

Converting Colors

XYZ(59.1711, 59.4492, 70.6435)

Have a look what the booklet for
XYZ(59.1711, 59.4492, 70.6435)
contains.

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Color

**XYZ(59.1711, 59.4492,
70.6435)**

Conversions

Conversions Part 1

Format	Color
Hex	D3C7D4
RGB	211, 199, 212
RGB Percent	83%, 78%, 83%
CMY	0.1725, 0.2196, 0.1686
CMYK	0.00, 0.06, 0.00, 0.17
HSL	295°, 13%, 81%
HSV	295°, 6%, 83%
XYZ	59.1711, 59.4492, 70.6435
YIQ	204.0700, 2.9790, 6.5870

Conversions

Conversions Part 2

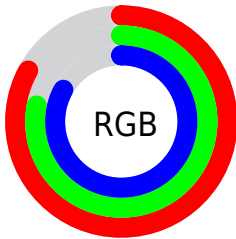
Format	Color
R _Y B	211, 199, 212
Decimal	13879252
CIE Lab	81.54, 6.51, -4.97
CIE LCh	82, 8.193, 322.634
Yxy	59.4492, 0.3126, 0.3141
Android (android.graphics.Color)	4292069332 (0xFFD3C7D4)
YUV	204.0700, 3.9095, 6.0776
Hunter-Lab	77.1033, 2.0548, -0.3503

Details

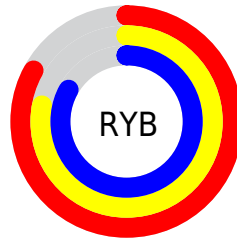
The XYZ color **59.1711, 59.4492, 70.6435** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **57.6738, 63.4913, 63.2511**, and the grayscale version is **57.4150, 60.4050, 65.7811**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **29.9215, 29.7530, 36.0642** is the 20% darker color. If you saturate the color by 10%, you get **54.1650, 50.1262, 69.1087**, and if you desaturate by 10%, it is **64.8649, 70.1388, 72.4076**.

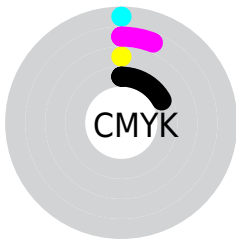
Distribution



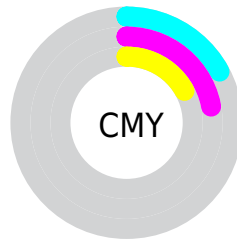
- Red (83%)
- Green (78%)
- Blue (83%)



- Red (83%)
- Yellow (78%)
- Blue (83%)



- Cyan (0%)
- Magenta (6%)
- Yellow (0%)
- Black (17%)



- Cyan (17%)
- Magenta (22%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.1711, 59.4492, 70.6435 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 59.1711, 59.4492, 70.6435 by changing the saturation by 10% instead.

■ 59.1711, 59.4492,
70.6435

■ 59.1711, 59.4492,
70.6435

411.4196,
422.5646, 481.6563

■ 42.9978, 42.9748,
51.5713

102.7395,
104.0302, 121.8157

■ 30.0779, 29.8654,
36.2836

130.8653,
132.9057, 154.7527

■ 20.0461, 19.7364,
24.3619

163.7059,
166.6837, 193.1484

■ 12.5370, 12.2036,
15.3876

201.6268,
205.7485, 237.4214

■ 7.1853, 6.8825,
8.9422

244.9932,
250.4846, 287.9901

■ 3.6256, 3.3887,
4.6072

294.1706,

■ 1.4926, 1.3379,

301.2764, 345.2731

1.9640

349.5243,
358.5082, 409.6890

■ 0.3208, 0.1703,
0.5330

■ 0.0000, 0.0000,
0.0000

■ 59.1711, 59.4492,
70.6435

■ 59.1711, 59.4492,
70.6435

■ 54.1650, 50.1262,
69.1087

■ 64.8649, 70.1388,
72.4076

■ 49.8135, 42.1062,
67.7901

■ 71.2675, 82.2400,
74.4059

■ 46.0884, 35.3321,
66.6788

■ 75.9313, 90.8562,
75.8232

■ 42.9576, 29.7395,
65.7644

■ 76.4152, 91.1057,
75.8458

40.3859, 25.2582,
65.0350

76.9038, 91.3576,
75.8687

38.3346, 21.8107,
64.4776

77.3973, 91.6120,
75.8918

36.7597, 19.3093,
64.0778

77.8956, 91.8689,
75.9151

35.6104, 17.6521,
63.8185

78.3988, 92.1283,
75.9387

34.8227, 16.7111,
63.6784

78.9068, 92.3902,
75.9625

Harmonies

Analogous

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



57.7856, 59.4492, 73.8610



59.1711, 59.4492, 70.6435



59.8447, 59.4492, 65.9507

Triad

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



59.1711, 59.4492, 70.6435



56.9293, 59.4492, 55.7932



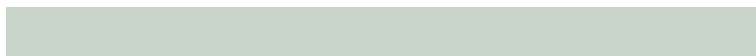
53.5101, 59.4492, 68.4397

Complementary

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



59.1711, 59.4492, 70.6435



57.6738, 63.4913, 63.2511

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.



