

Converting Colors

XYZ(59.8835, 64.5761, 61.6787)

Have a look what the booklet for
XYZ(59.8835, 64.5761, 61.6787)
contains.

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Color

**XYZ(59.8018, 64.6278,
61.5471)**

Conversions

Conversions Part 1

Format	Color
Hex	D1D4C4
RGB	209, 212, 196
RGB Percent	82%, 83%, 77%
CMY	0.1804, 0.1686, 0.2314
CMYK	0.01, 0.00, 0.08, 0.17
HSL	71°, 16%, 80%
HSV	71°, 8%, 83%
XYZ	59.8018, 64.6278, 61.5471
YIQ	209.2790, 3.3480, -5.6120

Conversions

Conversions Part 2

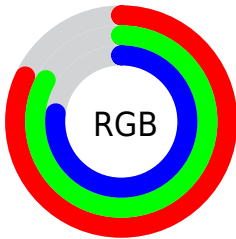
Format	Color
RYB	196, 212, 199
Decimal	13751492
CIELab	84.29, -3.85, 7.55
CIElCh	84, 8.474, 116.993
Yxy	64.6278, 0.3216, 0.3475
Android (android.graphics.Color)	4291941572 (0xFFD1D4C4)
YUV	209.2790, -6.5465, -0.2447
Hunter-Lab	80.3914, -7.9019, 10.8820

Details

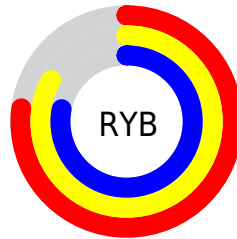
The XYZ color **59.8018, 64.6278, 61.5471** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **55.1793, 56.3772, 70.2644**, and the grayscale version is **60.8279, 63.9957, 69.6913**.

A 20% lighter version of the original color is **94.7296, 99.8718, 107.2129**, and **30.4570, 33.0355, 30.3624** is the 20% darker color. If you saturate the color by 10%, you get **56.4459, 63.1591, 49.6710**, and if you desaturate by 10%, it is **63.5304, 66.2531, 75.2233**.

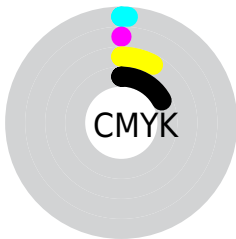
Distribution



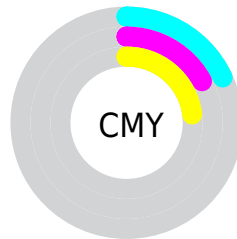
- Red (82%)
- Green (83%)
- Blue (77%)



- Red (77%)
- Yellow (83%)
- Blue (78%)



- Cyan (1%)
- Magenta (0%)
- Yellow (8%)
- Black (17%)



- Cyan (18%)
- Magenta (17%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.8018, 64.6278, 61.5471 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 59.8018, 64.6278, 61.5471 by changing the saturation by 10% instead.

■ 59.8018, 64.6278,
61.5471

■ 59.8018, 64.6278,
61.5471

413.7133,
441.4532, 448.2391

■ 43.5077, 47.1593,
44.2334

103.6501,
111.5146, 108.6359

■ 30.4800, 33.1616,
30.5155

131.9350,
141.7017, 139.2482

■ 20.3530, 22.2503,
19.9748

164.9476,
176.8971, 175.1303

■ 12.7617, 14.0409,
12.1929

203.0533,
217.4853, 216.7010

■ 7.3405, 8.1491,
6.7510

246.6173,
263.8506, 264.3786

■ 3.7242, 4.1905,
3.2308

296.0051,

■ 1.5473, 1.7807,

316.3774, 318.5819

1.2137

351.5820,
375.4502, 379.7292

■ 0.3577, 0.4751,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 59.8018, 64.6278,
61.5471

■ 59.8018, 64.6278,
61.5471

■ 56.4459, 63.1591,
49.6710

■ 63.5304, 66.2531,
75.2233

■ 53.4430, 61.8327,
39.5159

■ 67.6401, 68.0319,
90.7659

■ 50.7794, 60.6452,
31.0030

■ 71.3952, 69.6722,
104.2929

■ 48.4385, 59.5900,
24.0457

■ 72.6209, 70.3041,
104.3503

■ 46.4022, 58.6598,
18.5495

■ 73.8755, 70.9509,
104.4090

■ 44.6502, 57.8464,
14.4097

■ 75.1593, 71.6127,
104.4690

■ 43.1600, 57.1409,
11.5075

■ 76.4723, 72.2896,
104.5305

■ 41.9048, 56.5324,
9.7040

■ 77.8148, 72.9817,
104.5933

■ 40.8479, 56.0063,
8.8066

■ 79.1870, 73.6891,
104.6575

Harmonies

Analogous

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



61.6165, 64.6278, 60.5350



59.8018, 64.6278, 61.5471



58.4471, 64.6278, 64.8823

Triad

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



59.8018, 64.6278, 61.5471



59.4800, 64.6278, 79.4056



65.1051, 64.6278, 70.9128

Complementary

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



59.8018, 64.6278, 61.5471



55.1793, 56.3772, 70.2644

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.



