

Converting Colors

XYZ(59.3614, 62.1294, 71.4443)

Have a look what the booklet for
XYZ(59.3614, 62.1294, 71.4443)
contains.

XYZ(59.1318, 61.8752, 71.1139)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(59.1318, 61.8752,
71.1139)**

Conversions

Conversions Part 1

Format	Color
Hex	CDCED4
RGB	205, 206, 212
RGB Percent	80%, 81%, 83%
CMY	0.1961, 0.1921, 0.1686
CMYK	0.03, 0.03, 0.00, 0.17
HSL	231°, 8%, 82%
HSV	231°, 3%, 83%
XYZ	59.1318, 61.8752, 71.1139
YIQ	206.3850, -2.5220, 1.6540

Conversions

Conversions Part 2

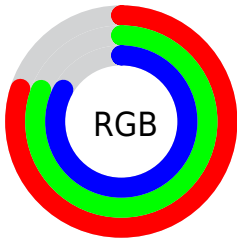
Format	Color
R _Y B	205, 206, 212
Decimal	13487828
CIE Lab	82.85, 0.77, -3.10
CIE LCh	83, 3.194, 284.031
Yxy	61.8752, 0.3078, 0.3221
Android (android.graphics.Color)	4291677908 (0xFFCDCED4)
YUV	206.3850, 2.7682, -1.2146
Hunter-Lab	78.6608, -3.4723, 1.4610

Details

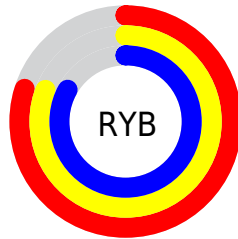
The XYZ color **59.1318, 61.8752, 71.1139** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **61.4652, 64.9927, 67.0638**, and the grayscale version is **58.8983, 61.9656, 67.4806**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **30.0765, 31.4701, 36.3874** is the 20% darker color. If you saturate the color by 10%, you get **49.5533, 50.8190, 69.4856**, and if you desaturate by 10%, it is **70.0115, 74.3556, 72.9504**.

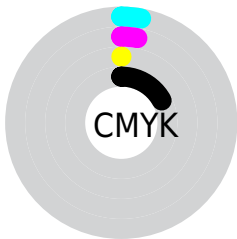
Distribution



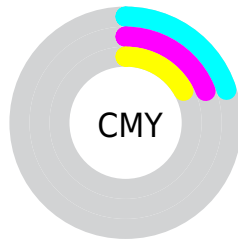
- Red (80%)
- Green (81%)
- Blue (83%)



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



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



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.1318, 61.8752, 71.1139 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 59.1318, 61.8752, 71.1139 by changing the saturation by 10% instead.

■ 59.1318, 61.8752,
71.1139

■ 59.1318, 61.8752,
71.1139

411.2764,
431.4757, 483.3459

■ 42.9660, 44.9319,
51.9527

102.6827,
107.5451, 122.4919

■ 30.0528, 31.4038,
36.5854

130.7986,
137.0405, 155.5458

■ 20.0270, 20.9065,
24.5934

163.6285,
171.4887, 194.0676

■ 12.5230, 13.0557,
15.5581

201.5378,
211.2741, 238.4761

■ 7.1757, 7.4669,
9.0611

244.8919,
256.7812, 289.1895

■ 3.6195, 3.7558,
4.6837

294.0561,

■ 1.4892, 1.5379,

308.3942, 346.6267

2.0074

349.3958,
366.4975, 411.2059

■ 0.3185, 0.3152,
0.5598

■ 0.0000, 0.0000,
0.0000

■ 59.1318, 61.8752,
71.1139

■ 59.1318, 61.8752,
71.1139

■ 49.5533, 50.8190,
69.4856

■ 70.0115, 74.3556,
72.9504

■ 41.2218, 41.1284,
68.0543

■ 82.2332, 88.3003,
74.9978

■ 34.0873, 32.7527,
66.8136

■ 88.8838, 97.5335,
76.4295

■ 28.0943, 25.6346,
65.7556

■ 23.1829, 19.7129,
64.8714

■ 19.2875, 14.9210,
64.1518

■ 16.3355, 11.1857,
63.5864

■ 14.2442, 8.4249,
63.1637

■ 12.9158, 6.5439,
62.8707

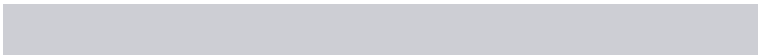
Harmonies

Analogous

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



58.4474, 61.8752, 71.0795



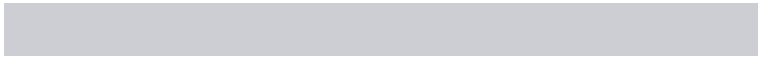
59.1318, 61.8752, 71.1139



59.7347, 61.8752, 70.1319

Triad

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



59.1318, 61.8752, 71.1139



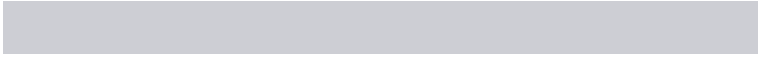
59.7666, 61.8752, 64.7728



57.5480, 61.8752, 66.3348

Complementary

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



59.1318, 61.8752, 71.1139



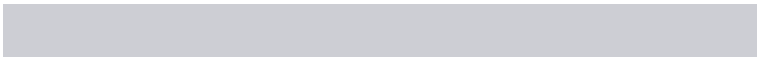
61.4652, 64.9927, 67.0638

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.



