

Converting Colors

XYZ(58.2478, 62.3374, 57.6528)

Have a look what the booklet for
XYZ(58.2478, 62.3374, 57.6528)
contains.

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Color

**XYZ(58.4285, 62.5311,
57.7054)**

Conversions

Conversions Part 1

Format	Color
Hex	D2D0BE
RGB	210, 208, 190
RGB Percent	82%, 82%, 75%
CMY	0.1765, 0.1843, 0.2549
CMYK	0.00, 0.01, 0.10, 0.18
HSL	54°, 18%, 78%
HSV	54°, 10%, 82%
XYZ	58.4285, 62.5311, 57.7054
YIQ	206.5460, 6.9700, -5.1740

Conversions

Conversions Part 2

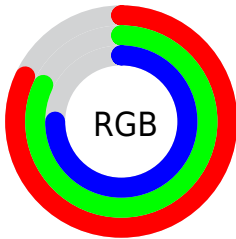
Format	Color
RYB	192, 210, 190
Decimal	13815998
CIELab	83.20, -2.42, 9.17
CIELCh	83, 9.490, 104.804
Yxy	62.5311, 0.3270, 0.3500
Android (android.graphics.Color)	4292006078 (0xFFD2D0BE)
YUV	206.5460, -8.1572, 3.0292
Hunter-Lab	79.0766, -6.4931, 12.0873

Details

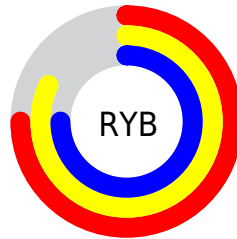
The XYZ color **58.4285, 62.5311, 57.7054** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **51.7177, 53.2987, 68.5353**, and the grayscale version is **59.0653, 62.1413, 67.6719**.

A 20% lighter version of the original color is **93.6346, 99.4338, 101.4464**, and **29.5885, 31.8859, 28.2620** is the 20% darker color. If you saturate the color by 10%, you get **55.7897, 60.6654, 46.3060**, and if you desaturate by 10%, it is **61.4082, 64.5480, 70.8516**.

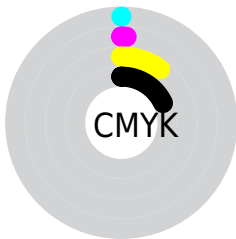
Distribution



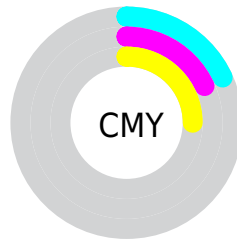
- Red (82%)
- Green (82%)
- Blue (75%)



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



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



- Cyan (18%)
- Magenta (18%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 58.4285, 62.5311, 57.7054 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 58.4285, 62.5311, 57.7054 by changing the saturation by 10% instead.

■ 58.4285, 62.5311,
57.7054

■ 58.4285, 62.5311,
57.7054

408.7089,
433.8657, 433.6549

■ 42.3978, 45.4620,
41.1587

■ 101.6660,
108.4928, 103.0043

■ 29.6054, 31.8215,
28.1225

129.6035,
138.1541, 132.5935

■ 19.6858, 21.2252,
18.1782

162.2407,
172.7816, 167.3674

■ 12.2738, 13.2887,
10.9072

199.9429,
212.7597, 207.7444

■ 7.0040, 7.6276,
5.8911

243.0754,
258.4727, 254.1432

■ 3.5109, 3.8576,
2.7113

292.0037,

■ 1.4294, 1.5942,

310.3052, 306.9821

0.9491

347.0931,
368.6414, 366.6798

■ 0.2770, 0.3537,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 58.4285, 62.5311,
57.7054

