

Converting Colors

XYZ(59.7150, 63.6596, 62.5498)

Have a look what the booklet for
XYZ(59.7150, 63.6596, 62.5498)
contains.

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Color

**XYZ(59.8180, 63.8720,
62.6019)**

Conversions

Conversions Part 1

Format	Color
Hex	D2D2C6
RGB	210, 210, 198
RGB Percent	82%, 82%, 78%
CMY	0.1765, 0.1765, 0.2235
CMYK	0.00, 0.00, 0.06, 0.18
HSL	60°, 12%, 80%
HSV	60°, 6%, 82%
XYZ	59.8180, 63.8720, 62.6019
YIQ	208.6320, 3.8520, -3.7320

Conversions

Conversions Part 2

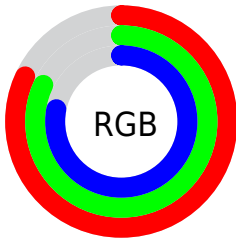
Format	Color
R_{YB}	198, 210, 198
Decimal	13816518
CIE Lab	83.90, -2.12, 5.93
CIE LCh	84, 6.300, 109.620
Yxy	63.8720, 0.3211, 0.3429
Android (android.graphics.Color)	4292006598 (0xFFD2D2C6)
YUV	208.6320, -5.2416, 1.1997
Hunter-Lab	79.9200, -6.2573, 9.5017

Details

The XYZ color **59.8180, 63.8720, 62.6019** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **55.1180, 57.0488, 69.0825**, and the grayscale version is **60.3974, 63.5428, 69.1981**.

A 20% lighter version of the original color is **95.0500, 100.0000, 108.9000**, and **30.6328, 32.8585, 31.1134** is the 20% darker color. If you saturate the color by 10%, you get **57.5606, 62.9709, 50.7164**, and if you desaturate by 10%, it is **62.4148, 64.9130, 76.2591**.

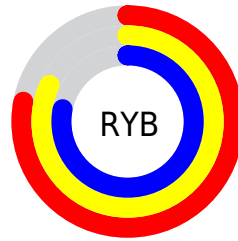
Distribution



Red (82%)

Green (82%)

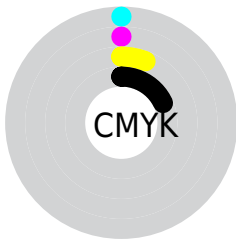
Blue (78%)



Red (78%)

Yellow (82%)

Blue (78%)

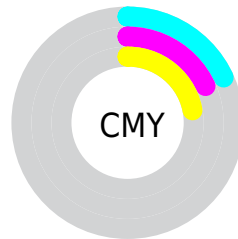


Cyan (0%)

Magenta (0%)

Yellow (6%)

Black (18%)



Cyan (18%)

Magenta (18%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.8180, 63.8720, 62.6019 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 59.8180, 63.8720, 62.6019 by changing the saturation by 10% instead.

