

Converting Colors

XYZ(59.4782, 59.6514, 72.1115)

Have a look what the booklet for
XYZ(59.4782, 59.6514, 72.1115)
contains.

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Color

**XYZ(59.4250, 59.5508,
71.9807)**

Conversions

Conversions Part 1

Format	Color
Hex	D3C7D6
RGB	211, 199, 214
RGB Percent	83%, 78%, 84%
CMY	0.1725, 0.2196, 0.1608
CMYK	0.01, 0.07, 0.00, 0.16
HSL	288°, 15%, 81%
HSV	288°, 7%, 84%
XYZ	59.4250, 59.5508, 71.9807
YIQ	204.2980, 2.3370, 7.2090

Conversions

Conversions Part 2

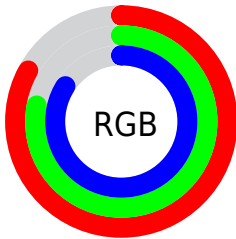
Format	Color
R _Y B	211, 199, 214
Decimal	13879254
CIE Lab	81.59, 6.88, -5.96
CIE LCh	82, 9.106, 319.096
Yxy	59.5508, 0.3112, 0.3119
Android (android.graphics.Color)	4292069334 (0xFFD3C7D6)
YUV	204.2980, 4.7831, 5.8777
Hunter-Lab	77.1692, 2.4099, -1.2852

Details

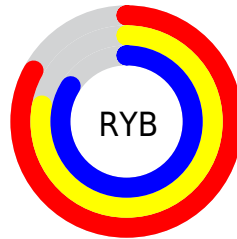
The XYZ color **59.4250, 59.5508, 71.9807** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.7147, 64.7748, 63.4441**, and the grayscale version is **57.5541, 60.5514, 65.9405**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **30.0937, 29.8219, 36.9710** is the 20% darker color. If you saturate the color by 10%, you get **53.6338, 49.7641, 70.3978**, and if you desaturate by 10%, it is **65.9447, 70.7443, 73.7985**.

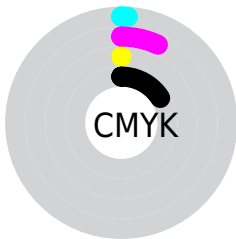
Distribution



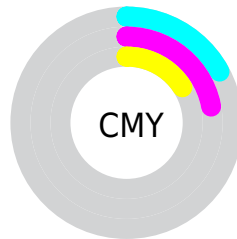
- Red (83%)
- Green (78%)
- Blue (84%)



- Red (83%)
- Yellow (78%)
- Blue (84%)



- Cyan (1%)
- Magenta (7%)
- Yellow (0%)
- Black (16%)



- Cyan (17%)
- Magenta (22%)
- Yellow (16%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.4250, 59.5508, 71.9807 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 59.4250, 59.5508, 71.9807 by changing the saturation by 10% instead.

■ 59.4250, 59.5508,
71.9807

■ 59.4250, 59.5508,
71.9807

412.3439,
422.9401, 486.4502

■ 43.2030, 43.0567,
52.6562

103.1062,
104.1778, 123.7366

■ 30.2397, 29.9296,
37.1425

131.2961,
133.0794, 157.0050

■ 20.1695, 19.7851,
25.0212

164.2061,
166.8857, 195.7584

■ 12.6273, 12.2390,
15.8737

202.2015,
205.9809, 240.4154

■ 7.2476, 6.9066,
9.2814

245.6476,
250.7496, 291.3946

■ 3.6652, 3.4038,
4.8259

294.9098,

■ 1.5145, 1.3460,

301.5761, 349.1144

2.0885

350.3534,
358.8448, 413.9934

■ 0.3357, 0.1764,
0.6089

■ 0.0000, 0.0000,
0.0000

■ 59.4250, 59.5508,
71.9807

■ 59.4250, 59.5508,
71.9807

■ 53.6338, 49.7641,
70.3978

■ 65.9447, 70.7443,
73.7985

■ 48.5369, 41.3188,
69.0363

■ 73.2151, 83.3911,
75.8564

■ 44.1052, 34.1560,
67.8873

■ 78.5899, 92.1975,
77.2729

■ 40.3050, 28.2091,
66.9398

■ 79.9322, 92.8895,
77.3358

37.1001, 23.4055,
66.1815

81.3082, 93.5988,
77.4002

34.4500, 19.6651,
65.5992

82.7181, 94.3257,
77.4661

32.3091, 16.8969,
65.1777

84.1621, 95.0701,
77.5337

30.6241, 14.9947,
64.8994

85.6405, 95.8322,
77.6029

29.3248, 13.8185,
64.7408

87.1534, 96.6121,
77.6737

Harmonies

Analogous

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



57.8123, 59.5508, 75.3055



59.4250, 59.5508, 71.9807



60.2878, 59.5508, 66.8525

Triad

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



59.4250, 59.5508, 71.9807



57.2994, 59.5508, 55.0436



53.1984, 59.5508, 68.3458

Complementary

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



59.4250, 59.5508, 71.9807



58.7147, 64.7748, 63.4441

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.



