

Converting Colors

XYZ(58.5251, 61.2190, 69.1184)

Have a look what the booklet for
XYZ(58.5251, 61.2190, 69.1184)
contains.

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Color

**XYZ(58.5168, 61.2452,
69.0589)**

Conversions

Conversions Part 1

Format	Color
Hex	CDCDD1
RGB	205, 205, 209
RGB Percent	80%, 80%, 82%
CMY	0.1961, 0.1961, 0.1804
CMYK	0.02, 0.02, 0.00, 0.18
HSL	240°, 4%, 81%
HSV	240°, 2%, 82%
XYZ	58.5168, 61.2452, 69.0589
YIQ	205.4560, -1.2840, 1.2440

Conversions

Conversions Part 2

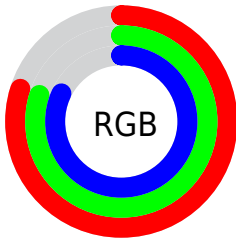
Format	Color
R _Y B	205, 205, 209
Decimal	13487569
CIE Lab	82.51, 0.74, -1.99
CIE LCh	83, 2.125, 290.397
Yxy	61.2452, 0.3099, 0.3244
Android (android.graphics.Color)	4291677649 (0xFFCDD1)
YUV	205.4560, 1.7472, -0.3999
Hunter-Lab	78.2593, -3.4841, 2.4618

Details

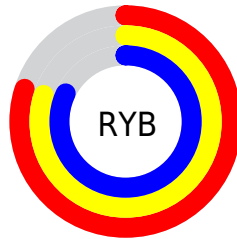
The XYZ color **58.5168, 61.2452, 69.0589** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **60.1145, 63.5634, 66.8592**, and the grayscale version is **58.3100, 61.3466, 66.8065**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **29.7455, 31.0791, 35.4415** is the 20% darker color. If you saturate the color by 10%, you get **48.4659, 49.1377, 67.2526**, and if you desaturate by 10%, it is **70.0081, 75.0885, 71.1262**.

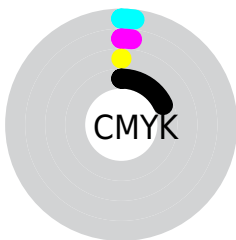
Distribution



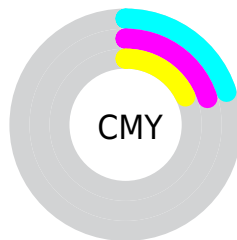
- Red (80%)
- Green (80%)
- Blue (82%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.5168, 61.2452, 69.0589 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 58.5168, 61.2452, 69.0589 by changing the saturation by 10% instead.

■ 58.5168, 61.2452,
69.0589

■ 58.5168, 61.2452,
69.0589

409.0318,
429.1725, 475.9382

■ 42.4691, 44.4231,
50.2876

101.7937,
106.6339, 119.5342

■ 29.6615, 31.0033,
35.2692

129.7537,
135.9692, 152.0753

■ 19.7286, 20.6013,
23.5851

162.4151,
170.2445, 190.0434

■ 12.3050, 12.8329,
14.8168

200.1433,
209.8440, 233.8571

■ 7.0255, 7.3136,
8.5457

243.3038,
255.1521, 283.9349

■ 3.5245, 3.6590,
4.3533

292.2618,

■ 1.4368, 1.4847,

306.5533, 340.6953

1.8211

347.3827,
364.4320, 404.5569

■ 0.2822, 0.2779,
0.4418

■ 0.0000, 0.0000,
0.0000

■ 58.5168, 61.2452,
69.0589

■ 58.5168, 61.2452,
69.0589

■ 48.4659, 49.1377,
67.2526

■ 70.0081, 75.0885,
71.1262

■ 39.7937, 38.6901,
65.6931

■ 82.9879, 90.7239,
73.4600

■ 32.4416, 29.8324,
64.3709

■ 88.5088, 97.3835,
74.4545

■ 26.3449, 22.4868,
63.2743

■ 21.4335, 16.5688,
62.3909

■ 17.6304, 11.9856,
61.7067

■ 14.8494, 8.6336,
61.2063

■ 12.9918, 6.3939,
60.8719

■ 11.9394, 5.1243,
60.6823

Harmonies

Analogous

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



58.0661, 61.2452, 69.1837



58.5168, 61.2452, 69.0589



58.8876, 61.2452, 68.2937

Triad

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



58.5168, 61.2452, 69.0589



58.7705, 61.2452, 64.7760



57.3544, 61.2452, 66.2690

Complementary

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



58.5168, 61.2452, 69.0589



60.1145, 63.5634, 66.8592

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.