■ 59.8180, 63.8720,
62.6019

■ 59.8180, 63.8720,
62.6019

413.7721,
438.7273, 452.1914

■ 43.5209, 46.5470,
45.0803

103.6735,
110.4266, 110.1750

■ 30.4903, 32.6777,
31.1773

131.9625,
140.4249, 141.0636

■ 20.3609, 21.8797,
20.4743

164.9795,
175.4166, 177.2449

■ 12.7675, 13.7685,
12.5528

203.0899,
215.7858, 219.1375

■ 7.3445, 7.9598,
6.9942

246.6590,
261.9172, 267.1599

■ 3.7267, 4.0693,
3.3801

296.0521,

■ 1.5487, 1.7124,

314.1949, 321.7306

1.2918

351.6347,
373.0035, 383.2683

■ 0.3586, 0.4317,
0.0551

■ 0.0000, 0.0000,
0.0000

■ 59.8180, 63.8720,
62.6019

■ 59.8180, 63.8720,
62.6019

■ 57.5606, 62.9709,
50.7164

■ 62.4148, 64.9130,
76.2591

■ 55.6237, 62.1959,
40.5261

■ 65.3588, 66.0908,
91.7521

■ 53.9942, 61.5439,
31.9551

■ 67.6821, 67.0203,
103.9767

■ 52.6564, 61.0086,
24.9200

■ 67.6839, 67.0213,
103.9768

■ 51.5931, 60.5830,
19.3302

■ 67.6857, 67.0222,
103.9769

■ 50.7851, 60.2597,
15.0853

■ 67.6876, 67.0232,
103.9770

■ 50.2112, 60.0298,
12.0723

■ 67.6894, 67.0241,
103.9771

■ 49.8461, 59.8836,
10.1597

■ 67.6913, 67.0251,
103.9772

■ 49.6593, 59.8087,
9.1853

■ 67.6931, 67.0260,
103.9772

Harmonies

Analogous

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



61.1898, 63.8720, 62.3057



59.8180, 63.8720, 62.6019



58.7010, 63.8720, 64.7177

Triad

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



59.8180, 63.8720, 62.6019



58.9983, 63.8720, 75.5229



63.3675, 63.8720, 70.9298

Complementary

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



59.8180, 63.8720, 62.6019



55.1180, 57.0488, 69.0825

Split Complementary

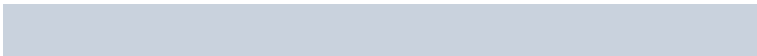
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



62.7611, 63.8720, 74.6081



59.8180, 63.8720, 62.6019



60.2296, 63.8720, 77.3260

Square

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



59.8180, 63.8720, 62.6019



58.2328, 63.8720, 72.1400



61.6076, 63.8720, 76.9850



63.2533, 63.8720, 67.0144

Rectangle

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



59.8180, 63.8720, 62.6019



58.2445, 63.8720, 66.9218



61.6076, 63.8720, 76.9850



63.2408, 63.8720, 72.2374

Sweetspot

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



59.8198, 63.8748, 62.6033



94.2391, 99.6756, 104.6327



56.9674, 58.1686, 61.6522



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.



59.8198, 63.8748, 62.6033



92.3060, 98.9022, 94.4607



58.1438, 63.0108, 62.5248



12.8984, 13.8356, 13.1020



30.2594, 36.4683, 5.4442



1.6920, 2.0391, 0.3044

Inverse Universe

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



55.1180, 57.0488, 69.0825



83.3546, 85.9066, 106.7961



56.7307, 57.8801, 69.1580



11.5703, 11.9075, 14.9322



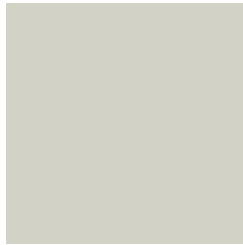
7.0965, 2.8387, 37.3664



0.3969, 0.1588, 2.0893

Previews

White Background



This preview shows how the XYZ color 59.8180, 63.8720, 62.6019 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 59.8180, 63.8720, 62.6019 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

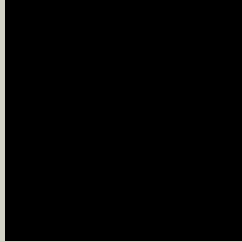
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

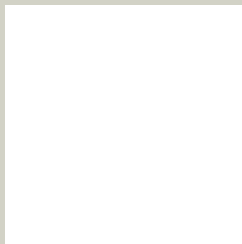
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 59.8180, 63.8720, 62.6019

Background



This preview shows how black text looks on a background with the XYZ color 59.8180, 63.8720, 62.6019.



This preview shows how white text looks on a background with the XYZ color 59.8180, 63.8720,

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

59.8180, 63.8720, 62.6019

Protanopia

60.9528, 63.7419, 61.9142

Deuteranopia

65.1501, 63.7348, 63.5119



Tritanopia

63.1221, 63.7665, 78.7933

Trichromacy



Original Color

59.8180, 63.8720, 62.6019

Protanomaly

60.6101, 63.9283, 61.9682

Deuteranomaly

63.1915, 63.7937, 63.0157

Tritanomaly

61.8910, 63.6268, 72.6375

Monochromacy



Original Color

59.8180, 63.8720, 62.6019

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

60.1144, 63.5640, 66.8583

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.8180, 63.8720, 62.6019 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(210, 210, 198) looks like.

```
.text, #text, p{  
    color:rgb(210, 210, 198)  
}
```

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(210, 210, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 210, 198) }
```

Border

The CSS property to change the border of an element to XYZ 59.8180, 63.8720, 62.6019 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(210, 210, 198) }
```


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

```
.border{ border-color:rgb(210, 210, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 210, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 210, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 210, 198);  
box-shadow:4px 4px 4px 4px rgb(210, 210,  
198) }
```

Background

The CSS property to change the background color of an element to XYZ 59.8180, 63.8720, 62.6019 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 210, 198) }
```

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

```
.background{ background-color: rgb(210,  
210, 198) }
```

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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