

Converting Colors

XYZ(58.5461, 62.4009, 61.9651)

Have a look what the booklet for
XYZ(58.5461, 62.4009, 61.9651)
contains.

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Color

**XYZ(58.6463, 62.5529,
61.8062)**

Conversions

Conversions Part 1

Format	Color
Hex	D0D0C5
RGB	208, 208, 197
RGB Percent	82%, 82%, 77%
CMY	0.1843, 0.1843, 0.2274
CMYK	0.00, 0.00, 0.05, 0.18
HSL	60°, 10%, 79%
HSV	60°, 5%, 82%
XYZ	58.6463, 62.5529, 61.8062
YIQ	206.7460, 3.5310, -3.4210

Conversions

Conversions Part 2

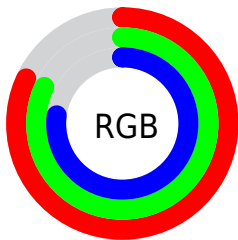
Format	Color
RYB	197, 208, 197
Decimal	13684933
CIELab	83.21, -1.95, 5.45
CIELCh	83, 5.786, 109.663
Yxy	62.5529, 0.3205, 0.3418
Android (android.graphics.Color)	4291875013 (0xFFD0D0C5)
YUV	206.7460, -4.8048, 1.0998
Hunter-Lab	79.0904, -6.0487, 9.0303

Details

The XYZ color **58.6463, 62.5529, 61.8062** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **54.3799, 56.3586, 67.6901**, and the grayscale version is **59.1745, 62.2562, 67.7970**.

A 20% lighter version of the original color is **94.8894, 99.9358, 108.0543**, and **29.8400, 31.9644, 30.5836** is the 20% darker color. If you saturate the color by 10%, you get **56.4239, 61.6657, 50.1074**, and if you desaturate by 10%, it is **61.2011, 63.5771, 75.2399**.

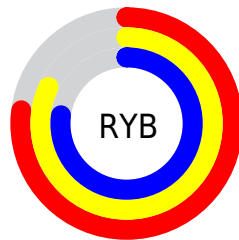
Distribution



Red (82%)

Green (82%)

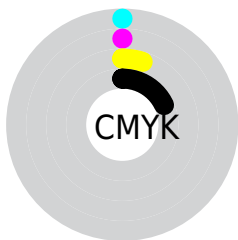
Blue (77%)



Red (77%)

Yellow (82%)

Blue (77%)

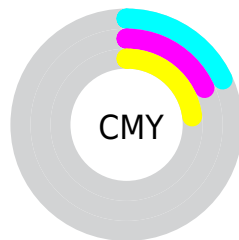


Cyan (0%)

Magenta (0%)

Yellow (5%)

Black (18%)



Cyan (18%)

Magenta (18%)

Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.6463, 62.5529, 61.8062 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 58.6463, 62.5529, 61.8062 by changing the saturation by 10% instead.

■ 58.6463, 62.5529,
61.8062

■ 58.6463, 62.5529,
61.8062

409.5050,
433.9450, 449.2119

■ 42.5737, 45.4796,
44.4413

101.9810,
108.5242, 109.0143

■ 29.7439, 31.8354,
30.6779

129.9738,
138.1910, 139.6946

■ 19.7914, 21.2358,
20.0973

162.6708,
172.8245, 175.6504

■ 12.3509, 13.2965,
12.2810

200.4372,
212.8090, 217.3004

■ 7.0570, 7.6330,
6.8105

243.6385,
258.5289, 265.0629

■ 3.5444, 3.8610,
3.2672

292.6400,

■ 1.4478, 1.5961,

310.3686, 319.3567

1.2326

347.8071,
368.7125, 380.6002

■ 0.2899, 0.3550,
0.0056

■ 0.0000, 0.0000,
0.0000

■ 58.6463, 62.5529,
61.8062

■ 58.6463, 62.5529,
61.8062

■ 56.4239, 61.6657,
50.1074

■ 61.2011, 63.5771,
75.2399

■ 54.5153, 60.9020,
40.0689

■ 64.0958, 64.7352,
90.4707

■ 52.9079, 60.2588,
31.6168

■ 66.6268, 65.7479,
103.7867

■ 51.5864, 59.7299,
24.6699

■ 66.6291, 65.7491,
103.7869

■ 50.5340, 59.3086,
19.1399

■ 66.6314, 65.7503,
103.7870

■ 49.7321, 58.9876,
14.9295

■ 66.6337, 65.7515,
103.7871

■ 49.1599, 58.7585,
11.9287

■ 66.6361, 65.7527,
103.7872

■ 48.7933, 58.6116,
10.0102

■ 66.6384, 65.7539,
103.7873

■ 48.6026, 58.5350,
9.0181

■ 66.6407, 65.7551,
103.7874

Harmonies

Analogous

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



59.8887, 62.5529, 61.5340



58.6463, 62.5529, 61.8062



57.6340, 62.5529, 63.7331

Triad

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



58.6463, 62.5529, 61.8062



57.9062, 62.5529, 73.5147



61.8605, 62.5529, 69.3571

Complementary

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



58.6463, 62.5529, 61.8062



54.3799, 56.3586, 67.6901

Split Complementary

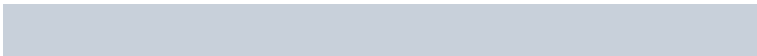
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



61.3132, 62.5529, 72.6817



58.6463, 62.5529, 61.8062



59.0227, 62.5529, 75.1375

Square

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



58.6463, 62.5529, 61.8062



57.2109, 62.5529, 70.4617



60.2704, 62.5529, 74.8274



61.7563, 62.5529, 65.8102

Rectangle

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



58.6463, 62.5529, 61.8062



57.2204, 62.5529, 65.7356



60.2704, 62.5529, 74.8274



61.7463, 62.5529, 70.5398

Sweetspot

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



58.6480, 62.5556, 61.8076



94.2389, 99.6755, 104.6327



56.0587, 57.3751, 60.9441



20.1795, 21.3380, 22.4404



0.0000, 0.0000, 0.0000



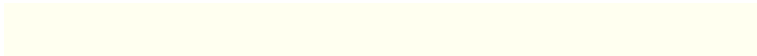
20.3446, 21.4041, 23.3091

Same Dimension

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



58.6480, 62.5556, 61.8076



92.6814, 99.0523, 96.4388



57.1289, 61.7725, 61.7365



12.9470, 13.8550, 13.3578



30.2562, 36.4666, 5.4441



1.6919, 2.0391, 0.3044

Inverse Universe

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



54.3799, 56.3586, 67.6901



84.9573, 87.8375, 107.0844



55.8459, 57.1144, 67.7587



11.7776, 12.1572, 14.9695



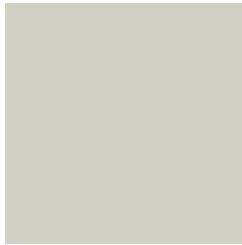
7.0967, 2.8388, 37.3664



0.3970, 0.1588, 2.0893

Previews

White Background



This preview shows how the XYZ color 58.6463, 62.5529, 61.8062 looks on a white background.

Color Contrast Check

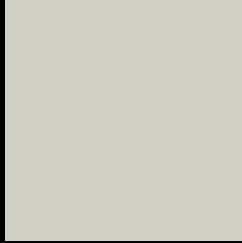
Large Text (above 18pt) WCAG AA × Fail

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 58.6463, 62.5529, 61.8062 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

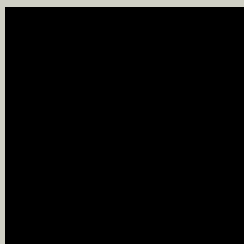
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

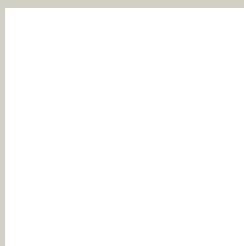
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 58.6463, 62.5529, 61.8062

Background



This preview shows how black text looks on a background with the XYZ color 58.6463, 62.5529, 61.8062.

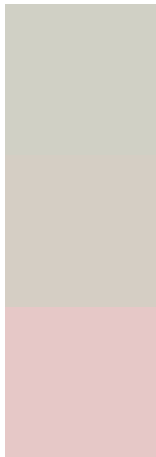


This preview shows how white text looks on a background with the XYZ color 58.6463, 62.5529,

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

58.6463, 62.5529, 61.8062

Protanopia

59.4757, 62.2743, 61.1100

Deuteranopia

63.5962, 62.2551, 62.6974



Tritanopia

61.7954, 62.4032, 77.1947

Trichromacy



Original Color

58.6463, 62.5529, 61.8062

Protanomaly

59.1406, 62.4601, 61.1635

Deuteranomaly

61.6732, 62.3187, 62.2043

Tritanomaly

60.5790, 62.2650, 71.1128

Monochromacy



Original Color

58.6463, 62.5529, 61.8062

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

58.8244, 62.2028, 65.4059

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.6463, 62.5529, 61.8062 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(208, 208, 197) looks like.

```
.text, #text, p{  
    color:rgb(208, 208, 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(208, 208, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 208, 197) }
```

Border

The CSS property to change the border of an element to XYZ 58.6463, 62.5529, 61.8062 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(208, 208, 197) }
```


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

```
.border{ border-color:rgb(208, 208, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 208, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(208, 208, 197); -webkit-box-shadow:4px 4px 4px 4px rgb(208, 208, 197); box-shadow:4px 4px 4px 4px rgb(208, 208, 197) }
```

Background

The CSS property to change the background color of an element to XYZ 58.6463, 62.5529, 61.8062 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 208, 197) }
```

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

```
.background{ background-color: rgb(208,  
208, 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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