

Converting Colors

XYZ(57.2322, 62.0908, 58.0784)

Have a look what the booklet for
XYZ(57.2322, 62.0908, 58.0784)
contains.

XYZ(57.3813, 62.3417, 58.2990)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(57.3813, 62.3417,
58.2990)**

Conversions

Conversions Part 1

Format	Color
Hex	CDD1BF
RGB	205, 209, 191
RGB Percent	80%, 82%, 75%
CMY	0.1961, 0.1804, 0.2510
CMYK	0.02, 0.00, 0.09, 0.18
HSL	73°, 16%, 78%
HSV	73°, 9%, 82%
XYZ	57.3813, 62.3417, 58.2990
YIQ	205.7520, 3.3940, -6.4460

Conversions

Conversions Part 2

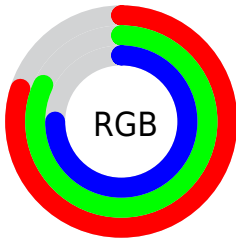
Format	Color
RYB	191, 209, 195
Decimal	13488575
CIELab	83.09, -4.55, 8.45
CIELCh	83, 9.595, 118.292
Yxy	62.3417, 0.3223, 0.3502
Android (android.graphics.Color)	4291678655 (0xFFCDD1BF)
YUV	205.7520, -7.2727, -0.6595
Hunter-Lab	78.9568, -8.4506, 11.4920

Details

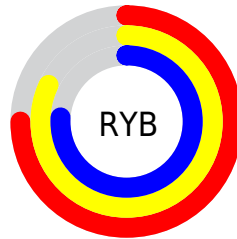
The XYZ color **57.3813, 62.3417, 58.2990** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **52.6475, 53.4688, 67.8706**, and the grayscale version is **58.5526, 61.6019, 67.0845**.

A 20% lighter version of the original color is **93.7885, 99.4954, 102.2570**, and **29.0713, 31.8570, 28.6615** is the 20% darker color. If you saturate the color by 10%, you get **53.9807, 60.8376, 46.9781**, and if you desaturate by 10%, it is **61.1517, 64.0022, 71.3532**.

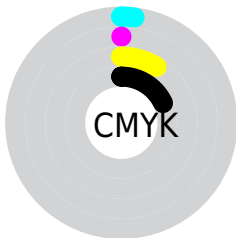
Distribution



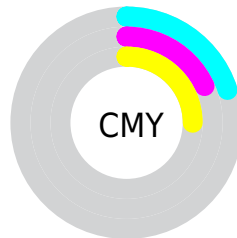
- Red (80%)
- Green (82%)
- Blue (75%)



- Red (75%)
- Yellow (82%)
- Blue (76%)



- Cyan (2%)
- Magenta (0%)
- Yellow (9%)
- Black (18%)



- Cyan (20%)
- Magenta (18%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 57.3813, 62.3417, 58.2990 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 57.3813, 62.3417, 58.2990 by changing the saturation by 10% instead.

■ 57.3813, 62.3417,
58.2990

■ 57.3813, 62.3417,
58.2990

404.8677,
433.1764, 435.9285

■ 41.5528, 45.3089,
41.6328

■ 100.1495,
108.2192, 103.8772

■ 28.9408, 31.7008,
28.4904

127.8199,
137.8327, 133.6263

■ 19.1801, 21.1330,
18.4534

160.1683,
172.4085, 168.5734

■ 11.9053, 13.2213,
11.1032

197.5600,
212.3311, 209.1371

■ 6.7510, 7.5811,
6.0213

240.3605,
257.9847, 255.7359

■ 3.3518, 3.8281,
2.7890

288.9350,

■ 1.3424, 1.5779,

309.7539, 308.7884

0.9879

343.6489,
368.0230, 368.7131

■ 0.2146, 0.3426,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 57.3813, 62.3417,
58.2990

■ 57.3813, 62.3417,
58.2990

■ 53.9807, 60.8376,
46.9781

■ 61.1517, 64.0022,
71.3532

■ 50.9307, 59.4760,
37.3134

■ 65.3001, 65.8164,
86.2051

■ 48.2178, 58.2535,
29.2285

■ 69.8408, 67.7919,
102.9209

■ 45.8256, 57.1637,
22.6388

■ 71.4666, 68.6060,
104.0833

■ 43.7363, 56.1992,
17.4523

■ 72.9237, 69.3572,
104.1515

■ 41.9301, 55.3523,
13.5665

■ 74.4204, 70.1288,
104.2216

■ 40.3846, 54.6137,
10.8652

■ 75.9571, 70.9210,
104.2935

■ 39.0735, 53.9731,
9.2116

■ 77.5341, 71.7339,
104.3673

■ 37.9559, 53.4139,
8.3926

■ 79.1517, 72.5678,
104.4430

Harmonies

Analogous

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



59.3730, 62.3417, 57.0778



57.3813, 62.3417, 58.2990



55.9212, 62.3417, 62.0443

Triad

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



57.3813, 62.3417, 58.2990



57.1798, 62.3417, 78.0812



63.3357, 62.3417, 68.2209

Complementary

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



57.3813, 62.3417, 58.2990



52.6475, 53.4688, 67.8706

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.



