

Converting Colors

XYZ(59.5760, 61.8599, 70.8563)

Have a look what the booklet for
XYZ(59.5760, 61.8599, 70.8563)
contains.

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Color

**XYZ(59.4471, 61.6815,
71.0599)**

Conversions

Conversions Part 1

Format	Color
Hex	CFCDD4
RGB	207, 205, 212
RGB Percent	81%, 80%, 83%
CMY	0.1882, 0.1961, 0.1686
CMYK	0.02, 0.03, 0.00, 0.17
HSL	257°, 8%, 82%
HSV	257°, 3%, 83%
XYZ	59.4471, 61.6815, 71.0599
YIQ	206.3960, -1.0550, 2.6010

Conversions

Conversions Part 2

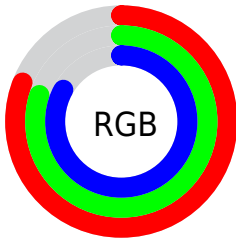
Format	Color
RYB	207, 205, 212
Decimal	13618644
CIELab	82.74, 1.98, -3.23
CIElCh	83, 3.789, 301.444
Yxy	61.6815, 0.3093, 0.3209
Android (android.graphics.Color)	4291808724 (0xFFCFCDD4)
YUV	206.3960, 2.7628, 0.5297
Hunter-Lab	78.5376, -2.3295, 1.3314

Details

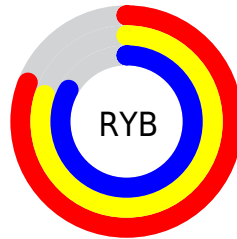
The XYZ color **59.4471, 61.6815, 71.0599** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **61.1436, 65.1981, 67.1226**, and the grayscale version is **58.9048, 61.9724, 67.4879**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **30.2893, 31.3398, 36.3511** is the 20% darker color. If you saturate the color by 10%, you get **50.6843, 50.1405, 69.2950**, and if you desaturate by 10%, it is **69.3068, 74.8115, 73.0755**.

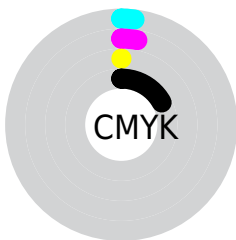
Distribution



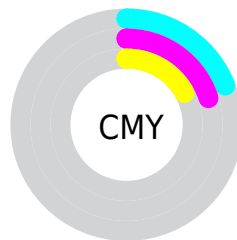
- Red (81%)
- Green (80%)
- Blue (83%)



- Red (81%)
- Yellow (80%)
- Blue (83%)



- Cyan (2%)
- Magenta (3%)
- Yellow (0%)
- Black (17%)



- Cyan (19%)
- Magenta (20%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.4471, 61.6815, 71.0599 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 59.4471, 61.6815, 71.0599 by changing the saturation by 10% instead.

■ 59.4471, 61.6815,
71.0599

■ 59.4471, 61.6815,
71.0599

412.4243,
430.7684, 483.1521

■ 43.2209, 44.7754,
51.9089

103.1381,
107.2651, 122.4143

■ 30.2537, 31.2805,
36.5508

131.3336,
136.7113, 155.4548

■ 20.1803, 20.8126,
24.5668

164.2496,
171.1064, 193.9622

■ 12.6352, 12.9871,
15.5385

202.2515,
210.8348, 238.3551

■ 7.2531, 7.4196,
9.0474

245.7045,
256.2807, 289.0520

■ 3.6686, 3.7259,
4.6749

294.9741,

■ 1.5164, 1.5214,

307.8287, 346.4714

2.0024

350.4255,
365.8631, 411.0319

■ 0.3370, 0.3038,
0.5568

■ 0.0000, 0.0000,
0.0000

■ 59.4471, 61.6815,
71.0599

■ 59.4471, 61.6815,
71.0599

■ 50.6843, 50.1405,
69.2950

■ 69.3068, 74.8115,
73.0755

■ 42.9742, 40.1197,
67.7672

■ 80.2948, 89.5798,
75.3470

■ 36.2775, 31.5571,
66.4674

■ 87.9530, 97.0537,
76.3859

■ 30.5501, 24.3833,
65.3846

■ 88.8838, 97.5335,
76.4295

■ 25.7447, 18.5232,
64.5067

■ 21.8099, 13.8942,
63.8207

■ 18.6884, 10.4045,
63.3116

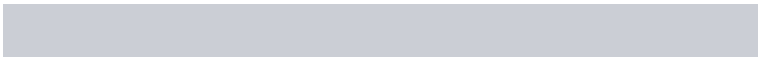
■ 16.3159, 7.9483,
62.9625

■ 14.6163, 6.3994,
62.7531

Harmonies

Analogous

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



58.6659, 61.6815, 71.7444



59.4471, 61.6815, 71.0599



60.0126, 61.6815, 69.3273

Triad

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



59.4471, 61.6815, 71.0599



59.3781, 61.6815, 63.2981



57.0749, 61.6815, 67.2737

Complementary

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



59.4471, 61.6815, 71.0599



61.1436, 65.1981, 67.1226

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.