53.0682, 59.5508, 62.8697



59.4250, 59.5508, 71.9807



55.4073, 59.5508, 55.3933

Square

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



59.4250, 59.5508, 71.9807



59.0423, 59.5508, 57.2055



53.8684, 59.5508, 58.1892



54.2284, 59.5508, 73.1267

Rectangle

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



59.4250, 59.5508, 71.9807



60.3088, 59.5508, 63.1908



53.8684, 59.5508, 58.1892



53.0489, 59.5508, 66.5191

Sweetspot

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



59.4267, 59.5534, 71.9820



93.0702, 96.5961, 108.3473



56.8725, 59.3584, 72.0790



19.9416, 20.7112, 23.1966



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.



59.4267, 59.5534, 71.9820



87.3985, 86.9021, 106.7751



59.7585, 59.7863, 69.2014



12.6984, 12.5014, 15.6813



17.5995, 8.2254, 39.1132



1.1248, 0.5287, 2.3621

Inverse Universe

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



58.8177, 59.4100, 64.2473



86.3668, 86.6610, 93.5895



58.4112, 64.5605, 66.0415



12.5238, 12.4610, 13.4326



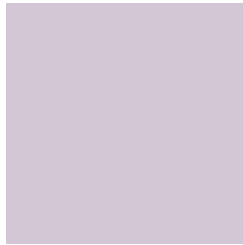
17.0532, 8.7576, 2.3183



1.0585, 0.5402, 0.2975

Previews

White Background



This preview shows how the XYZ color 59.4250, 59.5508, 71.9807 looks on a white background.

Color Contrast Check

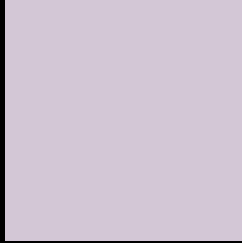
Large Text (above 18pt) WCAG AA × Fail

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 59.4250, 59.5508, 71.9807 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

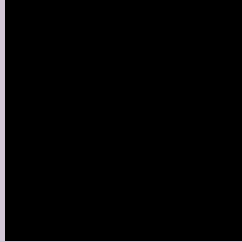
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.4250, 59.5508, 71.9807

Background



This preview shows how black text looks on a background with the XYZ color 59.4250, 59.5508, 71.9807.

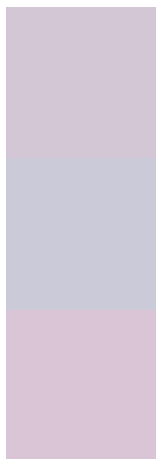


This preview shows how white text looks on a background with the XYZ color 59.4250, 59.5508,

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

59.4250, 59.5508, 71.9807

Protanopia

58.1438, 59.8954, 73.4622

Deuteranopia

60.7191, 59.5393, 71.9103



Tritanopia

59.5531, 59.6020, 72.6555

Trichromacy



Original Color

59.4250, 59.5508, 71.9807

Protanomaly

58.6060, 59.8014, 72.7439

Deuteranomaly

60.3560, 59.6903, 71.9586

Tritanomaly

59.5531, 59.6020, 72.6555

Monochromacy



Original Color

59.4250, 59.5508, 71.9807

Achromatopsia

57.3938, 60.3827, 65.7568

Achromatomaly

58.2378, 60.0605, 68.1979

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.4250, 59.5508, 71.9807 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, 214) looks like.

```
.text, #text, p{  
    color:rgb(211, 199, 214)  
}
```

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, 214) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 199, 214) }
```

Border

The CSS property to change the border of an element to XYZ 59.4250, 59.5508, 71.9807 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, 214) }
```


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

```
.border{ border-color:rgb(211, 199, 214) }
```

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, 214)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 199, 214); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 199, 214);  
box-shadow:4px 4px 4px 4px rgb(211, 199,  
214) }
```

Background

The CSS property to change the background color of an element to XYZ 59.4250, 59.5508, 71.9807 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, 214) }
```

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

```
.background{ background-color: rgb(211,  
199, 214) }
```

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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