

Converting Colors

XYZ(58.9978, 63.0912, 61.7163)

Have a look what the booklet for
XYZ(58.9978, 63.0912, 61.7163)
contains.

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Color

**XYZ(59.1730, 63.1875,
61.9010)**

Conversions

Conversions Part 1

Format	Color
Hex	D1D1C5
RGB	209, 209, 197
RGB Percent	82%, 82%, 77%
CMY	0.1804, 0.1804, 0.2274
CMYK	0.00, 0.00, 0.06, 0.18
HSL	60°, 12%, 80%
HSV	60°, 6%, 82%
XYZ	59.1730, 63.1875, 61.9010
YIQ	207.6320, 3.8520, -3.7320

Conversions

Conversions Part 2

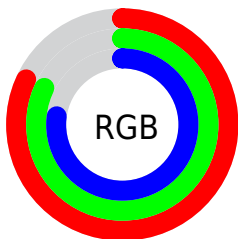
Format	Color
RYB	197, 209, 197
Decimal	13750725
CIELab	83.54, -2.12, 5.94
CIELCh	84, 6.306, 109.620
Yxy	63.1875, 0.3211, 0.3429
Android (android.graphics.Color)	4291940805 (0xFFD1D1C5)
YUV	207.6320, -5.2416, 1.1997
Hunter-Lab	79.4906, -6.2326, 9.4730

Details

The XYZ color **59.1730, 63.1875, 61.9010** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **54.5034, 56.4080, 68.3402**, and the grayscale version is **59.7486, 62.8602, 68.4547**.

A 20% lighter version of the original color is **94.8894, 99.9358, 108.0543**, and **30.1968, 32.3944, 30.6478** is the 20% darker color. If you saturate the color by 10%, you get **56.9409, 62.2965, 50.1501**, and if you desaturate by 10%, it is **61.7407, 64.2169, 75.4035**.

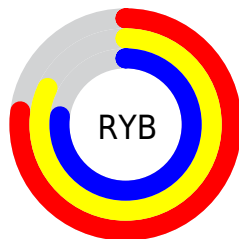
Distribution



Red (82%)

Green (82%)

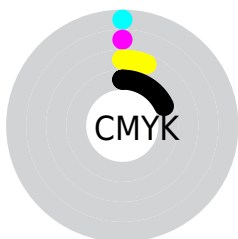
Blue (77%)



Red (77%)

Yellow (82%)

Blue (77%)

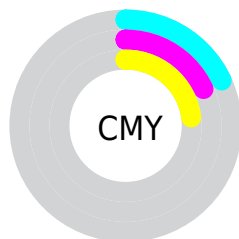


Cyan (0%)

Magenta (0%)

Yellow (6%)

Black (18%)



Cyan (18%)

Magenta (18%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.1730, 63.1875, 61.9010 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 59.1730, 63.1875, 61.9010 by changing the saturation by 10% instead.

■ 59.1730, 63.1875,
61.9010

■ 59.1730, 63.1875,
61.9010

411.4265,
436.2496, 449.5676

■ 42.9993, 45.9929,
44.5174

102.7422,
109.4400, 109.1526

■ 30.0791, 32.2402,
30.7373

130.8685,
139.2666, 139.8578

■ 20.0470, 21.5451,
20.1421

163.7097,
174.0728, 175.8406

■ 12.5377, 13.5230,
12.3133

201.6311,
214.2428, 217.5195

■ 7.1858, 7.7897,
6.8323

244.9981,
260.1611, 265.3131

■ 3.6259, 3.9607,
3.2806

294.1761,

■ 1.4928, 1.6516,

312.2121, 319.6400

1.2396

349.5305,
370.7802, 380.9186

■ 0.3209, 0.3920,
0.0115

■ 0.0000, 0.0000,
0.0000

■ 59.1730, 63.1875,
61.9010

■ 59.1730, 63.1875,
61.9010

■ 56.9409, 62.2965,
50.1501

■ 61.7407, 64.2169,
75.4035

■ 55.0256, 61.5301,
40.0751

■ 64.6516, 65.3815,
90.7209

■ 53.4143, 60.8853,
31.6009

■ 67.1528, 66.3822,
103.8815

■ 52.0913, 60.3559,
24.6453

■ 67.1549, 66.3833,
103.8816

■ 51.0397, 59.9350,
19.1185

■ 67.1570, 66.3844,
103.8816

■ 50.2406, 59.6151,
14.9213

■ 67.1591, 66.3854,
103.8817

■ 49.6727, 59.3877,
11.9421

■ 67.1612, 66.3865,
103.8818

■ 49.3115, 59.2430,
10.0508

■ 67.1633, 66.3876,
103.8819

■ 49.1264, 59.1687,
9.0870

■ 67.1654, 66.3887,
103.8820

Harmonies

Analogous

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



60.5362, 63.1875, 61.6068



59.1730, 63.1875, 61.9010



58.0630, 63.1875, 64.0030

Triad

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



59.1730, 63.1875, 61.9010



58.3585, 63.1875, 74.7410



62.7005, 63.1875, 70.1760

Complementary

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



59.1730, 63.1875, 61.9010



54.5034, 56.4080, 68.3402

Split Complementary

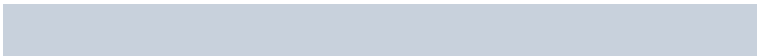
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



