

Converting Colors

XYZ(59.1866, 61.2517, 68.9458)

Have a look what the booklet for
XYZ(59.1866, 61.2517, 68.9458)
contains.

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Color

**XYZ(59.1139, 61.1991,
69.0186)**

Conversions

Conversions Part 1

Format	Color
Hex	D0CCD1
RGB	208, 204, 209
RGB Percent	82%, 80%, 82%
CMY	0.1843, 0.2000, 0.1804
CMYK	0.00, 0.02, 0.00, 0.18
HSL	288°, 5%, 81%
HSV	288°, 2%, 82%
XYZ	59.1139, 61.1991, 69.0186
YIQ	205.7660, 0.7790, 2.4030

Conversions

Conversions Part 2

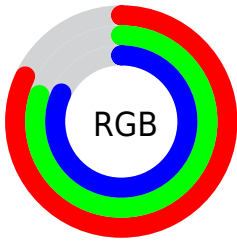
Format	Color
R _Y B	208, 204, 209
Decimal	13683921
CIE Lab	82.49, 2.29, -2.00
CIE LCh	82, 3.040, 318.845
Yxy	61.1991, 0.3122, 0.3232
Android (android.graphics.Color)	4291874001 (0xFFD0CCD1)
YUV	205.7660, 1.5944, 1.9592
Hunter-Lab	78.2299, -2.0198, 2.4521

Details

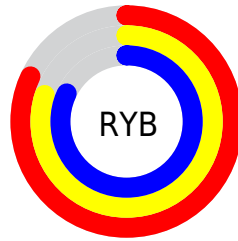
The XYZ color **59.1139, 61.1991, 69.0186** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **58.8788, 62.9414, 66.1756**, and the grayscale version is **58.5079, 61.5548, 67.0332**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **30.1492, 31.0493, 35.4144** is the 20% darker color. If you saturate the color by 10%, you get **53.3158, 51.3254, 67.4193**, and if you desaturate by 10%, it is **65.6132, 72.4273, 70.8442**.

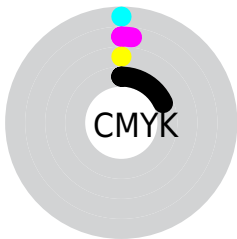
Distribution



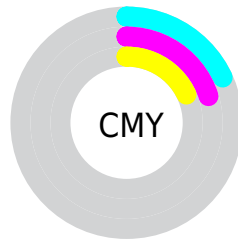
- Red (82%)
- Green (80%)
- Blue (82%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.1139, 61.1991, 69.0186 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 59.1139, 61.1991, 69.0186 by changing the saturation by 10% instead.

■ 59.1139, 61.1991,
69.0186

■ 59.1139, 61.1991,
69.0186

411.2112,
429.0036, 475.7923

■ 42.9515, 44.3859,
50.2550

102.6569,
106.5672, 119.4761

■ 30.0414, 30.9740,
35.2435

130.7682,
135.8908, 152.0071

■ 20.0183, 20.5790,
23.5654

163.5932,
170.1533, 189.9643

■ 12.5167, 12.8166,
14.8024

201.4973,
209.7392, 233.7662

■ 7.1713, 7.3024,
8.5357

244.8457,
255.0327, 283.8314

■ 3.6167, 3.6519,
4.3470

294.0040,

■ 1.4877, 1.4808,

306.4184, 340.5785

1.8175

349.3373,
364.2806, 404.4259

■ 0.3174, 0.2752,
0.4395

■ 0.0000, 0.0000,
0.0000

■ 59.1139, 61.1991,
69.0186

■ 59.1139, 61.1991,
69.0186

■ 53.3158, 51.3254,
67.4193

■ 65.6132, 72.4273,
70.8442

■ 48.1869, 42.7453,
66.0335

■ 72.8334, 85.0519,
72.9005

■ 43.7007, 35.4053,
64.8532

■ 76.9516, 91.4256,
73.9137

■ 39.8268, 29.2448,
63.8683

■ 78.2381, 92.0888,
73.9739

36.5322, 24.1982,
63.0678

79.5565, 92.7685,
74.0356

33.7805, 20.1933,
62.4398

80.9072, 93.4647,
74.0988

31.5314, 17.1496,
61.9709

82.2902, 94.1777,
74.1635

29.7383, 14.9742,
61.6455

83.7058, 94.9075,
74.2298

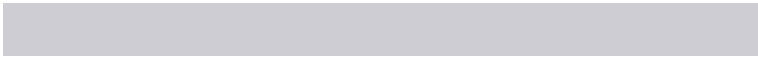
28.3453, 13.5560,
61.4452

85.1543, 95.6542,
74.2975

Harmonies

Analogous

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



58.5725, 61.1991, 70.0802



59.1139, 61.1991, 69.0186



59.4026, 61.1991, 67.3302

Triad

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



59.1139, 61.1991, 69.0186



58.4100, 61.1991, 63.1854



56.9932, 61.1991, 67.7981

Complementary

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



59.1139, 61.1991, 69.0186



58.8788, 62.9414, 66.1756

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.