64.5061, 64.6278, 76.1560



59.8018, 64.6278, 61.5471



61.2375, 64.6278, 81.2135

Square

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



59.8018, 64.6278, 61.5471



58.2639, 64.6278, 75.1694



63.0809, 64.6278, 79.9953



64.7021, 64.6278, 65.7769

Rectangle

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



59.8018, 64.6278, 61.5471



57.9740, 64.6278, 68.0658



63.0809, 64.6278, 79.9953



65.0140, 64.6278, 72.7229

Sweetspot

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



59.8036, 64.6306, 61.5485



93.8883, 99.4947, 104.6163



57.5255, 58.8006, 60.5433



20.1082, 21.3013, 22.4370



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.



59.8036, 64.6306, 61.5485



90.0054, 97.8011, 90.5149



57.6148, 63.5023, 61.4461



13.2337, 14.3967, 13.2421



25.1454, 34.5392, 5.3414



1.5770, 2.1144, 0.3250

Inverse Universe

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



55.1793, 56.3772, 70.2644



81.6317, 82.8556, 106.2980



57.3392, 57.4907, 70.3655



11.9580, 12.1197, 15.6466



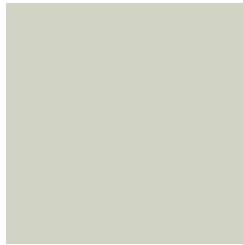
7.9342, 3.2428, 38.6609



0.5444, 0.2295, 2.3349

Previews

White Background



This preview shows how the XYZ color 59.8018, 64.6278, 61.5471 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 59.8018, 64.6278, 61.5471 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

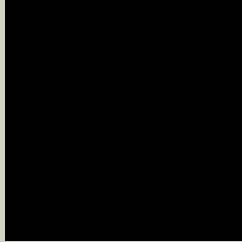
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

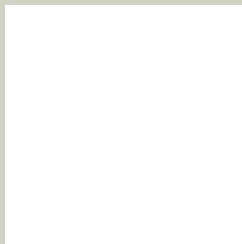
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 59.8018, 64.6278, 61.5471

Background



This preview shows how black text looks on a background with the XYZ color 59.8018, 64.6278, 61.5471.



This preview shows how white text looks on a background with the XYZ color 59.8018, 64.6278,

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

59.8018, 64.6278, 61.5471

Protanopia

61.5642, 64.4465, 60.8244

Deuteranopia

65.8099, 64.4513, 62.3979



Tritanopia

63.4510, 64.6397, 79.6535

Trichromacy



Original Color

59.8018, 64.6278, 61.5471

Protanomaly

60.9213, 64.4804, 60.8648

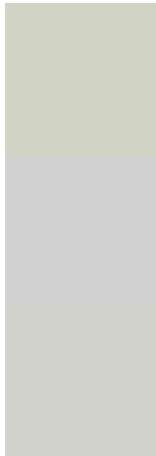
Deuteranomaly

63.5134, 64.3426, 61.8952

Tritanomaly

62.0894, 64.4530, 72.7865

Monochromacy



Original Color

59.8018, 64.6278, 61.5471

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

60.2402, 64.0081, 66.3065

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.8018, 64.6278, 61.5471 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, 212, 196) looks like.

```
.text, #text, p{  
    color:rgb(209, 212, 196)  
}
```

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, 212, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 212, 196) }
```

Border

The CSS property to change the border of an element to XYZ 59.8018, 64.6278, 61.5471 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, 212, 196) }
```


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

```
.border{ border-color:rgb(209, 212, 196) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 212, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 212, 196); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 212, 196);  
box-shadow:4px 4px 4px 4px rgb(209, 212,  
196) }
```

Background

The CSS property to change the background color of an element to XYZ 59.8018, 64.6278, 61.5471 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 212, 196) }
```

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

```
.background{ background-color: rgb(209,  
212, 196) }
```

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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