62.7165, 62.3417, 74.0695



57.3813, 62.3417, 58.2990



59.1350, 62.3417, 79.9646

Square

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



57.3813, 62.3417, 58.2990



55.8068, 62.3417, 73.4456



61.1668, 62.3417, 78.4560



62.8402, 62.3417, 62.6020

Rectangle

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



57.3813, 62.3417, 58.2990



55.4291, 62.3417, 65.5852



61.1668, 62.3417, 78.4560



63.2508, 62.3417, 70.2267

Sweetspot

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



57.3830, 62.3444, 58.3003



93.2194, 99.1958, 102.5126



55.1933, 56.3042, 57.2499



19.8500, 21.1868, 21.5858



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.



57.3830, 62.3444, 58.3003



89.1570, 97.4053, 88.5973



54.9975, 61.1146, 58.1887



12.5355, 13.6595, 12.5879



23.3980, 32.9311, 5.1231



1.3732, 1.8748, 0.2895

Inverse Universe

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



52.6475, 53.4688, 67.8706



80.5254, 81.2271, 106.0420



55.0160, 54.6898, 67.9815



11.4061, 11.5427, 14.8704



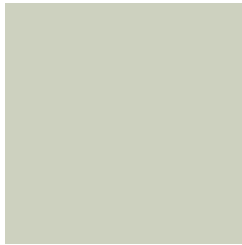
7.8744, 3.2397, 37.4028



0.5103, 0.2173, 2.0946

Previews

White Background



This preview shows how the XYZ color 57.3813, 62.3417, 58.2990 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 57.3813, 62.3417, 58.2990 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

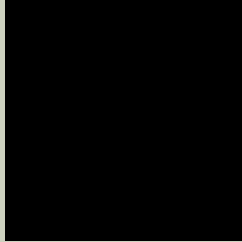
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

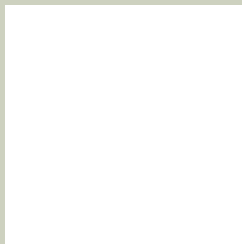
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 57.3813, 62.3417, 58.2990

Background



This preview shows how black text looks on a background with the XYZ color 57.3813, 62.3417, 58.2990.



This preview shows how white text looks on a background with the XYZ color 57.3813, 62.3417,

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

57.3813, 62.3417, 58.2990

Protanopia

59.2809, 62.2638, 57.0378

Deuteranopia

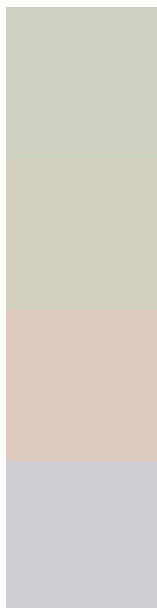
63.5586, 62.3146, 59.1301



Tritanopia

61.1770, 62.4384, 77.2341

Trichromacy



Original Color

57.3813, 62.3417, 58.2990

Protanomaly

58.4711, 62.1922, 57.6377

Deuteranomaly

60.9946, 62.0472, 58.6307

Tritanomaly

59.7166, 62.2057, 69.8323

Monochromacy



Original Color

57.3813, 62.3417, 58.2990

Achromatopsia

58.6655, 61.7207, 67.2138

Achromatomaly

58.3090, 61.9645, 64.1455

CSS Examples

Text

The CSS property to change the color of the text to XYZ 57.3813, 62.3417, 58.2990 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(205, 209, 191)` looks like.

```
.text, #text, p{  
    color:rgb(205, 209, 191)  
}
```

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(205, 209, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 209, 191) }
```

Border

The CSS property to change the border of an element to XYZ 57.3813, 62.3417, 58.2990 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(205, 209, 191) }
```


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

```
.border{ border-color:rgb(205, 209, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 209, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 209, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 209, 191);  
box-shadow:4px 4px 4px 4px rgb(205, 209,  
191) }
```

Background

The CSS property to change the background color of an element to XYZ 57.3813, 62.3417, 58.2990 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 209, 191) }
```

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

```
.background{ background-color: rgb(205,  
209, 191) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor