

Converting Colors

XYZ(58.3689, 62.5354, 57.2947)

Have a look what the booklet for
XYZ(58.3689, 62.5354, 57.2947)
contains.

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Color

**XYZ(58.3195, 62.4875,
57.1316)**

Conversions

Conversions Part 1

Format	Color
Hex	D2D0BD
RGB	210, 208, 189
RGB Percent	82%, 82%, 74%
CMY	0.1765, 0.1843, 0.2588
CMYK	0.00, 0.01, 0.10, 0.18
HSL	54°, 19%, 78%
HSV	54°, 10%, 82%
XYZ	58.3195, 62.4875, 57.1316
YIQ	206.4320, 7.2910, -5.4850

Conversions

Conversions Part 2

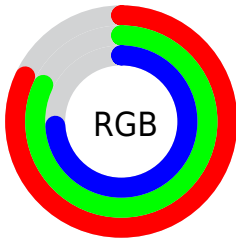
Format	Color
RYB	191, 210, 189
Decimal	13815997
CIELab	83.17, -2.59, 9.67
CIELCh	83, 10.014, 104.988
Yxy	62.4875, 0.3278, 0.3512
Android (android.graphics.Color)	4292006077 (0xFFD2D0BD)
YUV	206.4320, -8.5940, 3.1291
Hunter-Lab	79.0490, -6.6450, 12.4833

Details

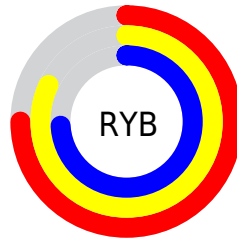
The XYZ color **58.3195, 62.4875, 57.1316** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **51.2498, 52.7326, 68.4506**, and the grayscale version is **58.9946, 62.0669, 67.5909**.

A 20% lighter version of the original color is **93.4814, 99.3726, 100.6400**, and **29.5171, 31.8573, 27.8859** is the 20% darker color. If you saturate the color by 10%, you get **55.7202, 60.6761, 45.8214**, and if you desaturate by 10%, it is **61.2585, 64.4486, 70.1850**.

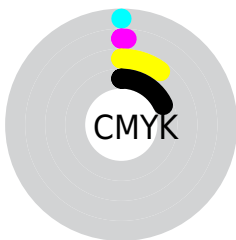
Distribution



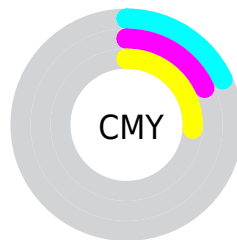
- Red (82%)
- Green (82%)
- Blue (74%)



- Red (75%)
- Yellow (82%)
- Blue (74%)



- Cyan (0%)
- Magenta (1%)
- Yellow (10%)
- Black (18%)



- Cyan (18%)
- Magenta (18%)
- Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.3195, 62.4875, 57.1316 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 58.3195, 62.4875, 57.1316 by changing the saturation by 10% instead.

■ 58.3195, 62.4875,
57.1316

■ 58.3195, 62.4875,
57.1316

408.3101,
433.7071, 431.4498

■ 42.3098, 45.4267,
40.7008

■ 101.5083,
108.4298, 102.1594

■ 29.5361, 31.7937,
27.7675

129.4181,
138.0801, 131.5936

■ 19.6331, 21.2040,
17.9129

162.0253,
172.6957, 166.1993

■ 12.2353, 13.2732,
10.7187

199.6953,
212.6610, 206.3950

■ 6.9775, 7.6169,
5.7662

242.7934,
258.3604, 252.5994

■ 3.4942, 3.8508,
2.6370

291.6850,

■ 1.4202, 1.5905,

310.1783, 305.2310

0.9115

346.7355,
368.4991, 364.7083

■ 0.2705, 0.3512,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.3195, 62.4875,
57.1316

■ 58.3195, 62.4875,
57.1316

■ 55.7202, 60.6761,
45.8214

■ 61.2585, 64.4486,
70.1850

■ 53.4413, 59.0006,
36.1759

■ 64.5453, 66.5567,
85.0474

■ 51.4693, 57.4576,
28.1168

■ 68.1942, 68.8195,
101.7862

■ 49.7879, 56.0405,
21.5577

■ 69.1814, 70.0275,
104.4781

■ 48.3790, 54.7421,
16.4042

■ 69.6958, 71.0563,
104.6496

■ 47.2227, 53.5543,
12.5509

■ 70.2165, 72.0975,
104.8231

■ 46.2961, 52.4680,
9.8779

■ 70.7434, 73.1513,
104.9988

■ 45.5722, 51.4724,
8.2428

■ 71.2765, 74.2176,
105.1765

■ 45.0014, 50.5475,
7.3848

■ 71.8160, 75.2965,
105.3563

Harmonies

Analogous

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



60.4802, 62.4875, 57.1327



58.3195, 62.4875, 57.1316



56.4902, 62.4875, 59.9289

Triad

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



58.3195, 62.4875, 57.1316



56.4890, 62.4875, 76.8443



63.5161, 62.4875, 71.1818

Complementary

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



58.3195, 62.4875, 57.1316



51.2498, 52.7326, 68.4506

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.



