

Converting Colors

XYZ(52.4527, 56.6813, 58.3183)

Have a look what the booklet for
XYZ(52.4527, 56.6813, 58.3183)
contains.

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Color

**XYZ(52.4168, 56.5837,
58.0282)**

Conversions

Conversions Part 1

Format	Color
Hex	C2C8C0
RGB	194, 200, 192
RGB Percent	76%, 78%, 75%
CMY	0.2392, 0.2157, 0.2471
CMYK	0.03, 0.00, 0.04, 0.22
HSL	105°, 7%, 77%
HSV	105°, 4%, 78%
XYZ	52.4168, 56.5837, 58.0282
YIQ	197.2940, -1.0080, -3.7600

Conversions

Conversions Part 2

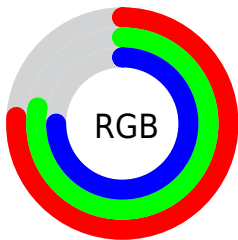
Format	Color
RYB	192, 200, 198
Decimal	12765376
CIELab	79.94, -3.53, 3.27
CIELCh	80, 4.810, 137.166
Yxy	56.5837, 0.3138, 0.3388
Android (android.graphics.Color)	4290955456 (0xFFC2C8C0)
YUV	197.2940, -2.6099, -2.8888
Hunter-Lab	75.2221, -7.2552, 6.9177

Details

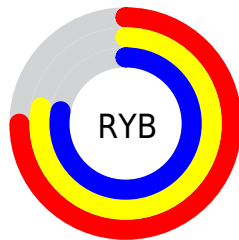
The XYZ color **52.4168, 56.5837, 58.0282** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **52.5659, 53.8767, 62.2753**, and the grayscale version is **53.2656, 56.0396, 61.0271**.

A 20% lighter version of the original color is **92.1276, 98.6213, 102.9871**, and **25.7543, 27.9973, 28.4727** is the 20% darker color. If you saturate the color by 10%, you get **46.6917, 53.8728, 46.9677**, and if you desaturate by 10%, it is **58.8351, 59.6204, 70.6955**.

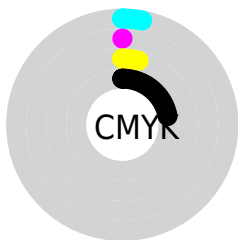
Distribution



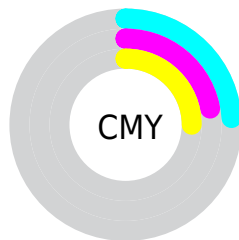
- Red (76%)
- Green (78%)
- Blue (75%)



- Red (75%)
- Yellow (78%)
- Blue (78%)



- Cyan (3%)
- Magenta (0%)
- Yellow (4%)
- Black (22%)



- Cyan (24%)
- Magenta (22%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.4168, 56.5837, 58.0282 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 52.4168, 56.5837, 58.0282 by changing the saturation by 10% instead.

■ 52.4168, 56.5837,
58.0282

■ 52.4168, 56.5837,
58.0282

386.3412,
411.8875, 434.8922

■ 37.5630, 40.6711,
41.4165

■ 92.9162, 99.8575,
103.4791

■ 25.8194, 28.0622,
28.3225

119.2926,
127.9875, 133.1554

■ 16.8205, 18.3725,
18.3277

150.2405,
160.9587, 168.0235

■ 10.2011, 11.2178,
11.0137

186.1254,
199.1556, 208.5022

■ 5.5958, 6.2135,
5.9618

227.3125,
242.9625, 255.0098

■ 2.6392, 2.9753,
2.7534

274.1673,

■ 0.9660, 1.1189,

292.7639, 307.9650

0.9702

327.0551,
348.9441, 367.7863

■ 0.0000, 0.0000,
0.0000

■ 52.4168, 56.5837,
58.0282

■ 52.4168, 56.5837,
58.0282

■ 46.6917, 53.8728,
46.9677

■ 58.8351, 59.6204,
70.6955

■ 41.6315, 51.4697,
37.4464

■ 65.9642, 62.9858,
85.0265

■ 37.2129, 49.3654,
29.3969

■ 73.8271, 66.6920,
101.0796

■ 33.4094, 47.5479,
22.7459

■ 79.5840, 69.6045,
103.8482

■ 30.1926, 46.0043,
17.4134

■ 79.9454, 69.7908,
103.8651

■ 27.5316, 44.7205,
13.3115

■ 25.3927, 43.6814,
10.3416

■ 23.7380, 42.8699,
8.3899

■ 22.5236, 42.2662,
7.3188

Harmonies

Analogous

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



53.2292, 56.5837, 56.6169



52.4168, 56.5837, 58.0282



51.9723, 56.5837, 60.4240

Triad

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



52.4168, 56.5837, 58.0282



53.3654, 56.5837, 66.9996



55.5939, 56.5837, 60.0376

Complementary

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



52.4168, 56.5837, 58.0282



52.5659, 53.8767, 62.2753

Split Complementary

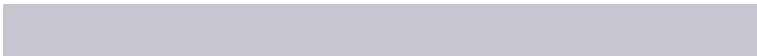
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



