

Converting Colors

XYZ(59.0721, 61.5315, 69.0849)

Have a look what the booklet for
XYZ(59.0721, 61.5315, 69.0849)
contains.

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Color

**XYZ(59.0721, 61.5315,
69.0849)**

Conversions

Conversions Part 1

Format	Color
Hex	CFCDD1
RGB	207, 205, 209
RGB Percent	81%, 80%, 82%
CMY	0.1882, 0.1961, 0.1804
CMYK	0.01, 0.02, 0.00, 0.18
HSL	270°, 4%, 81%
HSV	270°, 2%, 82%
XYZ	59.0721, 61.5315, 69.0849
YIQ	206.0540, -0.0920, 1.6680

Conversions

Conversions Part 2

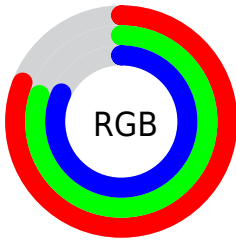
Format	Color
R_{YB}	207, 205, 209
Decimal	13618641
CIE Lab	82.66, 1.42, -1.75
CIE LCh	83, 2.253, 309.099
Yxy	61.5315, 0.3114, 0.3244
Android (android.graphics.Color)	4291808721 (0xFFCFCDD1)
YUV	206.0540, 1.4524, 0.8296
Hunter-Lab	78.4420, -2.8511, 2.6919

Details

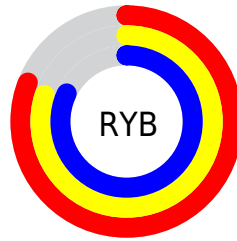
The XYZ color **59.0721, 61.5315, 69.0849** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **59.5543, 63.2757, 66.8353**, and the grayscale version is **58.6933, 61.7500, 67.2457**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **30.1199, 31.2721, 35.4590** is the 20% darker color. If you saturate the color by 10%, you get **51.5776, 50.7368, 67.3972**, and if you desaturate by 10%, it is **67.4315, 73.7669, 71.0069**.

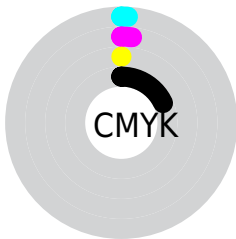
Distribution



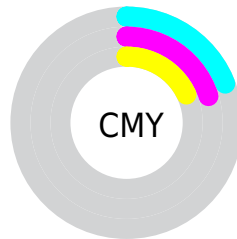
- Red (81%)
- Green (80%)
- Blue (82%)



- Red (81%)
- Yellow (80%)
- Blue (82%)



- Cyan (1%)
- Magenta (2%)
- Yellow (0%)
- Black (18%)



- Cyan (19%)
- Magenta (20%)
- Yellow (18%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.0721, 61.5315, 69.0849 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 59.0721, 61.5315, 69.0849 by changing the saturation by 10% instead.

■ 59.0721, 61.5315,
69.0849

■ 59.0721, 61.5315,
69.0849

411.0588,
430.2201, 476.0324

■ 42.9178, 44.6542,
50.3087

102.5965,
107.0481, 119.5717

■ 30.0148, 31.1852,
35.2858

130.6972,
136.4563, 152.1193

■ 19.9980, 20.7399,
23.5978

163.5108,
170.8102, 190.0945

■ 12.5018, 12.9340,
14.8261

201.4026,
210.4943, 233.9157

■ 7.1610, 7.3831,
8.5522

244.7379,
255.8929, 284.0016

■ 3.6102, 3.7028,
4.3575

293.8822,

■ 1.4841, 1.5088,

307.3905, 340.7706

1.8234

349.2007,
365.3714, 404.6414

■ 0.3150, 0.2949,
0.4433

■ 0.0000, 0.0000,
0.0000

■ 59.0721, 61.5315,
69.0849

■ 59.0721, 61.5315,
69.0849

■ 51.5776, 50.7368,
67.3972

■ 67.4315, 73.7669,
71.0069

■ 44.9127, 41.3204,
65.9310

■ 76.6790, 87.4866,
73.1677

■ 39.0473, 33.2269,
64.6779

■ 82.6553, 94.3659,
74.1805

■ 33.9474, 26.3941,
63.6278

■ 86.2770, 96.2330,
74.3500

■ 29.5764, 20.7548,
62.7697

■ 88.5088, 97.3835,
74.4545

■ 25.8941, 16.2350,
62.0914

■ 22.8561, 12.7524,
61.5793

■ 20.4120, 10.2129,
61.2179

■ 18.5019, 8.5039,
60.9888

Harmonies

Analogous

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



58.6310, 61.5315, 69.6608



59.0721, 61.5315, 69.0849



59.3566, 61.5315, 67.9517

Triad

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



59.0721, 61.5315, 69.0849



58.8161, 61.5315, 64.5407



57.5707, 61.5315, 67.4192

Complementary

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



59.0721, 61.5315, 69.0849



59.5543, 63.2757, 66.8353

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.



