

Converting Colors

XYZ(52.2042, 57.4475, 62.2433)

Have a look what the booklet for
XYZ(52.2042, 57.4475, 62.2433)
contains.

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Color

**XYZ(52.1583, 57.4002,
62.3631)**

Conversions

Conversions Part 1

Format	Color
Hex	BBCBC7
RGB	187, 203, 199
RGB Percent	73%, 80%, 78%
CMY	0.2667, 0.2039, 0.2196
CMYK	0.08, 0.00, 0.02, 0.20
HSL	165°, 13%, 76%
HSV	165°, 8%, 80%
XYZ	52.1583, 57.4002, 62.3631
YIQ	197.7600, -8.2520, -4.6360

Conversions

Conversions Part 2

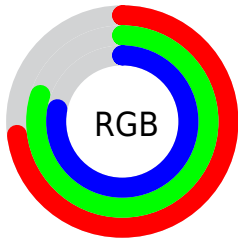
Format	Color
R _Y B	187, 196, 203
Decimal	12307399
CIE Lab	80.40, -6.18, 0.12
CIE LCh	80, 6.183, 178.882
Yxy	57.4002, 0.3034, 0.3339
Android (android.graphics.Color)	4290497479 (0xFFBBCBC7)
YUV	197.7600, 0.6113, -9.4365
Hunter-Lab	75.7629, -9.6984, 4.2304

Details

The XYZ color **52.1583, 57.4002, 62.3631** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **51.8051, 52.0004, 56.5997**, and the grayscale version is **53.5322, 56.3200, 61.3325**.

A 20% lighter version of the original color is **90.7721, 97.7947, 108.6998**, and **25.6898, 28.6076, 30.9559** is the 20% darker color. If you saturate the color by 10%, you get **46.9593, 54.7886, 59.0939**, and if you desaturate by 10%, it is **58.0823, 60.3865, 65.7713**.

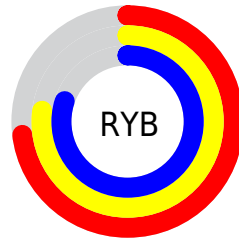
Distribution



Red (73%)

Green (80%)

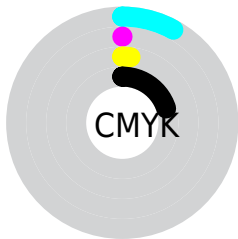
Blue (78%)



Red (73%)

Yellow (77%)

Blue (80%)

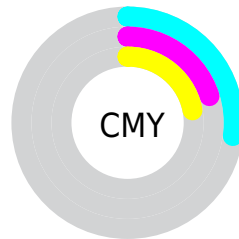


Cyan (8%)

Magenta (0%)

Yellow (2%)

Black (20%)



Cyan (27%)

Magenta (20%)

Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.1583, 57.4002, 62.3631 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 52.1583, 57.4002, 62.3631 by changing the saturation by 10% instead.

