 59.2569, 58.1305, 71.0479 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(214, 195, 213) }
```


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

```
.border{ border-color:rgb(214, 195, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 195, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 195, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 195, 213);  
box-shadow:4px 4px 4px 4px rgb(214, 195,  
213) }
```

Background

The CSS property to change the background color of an element to XYZ 59.2569, 58.1305, 71.0479 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 195, 213) }
```

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

```
.background{ background-color: rgb(214,  
195, 213) }
```

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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