62.3926, 62.4875, 76.8480



58.3195, 62.4875, 57.1316



58.3179, 62.4875, 80.2501

Square

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



58.3195, 62.4875, 57.1316



55.4509, 62.4875, 71.1770



60.4786, 62.4875, 80.2515



63.5165, 62.4875, 64.9932

Rectangle

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



58.3195, 62.4875, 57.1316



55.6896, 62.4875, 63.1081



60.4786, 62.4875, 80.2515



63.2560, 62.4875, 73.2188

Sweetspot

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



58.3212, 62.4902, 57.1329



93.6111, 99.0540, 102.4646



54.1917, 53.8637, 56.8893



19.9561, 21.1483, 21.5728



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.



58.3212, 62.4902, 57.1329



89.5881, 96.3421, 84.6799



56.4816, 62.2688, 57.1872



12.7034, 13.5975, 12.5671



27.4903, 30.9136, 4.5180



1.5657, 1.7856, 0.2621

Inverse Universe

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



51.2498, 52.7326, 68.4506



76.4680, 78.2381, 105.6789



52.9621, 52.9736, 68.4069



11.2528, 11.5958, 14.8888



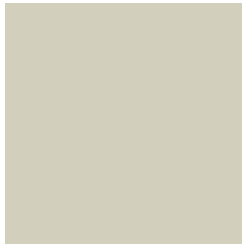
7.2811, 3.2088, 37.4281



0.4388, 0.2429, 2.1033

Previews

White Background



This preview shows how the XYZ color 58.3195, 62.4875, 57.1316 looks on a white background.

Color Contrast Check

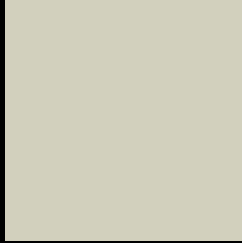
Large Text (above 18pt) WCAG AA × Fail

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 58.3195, 62.4875, 57.1316 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

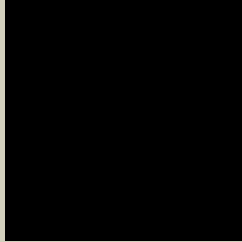
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

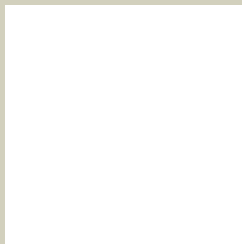
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 58.3195, 62.4875, 57.1316

Background



This preview shows how black text looks on a background with the XYZ color 58.3195, 62.4875, 57.1316.



This preview shows how white text looks on a background with the XYZ color 58.3195, 62.4875,

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

58.3195, 62.4875, 57.1316

Protanopia

59.1727, 62.2205, 56.4680

Deuteranopia

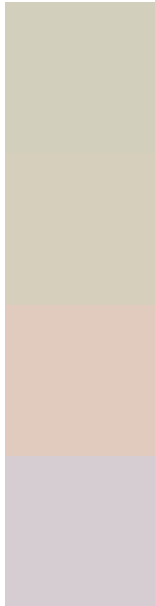
63.6625, 62.3938, 57.9780



Tritanopia

62.2427, 62.6492, 76.5221

Trichromacy



Original Color

58.3195, 62.4875, 57.1316

Protanomaly

58.8305, 62.4026, 56.5212

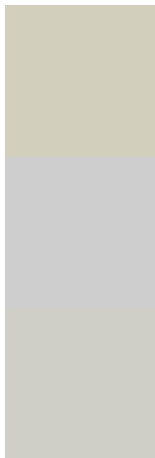
Deuteranomaly

61.7015, 62.4371, 57.5147

Tritanomaly

60.7805, 62.4122, 69.1649

Monochromacy



Original Color

58.3195, 62.4875, 57.1316

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

58.4703, 62.0612, 63.5409

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.3195, 62.4875, 57.1316 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, 208, 189) looks like.

```
.text, #text, p{  
    color:rgb(210, 208, 189)  
}
```

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, 208, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 208, 189) }
```

Border

The CSS property to change the border of an element to XYZ 58.3195, 62.4875, 57.1316 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, 208, 189) }
```


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

```
.border{ border-color:rgb(210, 208, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 208, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 208, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 208, 189);  
box-shadow:4px 4px 4px 4px rgb(210, 208,  
189) }
```

Background

The CSS property to change the background color of an element to XYZ 58.3195, 62.4875, 57.1316 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 208, 189) }
```

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

```
.background{ background-color: rgb(210,  
208, 189) }
```

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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