

Converting Colors

XYZ(60.0028, 64.9031, 58.2299)

Have a look what the booklet for
XYZ(60.0028, 64.9031, 58.2299)
contains.

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Color

**XYZ(59.9891, 64.8017,
58.0614)**

Conversions

Conversions Part 1

Format	Color
Hex	D4D4BE
RGB	212, 212, 190
RGB Percent	83%, 83%, 75%
CMY	0.1686, 0.1686, 0.2549
CMYK	0.00, 0.00, 0.10, 0.17
HSL	60°, 20%, 79%
HSV	60°, 10%, 83%
XYZ	59.9891, 64.8017, 58.0614
YIQ	209.4920, 7.0620, -6.8420

Conversions

Conversions Part 2

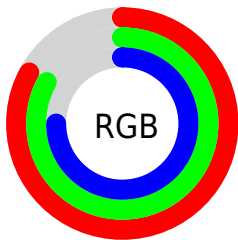
Format	Color
RYB	190, 212, 190
Decimal	13948094
CIELab	84.38, -3.79, 10.89
CIELCh	84, 11.528, 109.176
Yxy	64.8017, 0.3281, 0.3544
Android (android.graphics.Color)	4292138174 (0xFFD4D4BE)
YUV	209.4920, -9.6096, 2.1995
Hunter-Lab	80.4995, -7.8540, 13.5859

Details

The XYZ color **59.9891, 64.8017, 58.0614** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **51.5348, 52.5293, 69.7138**, and the grayscale version is **60.9848, 64.1608, 69.8711**.

A 20% lighter version of the original color is **93.6346, 99.4338, 101.4464**, and **30.4770, 33.0882, 28.4473** is the 20% darker color. If you saturate the color by 10%, you get **57.8380, 63.9432, 46.7322**, and if you desaturate by 10%, it is **62.4809, 65.8007, 71.1687**.

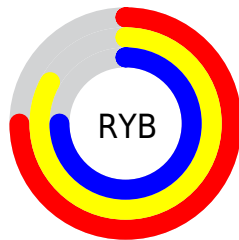
Distribution



Red (83%)

Green (83%)

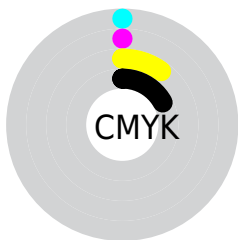
Blue (75%)



Red (75%)

Yellow (83%)

Blue (75%)

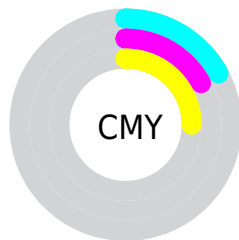


Cyan (0%)

Magenta (0%)

Yellow (10%)

Black (17%)



Cyan (17%)

Magenta (17%)

Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 59.9891, 64.8017, 58.0614 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 59.9891, 64.8017, 58.0614 by changing the saturation by 10% instead.

■ 59.9891, 64.8017,
58.0614

■ 59.9891, 64.8017,
58.0614

414.3930,
442.0790, 435.0193

■ 43.6593, 47.3003,
41.4430

■ 103.9203,
111.7647, 103.5279

■ 30.5995, 33.2731,
28.3431

132.2524,
141.9951, 133.2131

■ 20.4444, 22.3358,
18.3431

165.3159,
177.2373, 168.0910

■ 12.8286, 14.1038,
11.0246

203.4763,
217.8757, 208.5801

■ 7.3868, 8.1929,
5.9690

247.0988,
264.2947, 255.0989

■ 3.7536, 4.2186,
2.7578

296.5489,

■ 1.5637, 1.7966,

316.8786, 308.0660

0.9723

352.1918,
376.0119, 367.9000

■ 0.3686, 0.4851,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 59.9891, 64.8017,
58.0614

■ 59.9891, 64.8017,
58.0614

■ 57.8380, 63.9432,
46.7322

■ 62.4809, 65.8007,
71.1687

■ 56.0077, 63.2110,
37.1005

■ 65.3216, 66.9371,
86.1215

■ 54.4846, 62.6016,
29.0860

■ 68.5259, 68.2190,
102.9890

■ 53.2516, 62.1083,
22.5999

■ 68.7513, 68.3093,
104.1692

■ 52.2906, 61.7237,
17.5452

■ 68.7525, 68.3099,
104.1692

■ 51.5807, 61.4396,
13.8136

■ 68.7537, 68.3105,
104.1693

■ 51.0987, 61.2467,
11.2816

■ 68.7549, 68.3111,
104.1693

■ 50.8166, 61.1337,
9.8022

■ 68.7561, 68.3118,
104.1694

■ 50.6856, 61.0812,
9.1184

■ 68.7573, 68.3124,
104.1694

Harmonies

Analogous

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



62.5212, 64.8017, 57.5959



59.9891, 64.8017, 58.0614



57.9413, 64.8017, 61.7364

Triad

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



59.9891, 64.8017, 58.0614



58.4294, 64.8017, 81.7740



66.5552, 64.8017, 73.2390

Complementary

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



59.9891, 64.8017, 58.0614



51.5348, 52.5293, 69.7138

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.