53.2913, 59.4492, 63.5246



59.1711, 59.4492, 70.6435



55.2429, 59.4492, 56.3845

Square

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



59.1711, 59.4492, 70.6435



58.5334, 59.4492, 57.4981



53.9196, 59.4492, 59.1562



54.5234, 59.4492, 72.5444

Rectangle

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



59.1711, 59.4492, 70.6435



59.7899, 59.4492, 62.6827



53.9196, 59.4492, 59.1562



53.3421, 59.4492, 66.8215

Sweetspot

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



59.1728, 59.4518, 70.6448



93.3004, 96.7148, 108.3581



56.1130, 58.2456, 70.5733



19.9885, 20.7353, 23.1988



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.



59.1728, 59.4518, 70.6448



89.1143, 88.8758, 107.0657



58.7882, 59.3311, 67.1201



13.0731, 12.9902, 15.7558



21.3797, 10.1742, 39.2901



1.3182, 0.6284, 2.3711

Inverse Universe

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



58.0022, 59.0167, 62.9807



87.0772, 88.1191, 93.7116



58.0478, 63.6102, 66.6098



12.7543, 12.8718, 13.6646



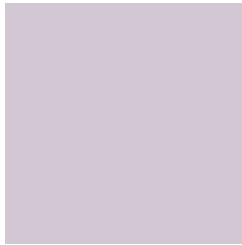
16.8355, 8.6705, 1.1718



1.0293, 0.5285, 0.1435

Previews

White Background



This preview shows how the XYZ color 59.1711, 59.4492, 70.6435 looks on a white background.

Color Contrast Check

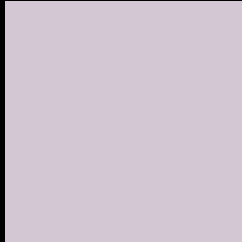
Large Text (above 18pt) WCAG AA × Fail

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 59.1711, 59.4492, 70.6435 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

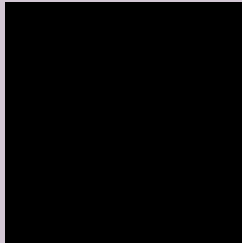
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.1711, 59.4492, 70.6435

Background



This preview shows how black text looks on a background with the XYZ color 59.1711, 59.4492, 70.6435.



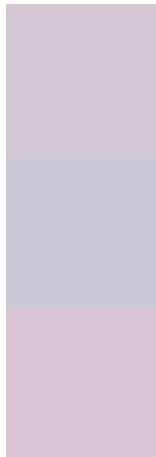
This preview shows how white text looks on a background with the XYZ color 59.1711, 59.4492,

70.6435.

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

59.1711, 59.4492, 70.6435

Protanopia

57.5255, 59.2739, 71.3599

Deuteranopia

60.7634, 59.5914, 70.5871



Tritanopia

59.4250, 59.5508, 71.9807

Trichromacy



Original Color

59.1711, 59.4492, 70.6435

Protanomaly

58.1181, 59.2345, 71.3210

Deuteranomaly

60.1021, 59.5887, 70.6214

Tritanomaly

59.2976, 59.4998, 71.3101

Monochromacy



Original Color

59.1711, 59.4492, 70.6435

Achromatopsia

57.3938, 60.3827, 65.7568

Achromatomaly

58.1151, 60.0115, 67.5519

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.1711, 59.4492, 70.6435 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, 199, 212) looks like.

```
.text, #text, p{  
    color:rgb(211, 199, 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, 199, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 199, 212) }
```

Border

The CSS property to change the border of an element to XYZ 59.1711, 59.4492, 70.6435 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, 199, 212) }
```


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

```
.border{ border-color:rgb(211, 199, 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, 199, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 199, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 199, 212);  
box-shadow:4px 4px 4px 4px rgb(211, 199,  
212) }
```

Background

The CSS property to change the background color of an element to XYZ 59.1711, 59.4492, 70.6435 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 199, 212) }
```

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

```
.background{ background-color: rgb(211,  
199, 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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