

Converting Colors

XYZ(52.9366, 57.1048, 62.4831)

Have a look what the booklet for
XYZ(52.9366, 57.1048, 62.4831)
contains.

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Color

**XYZ(52.9337, 57.1033,
62.2650)**

Conversions

Conversions Part 1

Format	Color
Hex	C0C9C7
RGB	192, 201, 199
RGB Percent	75%, 79%, 78%
CMY	0.2471, 0.2117, 0.2196
CMYK	0.04, 0.00, 0.01, 0.21
HSL	167°, 8%, 77%
HSV	167°, 4%, 79%
XYZ	52.9337, 57.1033, 62.2650
YIQ	198.0810, -4.7220, -2.5300

Conversions

Conversions Part 2

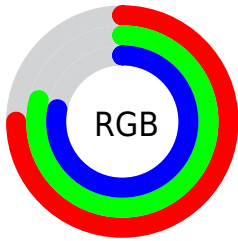
Format	Color
RYB	192, 197, 201
Decimal	12634567
CIELab	80.24, -3.45, -0.08
CIELCh	80, 3.447, 181.319
Yxy	57.1033, 0.3072, 0.3314
Android (android.graphics.Color)	4290824647 (0xFFC0C9C7)
YUV	198.0810, 0.4531, -5.3330
Hunter-Lab	75.5667, -7.2044, 4.0433

Details

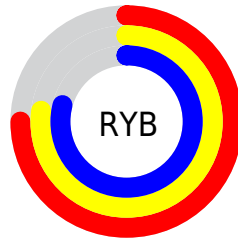
The XYZ color **52.9337, 57.1033, 62.2650** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **52.6768, 54.0133, 58.6910**, and the grayscale version is **53.7265, 56.5245, 61.5551**.

A 20% lighter version of the original color is **92.5214, 98.6965, 108.7817**, and **26.1920, 28.4007, 30.8895** is the 20% darker color. If you saturate the color by 10%, you get **47.6764, 54.4538, 59.3489**, and if you desaturate by 10%, it is **58.9046, 60.1221, 65.2965**.

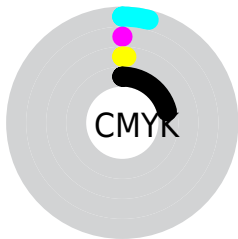
Distribution



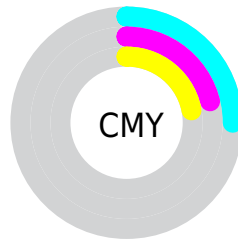
- Red (75%)
- Green (79%)
- Blue (78%)



- Red (75%)
- Yellow (77%)
- Blue (79%)



- Cyan (4%)
- Magenta (0%)
- Yellow (1%)
- Black (21%)



- Cyan (25%)
- Magenta (21%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.9337, 57.1033, 62.2650 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 52.9337, 57.1033, 62.2650 by changing the saturation by 10% instead.

■ 52.9337, 57.1033,
62.2650

■ 52.9337, 57.1033,
62.2650

388.2957,
413.8363, 450.9314

■ 37.9771, 41.0882,
44.8097

■ 93.6729, 100.6159,
109.6837

■ 26.1421, 28.3880,
30.9657

120.1862,
128.8822, 140.4843

■ 17.0632, 18.6183,
20.3145

151.2825,
162.0010, 176.5703

■ 10.3751, 11.3948,
12.4375

187.3271,
200.3566, 218.3603

■ 5.7126, 6.3331,
6.9162

228.6854,
244.3336, 266.2729

■ 2.7101, 3.0486,
3.3321

275.7227,

■ 1.0024, 1.1572,

294.3163, 320.7265

1.2666

328.8043,
350.6890, 382.1399

■ 0.0000, 0.0263,
0.0342

■ 0.0000, 0.0000,
0.0000

■ 52.9337, 57.1033,
62.2650

■ 52.9337, 57.1033,
62.2650

■ 47.6764, 54.4538,
59.3489

■ 58.9046, 60.1221,
65.2965

■ 43.0998, 52.1518,
56.5425

■ 65.6108, 63.5166,
68.4417

■ 39.1754, 50.1844,
53.8449

■ 73.0790, 67.3021,
71.7035

■ 35.8710, 48.5348,
51.2539

■ 74.6379, 68.0396,
74.7704

■ 33.1514, 47.1851,
48.7673

■ 75.2273, 68.2753,
77.8742

■ 30.9781, 46.1152,
46.3825

■ 75.8327, 68.5174,
81.0617

■ 29.3075, 45.3029,
44.0966

■ 76.4540, 68.7660,
84.3335

■ 28.0896, 44.7222,
41.9068

■ 77.0914, 69.0209,
87.6902

■ 27.2634, 44.3418,
39.8093

■ 77.7451, 69.2824,
91.1324

Harmonies

Analogous

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



53.0968, 57.1033, 60.3348



52.9337, 57.1033, 62.2650



53.1274, 57.1033, 64.2115

Triad

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



52.9337, 57.1033, 62.2650



54.9812, 57.1033, 65.5447



54.9268, 57.1033, 58.8383

Complementary

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



52.9337, 57.1033, 62.2650



52.6768, 54.0133, 58.6910

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.