56.9504, 61.1991, 65.9454



59.1139, 61.1991, 69.0186



57.7652, 61.1991, 63.3054

Square

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



59.1139, 61.1991, 69.0186



58.9942, 61.1991, 63.9769



57.2321, 61.1991, 64.3077



57.3494, 61.1991, 69.3666

Rectangle

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



59.1139, 61.1991, 69.0186



59.4115, 61.1991, 66.0866



57.2321, 61.1991, 64.3077



56.9418, 61.1991, 67.1872

Sweetspot

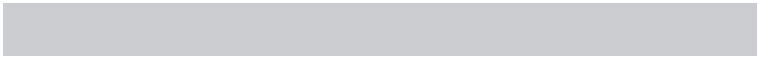
The Sweet Spot groups the original color and five complimentary colors.



59.1156, 61.2017, 69.0199



94.0543, 98.2871, 108.6219



58.2643, 61.1462, 69.0541



20.1420, 21.0555, 23.2525



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.



59.1156, 61.2017, 69.0199



92.0967, 94.9265, 108.0764



59.2232, 61.2774, 68.1140



12.7949, 13.1217, 15.1020



17.0248, 7.9569, 37.8310



1.0123, 0.4760, 2.1181

Inverse Universe

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



58.9090, 61.1517, 66.4595



91.6883, 94.8280, 102.9967



58.7744, 62.8679, 67.0612



12.7246, 13.1048, 14.2235



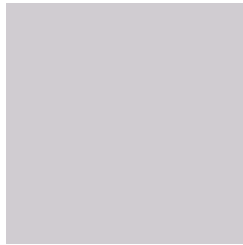
16.4967, 8.4715, 2.2558



0.9512, 0.4852, 0.2781

Previews

White Background



This preview shows how the XYZ color 59.1139, 61.1991, 69.0186 looks on a white background.

Color Contrast Check

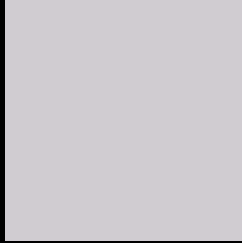
Large Text (above 18pt) WCAG AA × Fail

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 59.1139, 61.1991, 69.0186 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

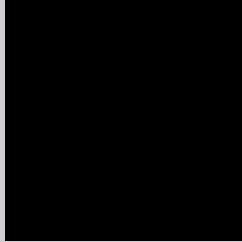
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

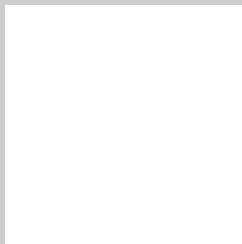
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 59.1139, 61.1991, 69.0186

Background



This preview shows how black text looks on a background with the XYZ color 59.1139, 61.1991, 69.0186.

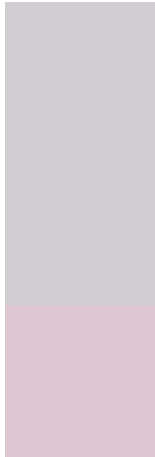


This preview shows how white text looks on a background with the XYZ color 59.1139, 61.1991,

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

59.1139, 61.1991, 69.0186

Protanopia

59.1139, 61.1991, 69.0186

Deuteranopia

62.4877, 61.1880, 69.4898



Tritanopia

60.3053, 61.3291, 74.9889

Trichromacy



Original Color

59.1139, 61.1991, 69.0186

Protanomaly

59.1139, 61.1991, 69.0186

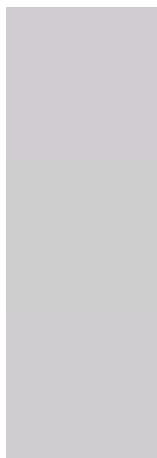
Deuteranomaly

61.4329, 61.3319, 69.5731

Tritanomaly

59.9162, 61.1735, 72.9397

Monochromacy



Original Color

59.1139, 61.1991, 69.0186

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

58.8259, 61.4330, 67.7888

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.1139, 61.1991, 69.0186 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(208, 204, 209) looks like.

```
.text, #text, p{  
    color:rgb(208, 204, 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(208, 204, 209) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 204, 209) }
```

Border

The CSS property to change the border of an element to XYZ 59.1139, 61.1991, 69.0186 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(208, 204, 209) }
```


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

```
.border{ border-color:rgb(208, 204, 209) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 204, 209)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 204, 209); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 204, 209);  
box-shadow:4px 4px 4px 4px rgb(208, 204,  
209) }
```

Background

The CSS property to change the background color of an element to XYZ 59.1139, 61.1991, 69.0186 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 204, 209) }
```

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

```
.background{ background-color: rgb(208,  
204, 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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