62.0978, 63.1875, 73.8318



59.1730, 63.1875, 61.9010



59.5819, 63.1875, 76.5334

Square

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



59.1730, 63.1875, 61.9010



57.5978, 63.1875, 71.3786



60.9514, 63.1875, 76.1944



62.5869, 63.1875, 66.2851

Rectangle

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



59.1730, 63.1875, 61.9010



57.6095, 63.1875, 66.1929



60.9514, 63.1875, 76.1944



62.5746, 63.1875, 71.4755

Sweetspot

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



59.1747, 63.1902, 61.9024



94.2390, 99.6755, 104.6327



56.3408, 57.5206, 60.9574



20.1795, 21.3381, 22.4404



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.



59.1747, 63.1902, 61.9024



92.3057, 98.9020, 94.4607



57.5095, 62.3318, 61.8244



12.8984, 13.8356, 13.1020



30.2577, 36.4674, 5.4442



1.6920, 2.0391, 0.3044

Inverse Universe

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



54.5034, 56.4080, 68.3402



83.3549, 85.9067, 106.7961



56.1054, 57.2339, 68.4152



11.5704, 11.9075, 14.9322



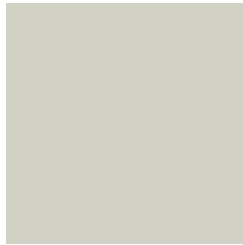
7.0966, 2.8387, 37.3664



0.3969, 0.1588, 2.0893

Previews

White Background



This preview shows how the XYZ color 59.1730, 63.1875, 61.9010 looks on a white background.

Color Contrast Check

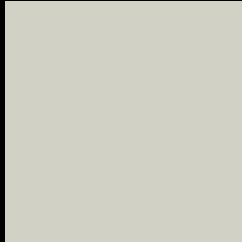
Large Text (above 18pt) WCAG AA × Fail

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 59.1730, 63.1875, 61.9010 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

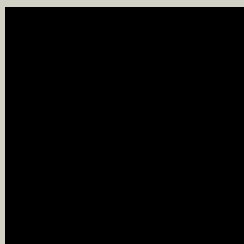
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

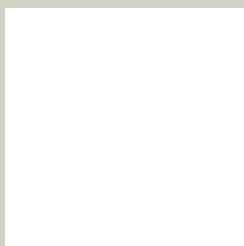
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 59.1730, 63.1875, 61.9010

Background



This preview shows how black text looks on a background with the XYZ color 59.1730, 63.1875, 61.9010.



This preview shows how white text looks on a background with the XYZ color 59.1730, 63.1875,

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

59.1730, 63.1875, 61.9010

Protanopia

60.3010, 63.0582, 61.2178

Deuteranopia

64.4742, 63.0526, 62.8050



Tritanopia

62.4567, 63.0827, 77.9916

Trichromacy



Original Color

59.1730, 63.1875, 61.9010

Protanomaly

59.9603, 63.2434, 61.2715

Deuteranomaly

62.5264, 63.1102, 62.3121

Tritanomaly

61.2329, 62.9438, 71.8728

Monochromacy



Original Color

59.1730, 63.1875, 61.9010

Achromatopsia

59.9535, 63.0757, 68.6895

Achromatomaly

59.4674, 62.8813, 66.1298

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.1730, 63.1875, 61.9010 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(209, 209, 197) looks like.

```
.text, #text, p{  
    color:rgb(209, 209, 197)  
}
```

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(209, 209, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 209, 197) }
```

Border

The CSS property to change the border of an element to XYZ 59.1730, 63.1875, 61.9010 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(209, 209, 197) }
```


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

```
.border{ border-color:rgb(209, 209, 197) }
```

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

Here you see how a box with a 4 pixel rgb(209, 209, 197) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 209, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 209, 197);  
box-shadow:4px 4px 4px 4px rgb(209, 209,  
197) }
```

Background

The CSS property to change the background color of an element to XYZ 59.1730, 63.1875, 61.9010 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 209, 197) }
```

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

```
.background{ background-color: rgb(209,  
209, 197) }
```

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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