■ 52.1583, 57.4002,
62.3631

■ 52.1583, 57.4002,
62.3631

385.3614,
414.9472, 451.2985

■ 37.3560, 41.3266,
44.8885

■ 92.5375, 101.0489,
109.8268

■ 25.6582, 28.5744,
31.0273

118.8452,
129.3928, 140.6530

■ 16.6995, 18.7591,
20.3610

149.7187,
162.5956, 176.7668

■ 10.1144, 11.4963,
12.4710

185.5234,
201.0418, 218.5867

■ 5.5377, 6.4017,
6.9389

226.6246,
245.1156, 266.5313

■ 2.6041, 3.0909,
3.3461

273.3878,

■ 0.9480, 1.1794,

295.2015, 321.0191

1.2739

326.1783,
351.6839, 382.4686

■ 0.0000, 0.0447,
0.0403

■ 0.0000, 0.0000,
0.0000

■ 52.1583, 57.4002,
62.3631

■ 52.1583, 57.4002,
62.3631

■ 46.9593, 54.7886,
59.0939

■ 58.0823, 60.3865,
65.7713

■ 42.4509, 52.5292,
55.9576

■ 64.7542, 63.7544,
69.3171

■ 38.6033, 50.6082,
52.9530

■ 72.2019, 67.5199,
73.0038

■ 35.3823, 49.0080,
50.0774

■ 75.4246, 69.1051,
76.5984

■ 32.7509, 47.7096,
47.3281

■ 76.1049, 69.3772,
80.1805

■ 30.6677, 46.6917,
44.7021

■ 76.8057, 69.6575,
83.8711

■ 29.0863, 45.9302,
42.1962

■ 77.5273, 69.9462,
87.6710

■ 27.9520, 45.3972,
39.8067

■ 78.2699, 70.2432,
91.5812

■ 27.1852, 45.0515,
37.5288

■ 79.0335, 70.5486,
95.6026

Harmonies

Analogous

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



52.4987, 57.4002, 58.9634



52.1583, 57.4002, 62.3631



52.4524, 57.4002, 65.9288

Triad

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



52.1583, 57.4002, 62.3631



55.7420, 57.4002, 68.8073



55.8255, 57.4002, 56.7161

Complementary

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



52.1583, 57.4002, 62.3631



51.8051, 52.0004, 56.5997

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.



56.7175, 57.4002, 59.1904



52.1583, 57.4002, 62.3631



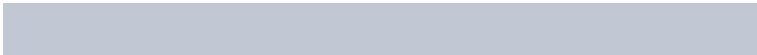
56.6688, 57.4002, 66.1733

Square

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



52.1583, 57.4002, 62.3631



54.5097, 57.4002, 69.7350



57.0285, 57.4002, 62.6352



54.6047, 57.4002, 55.7818

Rectangle

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



52.1583, 57.4002, 62.3631



52.9713, 57.4002, 67.9022



57.0285, 57.4002, 62.6352



56.1744, 57.4002, 57.3905

Sweetspot

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



52.1599, 57.4026, 62.3644



92.9938, 98.9636, 107.7351



51.8805, 57.4133, 55.3622



19.9260, 21.1931, 23.0721



0.0000, 0.0000, 0.0000



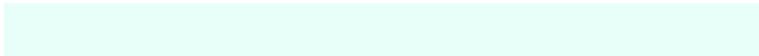
20.3446, 21.4041, 23.3091

Same Dimension

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



52.1599, 57.4026, 62.3644



86.1943, 95.5399, 103.7326



51.7597, 55.8485, 64.5546



11.4187, 12.6772, 13.7622



17.2471, 28.6441, 23.7839



0.9190, 1.4894, 1.3809

Inverse Universe

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



51.8051, 52.0004, 56.5997



85.5126, 85.1622, 92.6590



52.1729, 53.4315, 54.5782



11.3255, 11.2589, 12.2489



16.0819, 8.2433, 2.8840



0.8610, 0.4378, 0.3139

Previews

White Background



This preview shows how the XYZ color 52.1583, 57.4002, 62.3631 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 52.1583, 57.4002, 62.3631 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

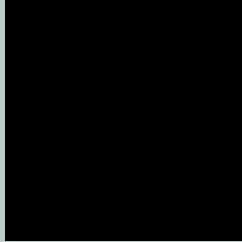
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

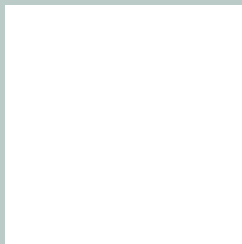
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 52.1583, 57.4002, 62.3631

Background



This preview shows how black text looks on a background with the XYZ color 52.1583, 57.4002, 62.3631.



This preview shows how white text looks on a background with the XYZ color 52.1583, 57.4002,

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

52.1583, 57.4002, 62.3631

Protanopia

54.7865, 57.0702, 60.3526

Deuteranopia

58.5260, 57.2624, 63.2264



Tritanopia

54.2842, 57.2136, 73.1480

Trichromacy



Original Color

52.1583, 57.4002, 62.3631

Protanomaly

53.7583, 57.2101, 61.0326

Deuteranomaly

56.1237, 57.3680, 62.7587

Tritanomaly

53.5058, 57.2452, 69.2021

Monochromacy



Original Color

52.1583, 57.4002, 62.3631

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

53.0955, 56.8551, 61.6018

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.1583, 57.4002, 62.3631 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(187, 203, 199)` looks like.

```
.text, #text, p{  
    color:rgb(187, 203, 199)  
}
```

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(187, 203, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(187, 203, 199) }
```

Border

The CSS property to change the border of an element to XYZ 52.1583, 57.4002, 62.3631 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(187, 203, 199) }
```


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

```
.border{ border-color:rgb(187, 203, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(187, 203, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(187, 203, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(187, 203, 199);  
box-shadow:4px 4px 4px 4px rgb(187, 203,  
199) }
```

Background

The CSS property to change the background color of an element to XYZ 52.1583, 57.4002, 62.3631 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(187, 203, 199) }
```

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

```
.background{ background-color: rgb(187,  
203, 199) }
```

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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