57.8960, 61.8752, 64.6846



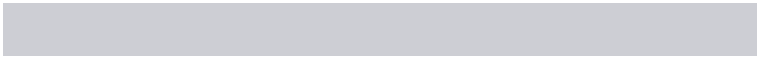
59.1318, 61.8752, 71.1139



59.1752, 61.8752, 63.7949

Square

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



59.1318, 61.8752, 71.1139



60.1031, 61.8752, 66.4573



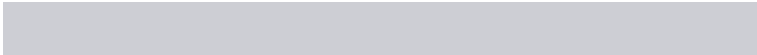
58.4904, 61.8752, 63.7629



57.5366, 61.8752, 68.2942

Rectangle

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



59.1318, 61.8752, 71.1139



60.0077, 61.8752, 69.0440



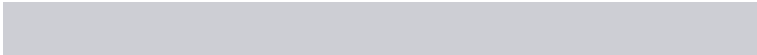
58.4904, 61.8752, 63.7629



57.6294, 61.8752, 65.7264

Sweetspot

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



59.1336, 61.8778, 71.1153



93.4251, 98.1337, 108.6254



60.4729, 64.7678, 70.9103



20.0139, 21.0243, 23.2532



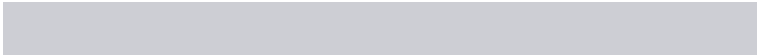
0.0000, 0.0000, 0.0000



20.3446, 21.4041, 23.3091

Same Dimension

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



59.1336, 61.8778, 71.1153



88.6720, 92.6676, 107.8209



59.5740, 61.7474, 71.0669



12.9116, 13.4774, 15.8584



7.6732, 3.6082, 38.7452



0.5099, 0.3119, 2.3526

Inverse Universe

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



60.1246, 62.1171, 67.2165



90.5067, 93.1138, 100.6023



61.0143, 65.1314, 67.1144



13.2256, 13.5542, 14.6232



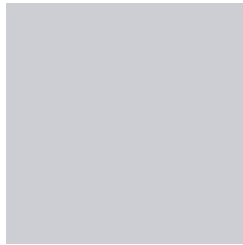
16.9319, 8.7091, 1.6797



1.0450, 0.5348, 0.2266

Previews

White Background



This preview shows how the XYZ color 59.1318, 61.8752, 71.1139 looks on a white background.

Color Contrast Check

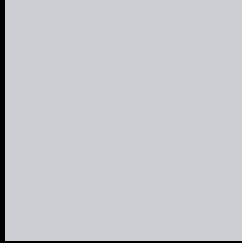
Large Text (above 18pt) WCAG AA × Fail

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 59.1318, 61.8752, 71.1139 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

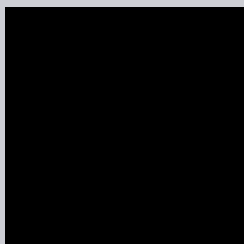
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

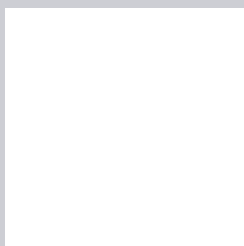
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 59.1318, 61.8752, 71.1139

Background



This preview shows how black text looks on a background with the XYZ color 59.1318, 61.8752, 71.1139.

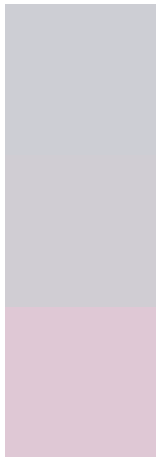


This preview shows how white text looks on a background with the XYZ color 59.1318, 61.8752,

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

59.1318, 61.8752, 71.1139

Protanopia

59.6016, 61.7757, 70.4106

Deuteranopia

63.0959, 61.8006, 71.5540



Tritanopia

60.3361, 62.0049, 77.1947

Trichromacy



Original Color

59.1318, 61.8752, 71.1139

Protanomaly

59.3213, 61.6312, 70.3975

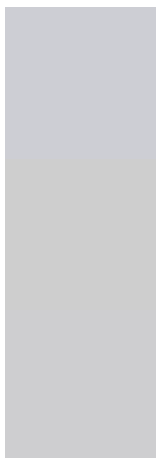
Deuteranomaly

61.4497, 61.6441, 71.6105

Tritanomaly

59.9398, 61.8464, 75.1081

Monochromacy



Original Color

59.1318, 61.8752, 71.1139

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 59.1318, 61.8752, 71.1139 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, 206, 212) looks like.

```
.text, #text, p{  
    color:rgb(205, 206, 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(205, 206, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 206, 212) }
```

Border

The CSS property to change the border of an element to XYZ 59.1318, 61.8752, 71.1139 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, 206, 212) }
```


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

```
.border{ border-color:rgb(205, 206, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 206, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 206, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 206, 212);  
box-shadow:4px 4px 4px 4px rgb(205, 206,  
212) }
```

Background

The CSS property to change the background color of an element to XYZ 59.1318, 61.8752, 71.1139 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 206, 212) }
```

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

```
.background{ background-color: rgb(205,  
206, 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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