65.3931, 64.8017, 80.1823



59.9891, 64.8017, 58.0614



60.6722, 64.8017, 85.3321

Square

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



59.9891, 64.8017, 58.0614



57.0582, 64.8017, 75.2913



63.2233, 64.8017, 84.7303



66.3599, 64.8017, 66.0274

Rectangle

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



59.9891, 64.8017, 58.0614



57.1043, 64.8017, 65.6636



63.2233, 64.8017, 84.7303



66.3091, 64.8017, 75.6899

Sweetspot

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



59.9909, 64.8045, 58.0628



93.8420, 99.5167, 102.5418



54.8611, 54.5432, 56.3525



20.0187, 21.2737, 21.5937



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.



59.9909, 64.8045, 58.0628



90.5066, 98.1824, 84.9867



56.9275, 63.2253, 57.9194



13.4726, 14.5199, 13.2532



31.2892, 37.7065, 5.6290



1.8873, 2.2743, 0.3395

Inverse Universe

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



51.5348, 52.5293, 69.7138



75.6798, 76.6588, 105.4156



54.3864, 53.9993, 69.8473



11.7429, 12.0089, 15.6365



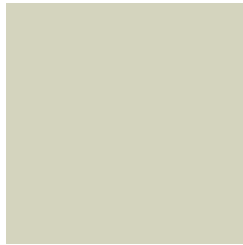
7.3368, 2.9348, 38.6329



0.4426, 0.1771, 2.3302

Previews

White Background



This preview shows how the XYZ color 59.9891, 64.8017, 58.0614 looks on a white background.

Color Contrast Check

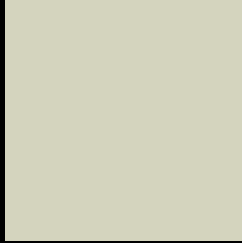
Large Text (above 18pt) WCAG AA × Fail

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 59.9891, 64.8017, 58.0614 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

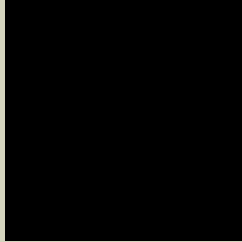
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

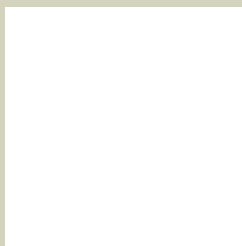
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 59.9891, 64.8017, 58.0614

Background



This preview shows how black text looks on a background with the XYZ color 59.9891, 64.8017, 58.0614.



This preview shows how white text looks on a background with the XYZ color 59.9891, 64.8017,

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

59.9891, 64.8017, 58.0614

Protanopia

61.4453, 64.8274, 57.4185

Deuteranopia

66.1303, 64.6948, 58.8711



Tritanopia

64.2474, 64.7051, 78.9152

Trichromacy



Original Color

59.9891, 64.8017, 58.0614

Protanomaly

60.7985, 64.8616, 57.4592

Deuteranomaly

63.7884, 64.5622, 58.3900

Tritanomaly

62.5827, 64.7512, 70.8278

Monochromacy



Original Color

59.9891, 64.8017, 58.0614

Achromatopsia

60.6036, 63.7597, 69.4343

Achromatomaly

60.2856, 64.0591, 65.0644

CSS Examples

Text

The CSS property to change the color of the text to XYZ 59.9891, 64.8017, 58.0614 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(212, 212, 190) looks like.

```
.text, #text, p{  
    color:rgb(212, 212, 190)  
}
```

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(212, 212, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 212, 190) }
```

Border

The CSS property to change the border of an element to XYZ 59.9891, 64.8017, 58.0614 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(212, 212, 190) }
```


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

```
.border{ border-color:rgb(212, 212, 190) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 212, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 212, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 212, 190);  
box-shadow:4px 4px 4px 4px rgb(212, 212,  
190) }
```

Background

The CSS property to change the background color of an element to XYZ 59.9891, 64.8017, 58.0614 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 212, 190) }
```

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

```
.background{ background-color: rgb(212,  
212, 190) }
```

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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