■ 58.4285, 62.5311,
57.7054

■ 55.7897, 60.6654,
46.3060

■ 61.4082, 64.5480,
70.8516

■ 53.4727, 58.9372,
36.5753

■ 64.7370, 66.7134,
85.8102

■ 51.4639, 57.3430,
28.4350

■ 68.4292, 69.0350,
102.6486

■ 49.7471, 55.8762,
21.7992

■ 69.2840, 70.2326,
104.5123

■ 48.3044, 54.5297,
16.5739

■ 69.8257, 71.3159,
104.6929

■ 47.1159, 53.2955,
12.6544

■ 70.3742, 72.4129,
104.8757

■ 46.1588, 52.1645,
9.9215

■ 70.9296, 73.5238,
105.0609

■ 45.4065, 51.1258,
8.2342

■ 71.4920, 74.6484,
105.2483

■ 44.8126, 50.1610,
7.3489

■ 72.0613, 75.7870,
105.4381

Harmonies

Analogous

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



60.4773, 62.5311, 57.7234



58.4285, 62.5311, 57.7054



56.6886, 62.5311, 60.3565

Triad

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



58.4285, 62.5311, 57.7054



56.6700, 62.5311, 76.3888



63.3354, 62.5311, 71.1001

Complementary

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



58.4285, 62.5311, 57.7054



51.7177, 53.2987, 68.5353

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.



62.2665, 62.5311, 76.4482



58.4285, 62.5311, 57.7054



58.4026, 62.5311, 79.6194

Square

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



58.4285, 62.5311, 57.7054



55.6893, 62.5311, 71.0229



60.4508, 62.5311, 79.6418



63.3427, 62.5311, 65.2307

Rectangle

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



58.4285, 62.5311, 57.7054



55.9244, 62.5311, 63.3737



60.4508, 62.5311, 79.6418



63.0873, 62.5311, 73.0257

Sweetspot

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



58.4302, 62.5338, 57.7067



93.5995, 99.0309, 102.4608



54.5070, 54.3352, 57.4850



19.9530, 21.1420, 21.5718



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.



58.4302, 62.5338, 57.7067



89.9717, 96.5502, 86.5309



56.6987, 62.3682, 57.7660



12.6984, 13.5875, 12.5654



27.3604, 30.6537, 4.4747



1.5596, 1.7736, 0.2601

Inverse Universe

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



51.7177, 53.2987, 68.5353



77.9399, 79.9969, 105.9408



53.3358, 53.4867, 68.4863



11.2573, 11.6048, 14.8903



7.2932, 3.2329, 37.4321



0.4410, 0.2471, 2.1040

Previews

White Background



This preview shows how the XYZ color 58.4285, 62.5311, 57.7054 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 58.4285, 62.5311, 57.7054 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

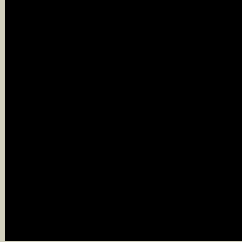
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

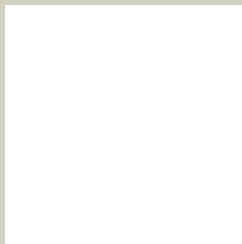
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 58.4285, 62.5311, 57.7054

Background



This preview shows how black text looks on a background with the XYZ color 58.4285, 62.5311, 57.7054.



This preview shows how white text looks on a background with the XYZ color 58.4285, 62.5311,

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

58.4285, 62.5311, 57.7054

Protanopia

59.2809, 62.2638, 57.0378

Deuteranopia

63.7730, 62.4380, 58.5597



Tritanopia

62.2427, 62.6492, 76.5221

Trichromacy



Original Color

58.4285, 62.5311, 57.7054

Protanomaly

58.9387, 62.4459, 57.0910

Deuteranomaly

61.8112, 62.4810, 58.0925

Tritanomaly

60.7805, 62.4122, 69.1649

Monochromacy



Original Color

58.4285, 62.5311, 57.7054

Achromatopsia

59.3074, 62.3960, 67.9493

Achromatomaly

58.8679, 62.2526, 64.1716

CSS Examples

Text

The CSS property to change the color of the text to XYZ 58.4285, 62.5311, 57.7054 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, 190) looks like.

```
.text, #text, p{  
    color:rgb(210, 208, 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(210, 208, 190) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 208, 190) }
```

Border

The CSS property to change the border of an element to XYZ 58.4285, 62.5311, 57.7054 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, 190) }
```


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

```
.border{ border-color:rgb(210, 208, 190) }
```

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, 190)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 208, 190); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 208, 190);  
box-shadow:4px 4px 4px 4px rgb(210, 208,  
190) }
```

Background

The CSS property to change the background color of an element to XYZ 58.4285, 62.5311, 57.7054 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, 190) }
```

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

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