

Converting Colors

XYZ(50.8450, 52.5657, 58.1105)

Have a look what the booklet for
XYZ(50.8450, 52.5657, 58.1105)
contains.

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Color

**XYZ(50.8040, 52.4129,
57.8911)**

Conversions

Conversions Part 1

Format	Color
Hex	C4BEC1
RGB	196, 190, 193
RGB Percent	77%, 75%, 76%
CMY	0.2314, 0.2549, 0.2431
CMYK	0.00, 0.03, 0.02, 0.23
HSL	330°, 5%, 76%
HSV	330°, 3%, 77%
XYZ	50.8040, 52.4129, 57.8911
YIQ	192.1360, 2.6130, 2.2050

Conversions

Conversions Part 2

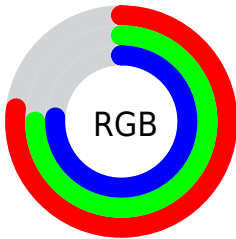
Format	Color
RYB	196, 190, 193
Decimal	12893889
CIELab	77.53, 2.65, -0.77
CIELCh	78, 2.755, 343.753
Yxy	52.4129, 0.3153, 0.3253
Android (android.graphics.Color)	4291083969 (0xFFC4BEC1)
YUV	192.1360, 0.4260, 3.3887
Hunter-Lab	72.3968, -1.4330, 3.2673

Details

The XYZ color **50.8040, 52.4129, 57.8911** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **50.6027, 54.2786, 58.2645**, and the grayscale version is **50.1801, 52.7934, 57.4920**.

A 20% lighter version of the original color is **90.5627, 93.6337, 102.9225**, and **24.8346, 25.5356, 28.4309** is the 20% darker color. If you saturate the color by 10%, you get **45.7836, 44.0644, 50.9990**, and if you desaturate by 10%, it is **56.4708, 61.9368, 65.3578**.

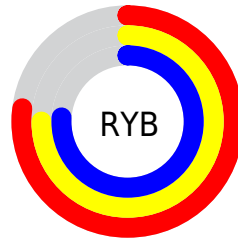
Distribution



Red (77%)

Green (75%)

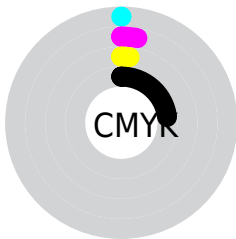
Blue (76%)



Red (77%)

Yellow (75%)

Blue (76%)

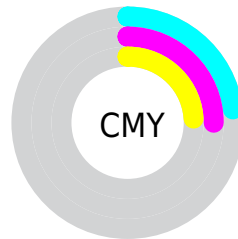


Cyan (0%)

Magenta (3%)

Yellow (2%)

Black (23%)



Cyan (23%)

Magenta (25%)

Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.8040, 52.4129, 57.8911 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 50.8040, 52.4129, 57.8911 by changing the saturation by 10% instead.

■ 50.8040, 52.4129,
57.8911

■ 50.8040, 52.4129,
57.8911

380.2020,
396.0286, 434.3669

■ 36.2731, 37.3343,
41.3070

■ 90.5497, 93.7399,
103.2775

■ 24.8162, 25.4664,
28.2375

116.4952,
120.7571, 132.9168

■ 16.0682, 16.4249,
18.2642

146.9762,
152.5226, 167.7450

■ 9.6636, 9.8253,
10.9684

182.3581,
189.4208, 208.1805

■ 5.2370, 5.2833,
5.9317

223.0063,
231.8361, 254.6419

■ 2.4232, 2.4144,
2.7355

269.2861,

■ 0.8567, 0.8333,

280.1529, 307.5477

0.9612

321.5629,
334.7556, 367.3166

■ 0.0000, 0.0000,
0.0000

■ 50.8040, 52.4129,
57.8911

■ 50.8040, 52.4129,
57.8911

■ 45.7836, 44.0644,
50.9990

■ 56.4708, 61.9368,
65.3578

■ 41.3811, 36.8385,
44.6632

■ 62.8023, 72.6724,
73.4099

■ 37.5725, 30.6888,
38.8693

■ 69.8215, 84.6631,
82.0623

■ 34.3303, 25.5629,
33.6007

■ 73.1223, 89.0947,
89.8526

■ 31.6249, 21.4038,
28.8401

■ 74.5564, 89.6684,
97.4043

■ 29.4237, 18.1490,
24.5687

■ 76.0694, 90.2736,
105.3718

■ 27.6906, 15.7288,
20.7664

■ 76.5752, 90.4759,
108.0354

■ 26.3840, 14.0627,
17.4108

■ 25.4542, 13.0543,
14.4766

Harmonies

Analogous

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



50.5266, 52.4129, 59.2080



50.8040, 52.4129, 57.8911



50.8157, 52.4129, 56.3761

Triad

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



50.8040, 52.4129, 57.8911



49.5744, 52.4129, 54.2741



49.0827, 52.4129, 59.1158

Complementary

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



50.8040, 52.4129, 57.8911



50.6027, 54.2786, 58.2645

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.



