

Converting Colors

XYZ(52.5557, 56.3139, 58.2010)

Have a look what the booklet for
XYZ(52.5557, 56.3139, 58.2010)
contains.

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Color

**XYZ(52.4435, 56.2547,
57.9633)**

Conversions

Conversions Part 1

Format	Color
Hex	C3C7C0
RGB	195, 199, 192
RGB Percent	76%, 78%, 75%
CMY	0.2353, 0.2196, 0.2471
CMYK	0.02, 0.00, 0.04, 0.22
HSL	94°, 6%, 77%
HSV	94°, 4%, 78%
XYZ	52.4435, 56.2547, 57.9633
YIQ	197.0060, -0.1370, -3.0250

Conversions

Conversions Part 2

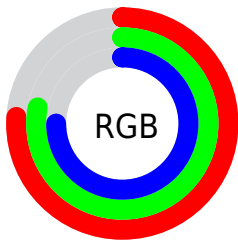
Format	Color
RYB	192, 199, 196
Decimal	12830656
CIELab	79.76, -2.65, 3.01
CIELCh	80, 4.013, 131.415
Yxy	56.2547, 0.3147, 0.3375
Android (android.graphics.Color)	4291020736 (0xFFC3C7C0)
YUV	197.0060, -2.4680, -1.7593
Hunter-Lab	75.0031, -6.4452, 6.6822

Details

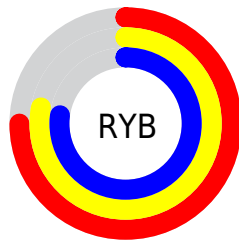
The XYZ color **52.4435, 56.2547, 57.9633** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **51.9255, 53.5600, 61.6371**, and the grayscale version is **53.0904, 55.8552, 60.8263**.

A 20% lighter version of the original color is **92.8482, 98.9928, 103.0208**, and **25.7701, 27.7776, 28.4295** is the 20% darker color. If you saturate the color by 10%, you get **47.5580, 53.9755, 46.9923**, and if you desaturate by 10%, it is **57.8543, 58.7735, 70.5176**.

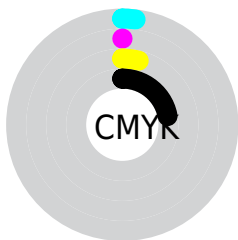
Distribution



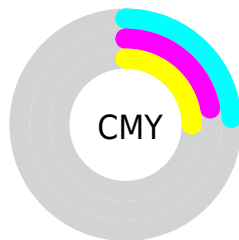
- Red (76%)
- Green (78%)
- Blue (75%)



- Red (75%)
- Yellow (78%)
- Blue (77%)



- Cyan (2%)
- Magenta (0%)
- Yellow (4%)
- Black (22%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.4435, 56.2547, 57.9633 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 52.4435, 56.2547, 57.9633 by changing the saturation by 10% instead.

■ 52.4435, 56.2547,
57.9633

■ 52.4435, 56.2547,
57.9633

386.4423,
410.6507, 434.6436

■ 37.5844, 40.4072,
41.3646

■ 92.9553, 99.3769,
103.3837

■ 25.8360, 27.8562,
28.2823

119.3388,
127.4203, 133.0424

■ 16.8331, 18.2173,
18.2977

150.2944,
160.2978, 167.8917

■ 10.2101, 11.1061,
10.9923

186.1875,
198.3939, 208.3499

■ 5.6018, 6.1382,
5.9475

227.3835,
242.0927, 254.8357

■ 2.6428, 2.9293,
2.7449

274.2477,

■ 0.9678, 1.0949,

291.7789, 307.7675

0.9659

327.1455,
347.8368, 367.5640

■ 0.0000, 0.0000,
0.0000

■ 52.4435, 56.2547,
57.9633

■ 52.4435, 56.2547,
57.9633

■ 47.5580, 53.9755,
46.9923

■ 57.8543, 58.7735,
70.5176

■ 43.1763, 51.9214,
37.5381

■ 63.8018, 61.5315,
84.7108

■ 39.2821, 50.0870,
29.5349

■ 70.3028, 64.5379,
100.6004

■ 35.8565, 48.4641,
22.9108

■ 74.5820, 66.6831,
103.5480

■ 32.8792, 47.0440,
17.5874

■ 78.5770, 68.7426,
103.7349

■ 30.3280, 45.8171,
13.4789

■ 79.7145, 69.3290,
103.7882

■ 28.1787, 44.7730,
10.4887

■ 26.4040, 43.9002,
8.5060

■ 24.9717, 43.1849,
7.3967

Harmonies

Analogous

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



53.1604, 56.2547, 56.9777



52.4435, 56.2547, 57.9633



52.0039, 56.2547, 59.8394

Triad

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



52.4435, 56.2547, 57.9633



52.9729, 56.2547, 65.5831



55.0115, 56.2547, 60.3722

Complementary

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



52.4435, 56.2547, 57.9633



51.9255, 53.5600, 61.6371

Split Complementary

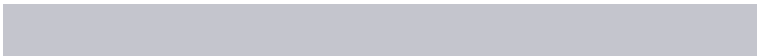
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



