

Converting Colors

XYZ(59.5520, 59.9752, 71.3901)

Have a look what the booklet for
XYZ(59.5520, 59.9752, 71.3901)
contains.

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Color

**XYZ(59.5285, 59.9615,
71.3870)**

Conversions

Conversions Part 1

Format	Color
Hex	D3C8D5
RGB	211, 200, 213
RGB Percent	83%, 78%, 84%
CMY	0.1725, 0.2157, 0.1647
CMYK	0.01, 0.06, 0.00, 0.16
HSL	291°, 13%, 81%
HSV	291°, 6%, 84%
XYZ	59.5285, 59.9615, 71.3870
YIQ	204.7710, 2.3830, 6.3750

Conversions

Conversions Part 2

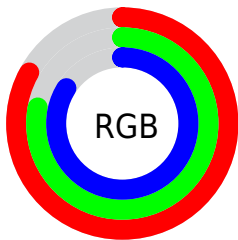
Format	Color
RYB	211, 200, 213
Decimal	13879509
CIELab	81.82, 6.17, -5.10
CIELCh	82, 7.999, 320.424
Yxy	59.9615, 0.3119, 0.3141
Android (android.graphics.Color)	4292069589 (0xFFD3C8D5)
YUV	204.7710, 4.0569, 5.4628
Hunter-Lab	77.4348, 1.7121, -0.4550

Details

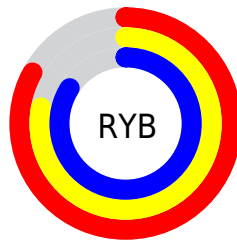
The XYZ color **59.5285, 59.9615, 71.3870** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.5788, 64.3167, 63.9735**, and the grayscale version is **57.8583, 60.8714, 66.2890**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **30.1607, 30.0943, 36.5669** is the 20% darker color. If you saturate the color by 10%, you get **54.0063, 50.2961, 69.8133**, and if you desaturate by 10%, it is **65.7605, 71.0164, 73.1932**.

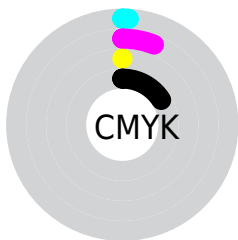
Distribution



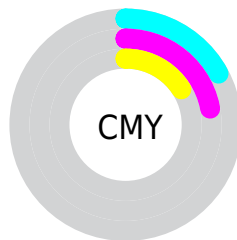
- Red (83%)
- Green (78%)
- Blue (84%)



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



- Cyan (1%)
- Magenta (6%)
- Yellow (0%)
- Black (16%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.5285, 59.9615, 71.3870 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 59.5285, 59.9615, 71.3870 by changing the saturation by 10% instead.

■ 59.5285, 59.9615,
71.3870

■ 59.5285, 59.9615,
71.3870

412.7203,
424.4558, 484.3252

■ 43.2867, 43.3876,
52.1743

103.2556,
104.7738, 122.8842

■ 30.3056, 30.1894,
36.7608

131.4717,
133.7810, 156.0058

■ 20.2199, 19.9824,
24.7280

164.4099,
167.7015, 194.6008

■ 12.6642, 12.3822,
15.6574

202.4356,
206.9195, 239.0877

■ 7.2731, 7.0045,
9.1303

245.9141,
251.8196, 289.8850

■ 3.6813, 3.4649,
4.7283

295.2108,

■ 1.5235, 1.3790,

302.7861, 347.4114

2.0328

350.6911,
360.2034, 412.0852

■ 0.3417, 0.2012,
0.5753

■ 0.0000, 0.0000,
0.0000

■ 59.5285, 59.9615,
71.3870

■ 59.5285, 59.9615,
71.3870

■ 54.0063, 50.2961,
69.8133

■ 65.7605, 71.0164,
73.1932

■ 49.1605, 41.9559,
68.4589

■ 72.7239, 83.5063,
75.2370

■ 44.9623, 34.8829,
67.3150

■ 77.5386, 91.6702,
76.5591

■ 41.3792, 29.0122,
66.3706

■ 78.5453, 92.1892,
76.6062

38.3755, 24.2725,
65.6141

79.5716, 92.7183,
76.6542

35.9118, 20.5855,
65.0323

80.6176, 93.2575,
76.7032

33.9439, 17.8624,
64.6104

81.6834, 93.8069,
76.7530

32.4200, 16.0001,
64.3313

82.7691, 94.3666,
76.8038

31.2754, 14.8694,
64.1733

83.8748, 94.9367,
76.8556

Harmonies

Analogous

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



58.1310, 59.9615, 74.3862



59.5285, 59.9615, 71.3870



60.2503, 59.9615, 66.8455

Triad

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



59.5285, 59.9615, 71.3870



57.5329, 59.9615, 56.5494



54.0056, 59.9615, 68.5836

Complementary

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



59.5285, 59.9615, 71.3870



58.5788, 64.3167, 63.9735

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.