57.5411, 61.2452, 65.1030



58.5168, 61.2452, 69.0589



58.3576, 61.2452, 64.2484

Square

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



58.5168, 61.2452, 69.0589



59.0346, 61.2452, 65.8172



57.9077, 61.2452, 64.3673



57.3965, 61.2452, 67.5616

Rectangle

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



58.5168, 61.2452, 69.0589



59.0388, 61.2452, 67.5288



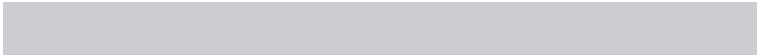
57.9077, 61.2452, 64.3673



57.3924, 61.2452, 65.8495

Sweetspot

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



58.5185, 61.2478, 69.0602



93.3106, 97.9046, 108.5872



59.4786, 63.1812, 69.3395



19.9906, 20.9777, 23.2454



0.0000, 0.0000, 0.0000



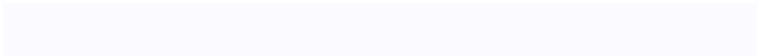
20.3446, 21.4041, 23.3091

Same Dimension

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



58.5185, 61.2478, 69.0602



91.5943, 95.8371, 108.2786



59.0544, 61.5230, 69.0851



12.8552, 13.4559, 15.1634



7.0973, 2.8412, 37.3668



0.3971, 0.1594, 2.0894

Inverse Universe

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



59.1466, 61.6269, 66.5385



92.6348, 96.4652, 104.1009



59.5716, 63.2847, 66.8340



12.9908, 13.5378, 14.6188



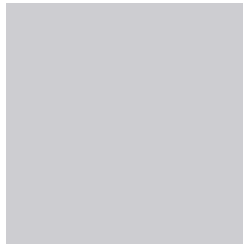
16.2131, 8.3581, 0.7626



0.9067, 0.4674, 0.0434

Previews

White Background



This preview shows how the XYZ color 58.5168, 61.2452, 69.0589 looks on a white background.

Color Contrast Check

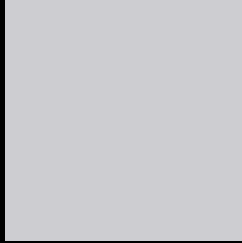
Large Text (above 18pt) WCAG AA × Fail

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 58.5168, 61.2452, 69.0589 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

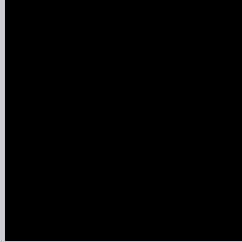
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

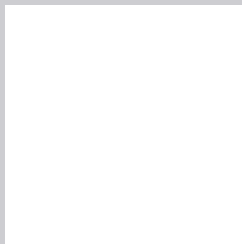
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 58.5168, 61.2452, 69.0589

Background



This preview shows how black text looks on a background with the XYZ color 58.5168, 61.2452, 69.0589.

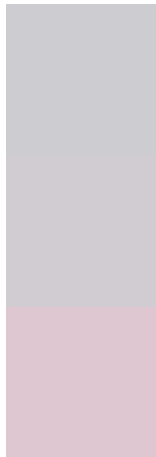


This preview shows how white text looks on a background with the XYZ color 58.5168, 61.2452,

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

58.5168, 61.2452, 69.0589

Protanopia

59.1139, 61.1991, 69.0186

Deuteranopia

62.4877, 61.1880, 69.4898



Tritanopia

59.8742, 61.0917, 75.6540

Trichromacy



Original Color

58.5168, 61.2452, 69.0589

Protanomaly

58.8336, 61.0546, 69.0054

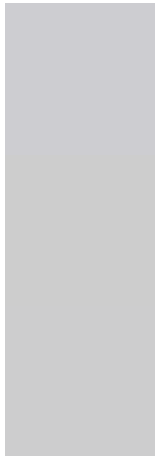
Deuteranomaly

60.8384, 61.0254, 69.5453

Tritanomaly

59.3122, 61.2138, 72.9793

Monochromacy



Original Color

58.5168, 61.2452, 69.0589

Achromatopsia

58.0276, 61.0496, 66.4830

Achromatomaly

58.1487, 61.0980, 67.1208

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.5168, 61.2452, 69.0589 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(205, 205, 209) looks like.

```
.text, #text, p{  
    color:rgb(205, 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(205, 205, 209) colored shadow looks like.

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

Border

The CSS property to change the border of an element to XYZ 58.5168, 61.2452, 69.0589 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(205, 205, 209) }
```


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

```
.border{ border-color:rgb(205, 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(205, 205, 209)` colored shadow looks like.

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

Background

The CSS property to change the background color of an element to XYZ 58.5168, 61.2452, 69.0589 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 205, 209) }
```

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

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