55.6315, 56.5837, 62.8114



52.4168, 56.5837, 58.0282



54.3368, 56.5837, 66.8885

Square

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



52.4168, 56.5837, 58.0282



52.5154, 56.5837, 65.6354



55.1689, 56.5837, 65.3363



55.0669, 56.5837, 57.7527

Rectangle

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



52.4168, 56.5837, 58.0282



51.9408, 56.5837, 62.2828



55.1689, 56.5837, 65.3363



55.6644, 56.5837, 60.9421

Sweetspot

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



52.4184, 56.5861, 58.0294



93.9418, 99.4758, 106.7193



53.5303, 56.4759, 57.9495



20.1191, 21.2975, 22.8653



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.



52.4184, 56.5861, 58.0294



89.6329, 97.4367, 98.2844



52.1318, 56.4126, 59.1813



11.2184, 12.2396, 12.2396



14.0382, 26.7323, 4.4200



0.7335, 1.3012, 0.2125

Inverse Universe

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



52.5659, 53.8767, 62.2753



89.9543, 91.5340, 107.5345



52.8642, 54.0573, 61.0764



11.2632, 11.4176, 13.5277



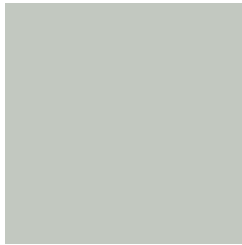
14.7153, 6.8203, 35.2852



0.7601, 0.3556, 1.6737

Previews

White Background



This preview shows how the XYZ color 52.4168, 56.5837, 58.0282 looks on a white background.

Color Contrast Check

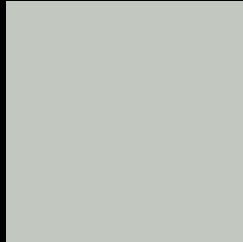
Large Text (above 18pt) WCAG AA × Fail

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 52.4168, 56.5837, 58.0282 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

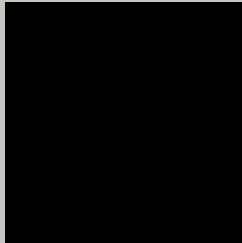
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.4168, 56.5837, 58.0282

Background



This preview shows how black text looks on a background with the XYZ color 52.4168, 56.5837, 58.0282.



This preview shows how white text looks on a background with the XYZ color 52.4168, 56.5837,

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

52.4168, 56.5837, 58.0282

Protanopia

53.8891, 56.3467, 56.7509

Deuteranopia

57.8007, 56.6544, 58.9279



Tritanopia

54.8759, 56.5563, 70.3115

Trichromacy



Original Color

52.4168, 56.5837, 58.0282

Protanomaly

53.4175, 56.4291, 57.3667

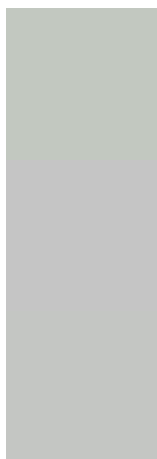
Deuteranomaly

55.7191, 56.5821, 58.4368

Tritanomaly

53.9785, 56.5317, 65.8243

Monochromacy



Original Color

52.4168, 56.5837, 58.0282

Achromatopsia

53.0703, 55.8340, 60.8033

Achromatomaly

52.8094, 56.0641, 59.6679

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.4168, 56.5837, 58.0282 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(194, 200, 192) looks like.

```
.text, #text, p{  
    color:rgb(194, 200, 192)  
}
```

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(194, 200, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 200, 192) }
```

Border

The CSS property to change the border of an element to XYZ 52.4168, 56.5837, 58.0282 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(194, 200, 192) }
```


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

```
.border{ border-color:rgb(194, 200, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 200, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 200, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 200, 192);  
box-shadow:4px 4px 4px 4px rgb(194, 200,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 52.4168, 56.5837, 58.0282 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 200, 192) }
```

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

```
.background{ background-color: rgb(194,  
200, 192) }
```

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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