54.9601, 56.2547, 62.6862



52.4435, 56.2547, 57.9633



53.7776, 56.2547, 65.7345

Square

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



52.4435, 56.2547, 57.9633



52.3075, 56.2547, 64.2538



54.5066, 56.2547, 64.6624



54.6464, 56.2547, 58.3448

Rectangle

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



52.4435, 56.2547, 57.9633



51.9246, 56.2547, 61.3621



54.5066, 56.2547, 64.6624



55.0425, 56.2547, 61.1416

Sweetspot

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



52.4451, 56.2571, 57.9645



94.1078, 99.5614, 106.7270



52.8022, 55.4149, 57.7831



20.1529, 21.3149, 22.8669



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.



52.4451, 56.2571, 57.9645



91.3381, 98.2712, 100.3804



51.7295, 55.8822, 58.2015



11.4345, 12.3458, 12.4827



15.6516, 27.5640, 4.4955



0.8236, 1.3477, 0.2167

Inverse Universe

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



51.9255, 53.5600, 61.6371



90.2928, 92.8446, 107.7696



52.6596, 53.9447, 61.3888



11.2830, 11.5591, 13.5539



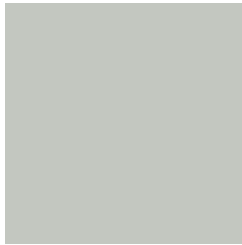
11.1730, 4.9941, 35.1194



0.6107, 0.2786, 1.6667

Previews

White Background



This preview shows how the XYZ color 52.4435, 56.2547, 57.9633 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 52.4435, 56.2547, 57.9633 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

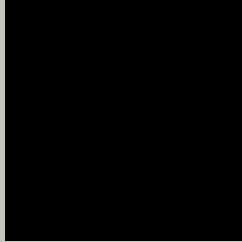
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

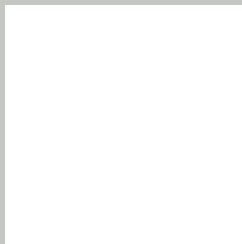
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 52.4435, 56.2547, 57.9633

Background



This preview shows how black text looks on a background with the XYZ color 52.4435, 56.2547, 57.9633.



This preview shows how white text looks on a background with the XYZ color 52.4435, 56.2547,

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

52.4435, 56.2547, 57.9633

Protanopia

53.9988, 56.3906, 57.3286

Deuteranopia

57.2818, 56.0621, 58.8409



Tritanopia

54.9123, 56.2391, 70.2484

Trichromacy



Original Color

52.4435, 56.2547, 57.9633

Protanomaly

53.4175, 56.4291, 57.3667

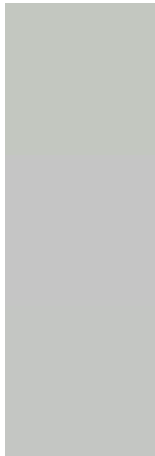
Deuteranomaly

55.4958, 56.1355, 58.3624

Tritanomaly

54.0117, 56.2106, 65.7606

Monochromacy



Original Color

52.4435, 56.2547, 57.9633

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 52.4435, 56.2547, 57.9633 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(195, 199, 192) looks like.

```
.text, #text, p{  
    color:rgb(195, 199, 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(195, 199, 192) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 199, 192) }
```

Border

The CSS property to change the border of an element to XYZ 52.4435, 56.2547, 57.9633 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(195, 199, 192) }
```


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

```
.border{ border-color:rgb(195, 199, 192) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 199, 192)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 199, 192); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 199, 192);  
box-shadow:4px 4px 4px 4px rgb(195, 199,  
192) }
```

Background

The CSS property to change the background color of an element to XYZ 52.4435, 56.2547, 57.9633 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 199, 192) }
```

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

```
.background{ background-color: rgb(195,  
199, 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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