55.4389, 57.1033, 60.1835



52.9337, 57.1033, 62.2650



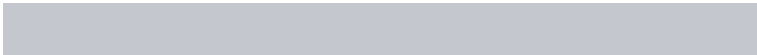
55.4705, 57.1033, 64.0539

Square

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



52.9337, 57.1033, 62.2650



54.3061, 57.1033, 66.1302



55.6387, 57.1033, 62.0867



54.2438, 57.1033, 58.3823

Rectangle

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



52.9337, 57.1033, 62.2650



53.4339, 57.1033, 65.2496



55.6387, 57.1033, 62.0867



55.1249, 57.1033, 59.2001

Sweetspot

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



52.9353, 57.1057, 62.2663



94.0268, 99.4831, 108.3760



52.6767, 57.0642, 58.1082



20.1364, 21.2989, 23.2025



0.0000, 0.0000, 0.0000



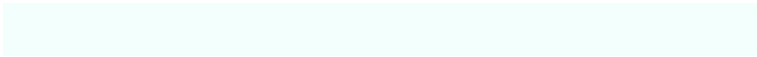
20.3446, 21.4041, 23.3091

Same Dimension

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



52.9353, 57.1057, 62.2663



90.0604, 97.4801, 106.2999



52.6142, 56.0887, 63.3144



11.2782, 12.2458, 13.3548



16.9562, 27.7949, 24.5117



0.8285, 1.3263, 1.2958

Inverse Universe

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



52.6768, 54.0133, 58.6910



89.5613, 91.5111, 99.3988



52.9847, 54.9869, 57.6910



11.2087, 11.4146, 12.3939



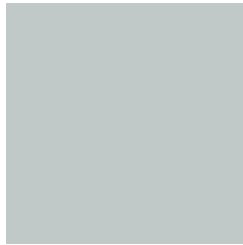
15.4685, 7.9369, 2.4109



0.7606, 0.3871, 0.2627

Previews

White Background



This preview shows how the XYZ color 52.9337, 57.1033, 62.2650 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 52.9337, 57.1033, 62.2650 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

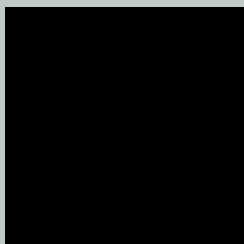
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

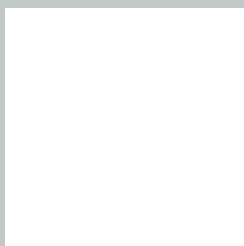
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 52.9337, 57.1033, 62.2650

Background



This preview shows how black text looks on a background with the XYZ color 52.9337, 57.1033, 62.2650.



This preview shows how white text looks on a background with the XYZ color 52.9337, 57.1033,

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

52.9337, 57.1033, 62.2650

Protanopia

54.9007, 57.1159, 60.9542

Deuteranopia

58.2279, 57.1087, 63.2125



Tritanopia

54.8092, 57.1712, 71.7647

Trichromacy



Original Color

52.9337, 57.1033, 62.2650

Protanomaly

54.1697, 57.0662, 61.5859

Deuteranomaly

56.1777, 57.0599, 62.6964

Tritanomaly

54.1552, 57.2495, 68.5176

Monochromacy



Original Color

52.9337, 57.1033, 62.2650

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

53.3814, 56.6598, 61.5490

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.9337, 57.1033, 62.2650 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(192, 201, 199)` looks like.

```
.text, #text, p{  
    color:rgb(192, 201, 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(192, 201, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 201, 199) }
```

Border

The CSS property to change the border of an element to XYZ 52.9337, 57.1033, 62.2650 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(192, 201, 199) }
```


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

```
.border{ border-color:rgb(192, 201, 199) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 201, 199)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(192, 201, 199); -webkit-box-shadow:4px 4px 4px 4px rgb(192, 201, 199); box-shadow:4px 4px 4px 4px rgb(192, 201, 199) }
```

Background

The CSS property to change the background color of an element to XYZ 52.9337, 57.1033, 62.2650 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 201, 199) }
```

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

```
.background{ background-color: rgb(192,  
201, 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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