57.6197, 61.5315, 66.0520



59.0721, 61.5315, 69.0849



58.3370, 61.5315, 64.4026

Square

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



59.0721, 61.5315, 69.0849



59.2083, 61.5315, 65.3322



57.8995, 61.5315, 64.9523



57.7653, 61.5315, 68.6905

Rectangle

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



59.0721, 61.5315, 69.0849



59.4183, 61.5315, 67.0392



57.8995, 61.5315, 64.9523



57.5592, 61.5315, 66.9555

Sweetspot

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



59.0739, 61.5341, 69.0862



93.7740, 98.1426, 108.6087



59.0167, 62.2428, 69.2260



20.0850, 21.0261, 23.2498



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.



59.0739, 61.5341, 69.0862



92.5119, 96.3083, 108.3212



59.6173, 61.8143, 69.1117



12.9748, 13.5173, 15.1689



10.7595, 4.7270, 37.5378



0.6931, 0.3115, 2.1032

Inverse Universe

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



59.3904, 61.7257, 67.8186



93.0370, 96.6261, 106.2186



59.0174, 62.9989, 66.8102



13.0432, 13.5587, 14.8950



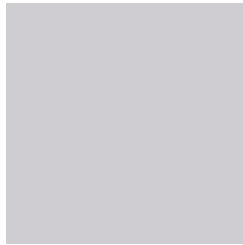
17.8211, 9.0013, 9.2303



1.0365, 0.5193, 0.7270

Previews

White Background



This preview shows how the XYZ color 59.0721, 61.5315, 69.0849 looks on a white background.

Color Contrast Check

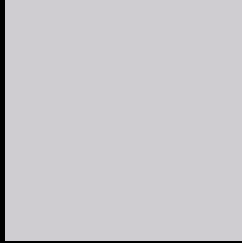
Large Text (above 18pt) WCAG AA × Fail

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 59.0721, 61.5315, 69.0849 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

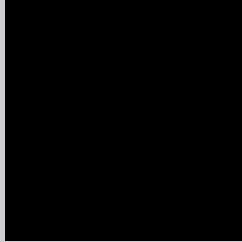
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

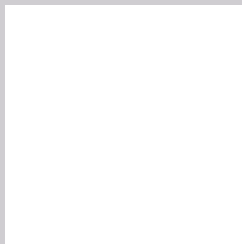
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 59.0721, 61.5315, 69.0849

Background



This preview shows how black text looks on a background with the XYZ color 59.0721, 61.5315, 69.0849.

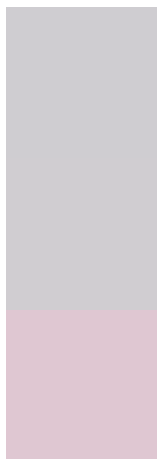


This preview shows how white text looks on a background with the XYZ color 59.0721, 61.5315,

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

59.0721, 61.5315, 69.0849

Protanopia

59.3524, 61.6760, 69.0981

Deuteranopia

62.4877, 61.1880, 69.4898



Tritanopia

60.4366, 61.3817, 75.6803

Trichromacy



Original Color

59.0721, 61.5315, 69.0849

Protanomaly

59.3524, 61.6760, 69.0981

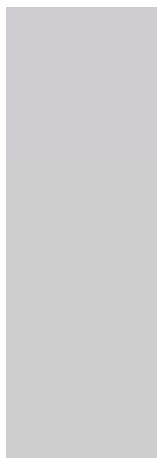
Deuteranomaly

61.1348, 61.1781, 69.5592

Tritanomaly

59.8710, 61.5019, 73.0055

Monochromacy



Original Color

59.0721, 61.5315, 69.0849

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

58.7874, 61.7694, 67.8557

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.0721, 61.5315, 69.0849 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, 209) looks like.

```
.text, #text, p{  
    color:rgb(207, 205, 209)  
}
```

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, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 205, 209) }
```

Border

The CSS property to change the border of an element to XYZ 59.0721, 61.5315, 69.0849 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, 209) }
```


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

```
.border{ border-color:rgb(207, 205, 209) }
```

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, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 205, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 205, 209);  
box-shadow:4px 4px 4px 4px rgb(207, 205,  
209) }
```

Background

The CSS property to change the background color of an element to XYZ 59.0721, 61.5315, 69.0849 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, 209) }
```

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

```
.background{ background-color: rgb(207,  
205, 209) }
```

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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