53.8526, 59.9615, 63.7546



59.5285, 59.9615, 71.3870



55.8672, 59.9615, 56.9634

Square

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



59.5285, 59.9615, 71.3870



59.0832, 59.9615, 58.3862



54.5278, 59.9615, 59.5464



54.9499, 59.9615, 72.7131

Rectangle

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



59.5285, 59.9615, 71.3870



60.2416, 59.9615, 63.6215



54.5278, 59.9615, 59.5464



53.8606, 59.9615, 66.9831

Sweetspot

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



59.5302, 59.9641, 71.3883



93.1564, 96.6406, 108.3514



56.9918, 59.4055, 71.4143



19.9592, 20.7202, 23.1974



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.



59.5302, 59.9641, 71.3883



88.6144, 88.6181, 107.0423



59.5640, 60.0442, 68.5574



12.9947, 12.9497, 15.7522



18.9364, 8.9146, 39.1758



1.1940, 0.5644, 2.3653

Inverse Universe

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



58.7576, 59.7216, 64.3105



87.2804, 88.2004, 94.7817



58.5548, 64.2450, 66.6532



12.7861, 12.8845, 13.8317



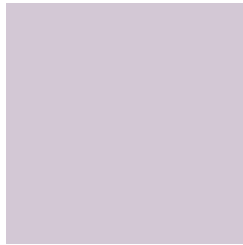
16.9516, 8.7170, 1.7833



1.0475, 0.5358, 0.2397

Previews

White Background



This preview shows how the XYZ color 59.5285, 59.9615, 71.3870 looks on a white background.

Color Contrast Check

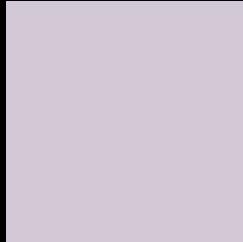
Large Text (above 18pt) WCAG AA × Fail

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 59.5285, 59.9615, 71.3870 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

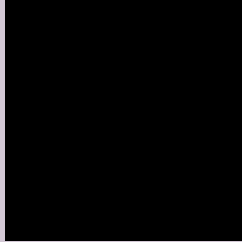
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 59.5285, 59.9615, 71.3870

Background



This preview shows how black text looks on a background with the XYZ color 59.5285, 59.9615, 71.3870.

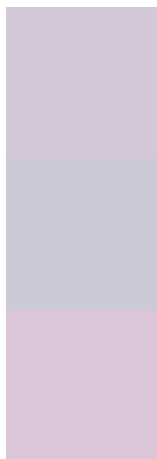


This preview shows how white text looks on a background with the XYZ color 59.5285, 59.9615,

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

59.5285, 59.9615, 71.3870

Protanopia

58.1600, 59.9335, 72.1213

Deuteranopia

61.3173, 59.8476, 71.9383



Tritanopia

59.7840, 60.0637, 72.7325

Trichromacy



Original Color

59.5285, 59.9615, 71.3870

Protanomaly

58.7564, 59.8937, 72.0822

Deuteranomaly

60.6506, 59.8421, 71.9724

Tritanomaly

59.6558, 60.0125, 72.0577

Monochromacy



Original Color

59.5285, 59.9615, 71.3870

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

58.4732, 60.5313, 68.2764

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.5285, 59.9615, 71.3870 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, 200, 213) looks like.

```
.text, #text, p{  
    color:rgb(211, 200, 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(211, 200, 213) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 200, 213) }
```

Border

The CSS property to change the border of an element to XYZ 59.5285, 59.9615, 71.3870 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, 200, 213) }
```


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

```
.border{ border-color:rgb(211, 200, 213) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 200, 213)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 200, 213); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 200, 213);  
box-shadow:4px 4px 4px 4px rgb(211, 200,  
213) }
```

Background

The CSS property to change the background color of an element to XYZ 59.5285, 59.9615, 71.3870 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 200, 213) }
```

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

```
.background{ background-color: rgb(211,  
200, 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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