48.8313, 52.4129, 57.7670



50.8040, 52.4129, 57.8911



49.1138, 52.4129, 54.9816

Square

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



50.8040, 52.4129, 57.8911



50.1032, 52.4129, 54.3060



48.8426, 52.4129, 56.2542



49.5317, 52.4129, 59.9236

Rectangle

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



50.8040, 52.4129, 57.8911



50.6710, 52.4129, 55.4587



48.8426, 52.4129, 56.2542



48.9724, 52.4129, 58.7096

Sweetspot

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



50.8055, 52.4152, 57.8922



94.0372, 98.3019, 107.5525



50.3715, 52.1523, 59.6368



20.1385, 21.0585, 23.0349



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.



50.8055, 52.4152, 57.8922



91.0711, 93.3396, 103.5744



50.4745, 52.2828, 56.1492



10.7928, 11.0165, 12.2596



16.0859, 8.1241, 8.3645



0.7298, 0.3649, 0.5447

Inverse Universe

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



50.8055, 52.4152, 57.8922



91.0711, 93.3396, 103.5744



50.9405, 54.4137, 60.0432



10.7928, 11.0165, 12.2596



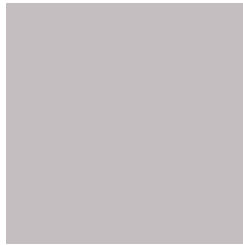
16.0859, 8.1241, 8.3645



0.7298, 0.3649, 0.5447

Previews

White Background



This preview shows how the XYZ color 50.8040, 52.4129, 57.8911 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 50.8040, 52.4129, 57.8911 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

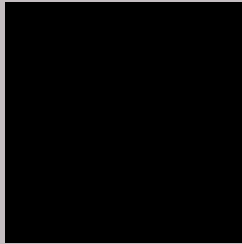
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 50.8040, 52.4129, 57.8911

Background



This preview shows how black text looks on a background with the XYZ color 50.8040, 52.4129, 57.8911.

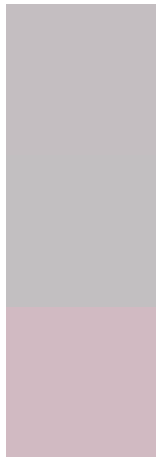


This preview shows how white text looks on a background with the XYZ color 50.8040, 52.4129,

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

50.8040, 52.4129, 57.8911

Protanopia

50.5046, 52.5812, 57.9394

Deuteranopia

53.5910, 52.5682, 58.3611



Tritanopia

52.0514, 52.2840, 63.8483

Trichromacy



Original Color

50.8040, 52.4129, 57.8911

Protanomaly

50.7621, 52.7140, 57.9514

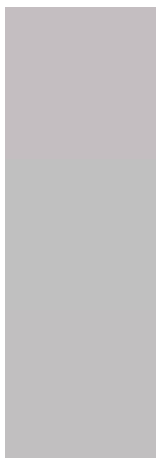
Deuteranomaly

52.4098, 52.2731, 58.3664

Tritanomaly

51.5324, 52.3890, 61.4289

Monochromacy



Original Color

50.8040, 52.4129, 57.8911

Achromatopsia

50.1023, 52.7115, 57.4028

Achromatomaly

50.1375, 52.4048, 57.3418

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.8040, 52.4129, 57.8911 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(196, 190, 193)` looks like.

```
.text, #text, p{  
    color:rgb(196, 190, 193)  
}
```

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(196, 190, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 190, 193) }
```

Border

The CSS property to change the border of an element to XYZ 50.8040, 52.4129, 57.8911 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(196, 190, 193) }
```


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

```
.border{ border-color:rgb(196, 190, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 190, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 190, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 190, 193);  
box-shadow:4px 4px 4px 4px rgb(196, 190,  
193) }
```

Background

The CSS property to change the background color of an element to XYZ 50.8040, 52.4129, 57.8911 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 190, 193) }
```

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

```
.background{ background-color: rgb(196,  
190, 193) }
```

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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