57.2617, 61.6815, 65.0396



59.4471, 61.6815, 71.0599



58.5870, 61.6815, 62.7764

Square

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



59.4471, 61.6815, 71.0599



59.9726, 61.6815, 64.8482



57.8133, 61.6815, 63.4068



57.3006, 61.6815, 69.5274

Rectangle

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



59.4471, 61.6815, 71.0599



60.1886, 61.6815, 67.8301



57.8133, 61.6815, 63.4068



57.0915, 61.6815, 66.4957

Sweetspot

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



59.4489, 61.6841, 71.0612



93.5746, 98.0398, 108.5994



60.1134, 63.8360, 71.4416



20.0444, 21.0052, 23.2479



0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

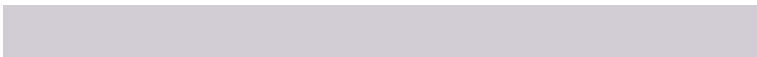
The Same Dimension uses a secret algorithm to generate beautiful new colors.



59.4489, 61.6841, 71.0612



89.2508, 92.3075, 107.7208



60.4331, 62.1916, 71.1073



13.0104, 13.4161, 15.8414



8.5911, 3.5814, 38.6916



0.5993, 0.2579, 2.3375

Inverse Universe

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



60.6178, 62.3157, 69.8092



91.4168, 93.4778, 105.3946



60.1623, 64.6922, 67.0767



13.3811, 13.6164, 15.4422



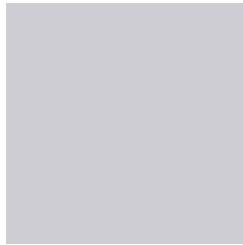
20.2808, 10.0486, 19.3145



1.2581, 0.6200, 1.3483

Previews

White Background



This preview shows how the XYZ color 59.4471, 61.6815, 71.0599 looks on a white background.

Color Contrast Check

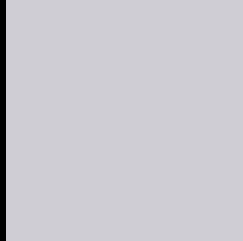
Large Text (above 18pt) WCAG AA × Fail

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 59.4471, 61.6815, 71.0599 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

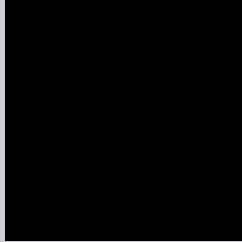
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

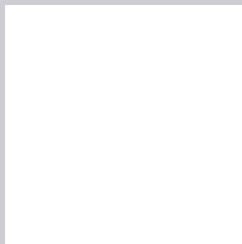
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 59.4471, 61.6815, 71.0599

Background



This preview shows how black text looks on a background with the XYZ color 59.4471, 61.6815, 71.0599.

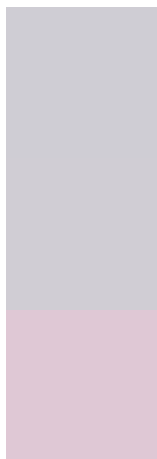


This preview shows how white text looks on a background with the XYZ color 59.4471, 61.6815,

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

59.4471, 61.6815, 71.0599

Protanopia

59.7274, 61.8260, 71.0730

Deuteranopia

63.0959, 61.8006, 71.5540



Tritanopia

60.5236, 61.7629, 76.4417

Trichromacy



Original Color

59.4471, 61.6815, 71.0599

Protanomaly

59.7274, 61.8260, 71.0730

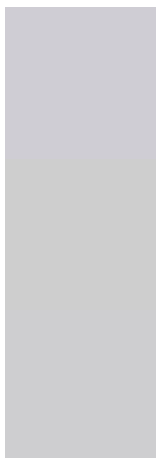
Deuteranomaly

61.7460, 61.7969, 71.6244

Tritanomaly

60.1297, 61.6054, 74.3675

Monochromacy



Original Color

59.4471, 61.6815, 71.0599

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

58.9101, 61.8185, 68.5018

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.4471, 61.6815, 71.0599 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(207, 205, 212) looks like.

```
.text, #text, p{  
    color:rgb(207, 205, 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(207, 205, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 205, 212) }
```

Border

The CSS property to change the border of an element to XYZ 59.4471, 61.6815, 71.0599 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(207, 205, 212) }
```


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

```
.border{ border-color:rgb(207, 205, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 205, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 205, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 205, 212);  
box-shadow:4px 4px 4px 4px rgb(207, 205,  
212) }
```

Background

The CSS property to change the background color of an element to XYZ 59.4471, 61.6815, 71.0599 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 205, 212) }
```

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

```
.background{ background-color: rgb(207,  
205, 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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