

Converting Colors

XYZ(52.4518, 52.9420, 57.9064)

Have a look what the booklet for
XYZ(52.4518, 52.9420, 57.9064)
contains.

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Color

**XYZ(52.4518, 52.9420,
57.9064)**

Conversions

Conversions Part 1

Format	Color
Hex	CBBDC1
RGB	203, 189, 193
RGB Percent	80%, 74%, 76%
CMY	0.2039, 0.2588, 0.2431
CMYK	0.00, 0.07, 0.05, 0.20
HSL	343°, 12%, 77%
HSV	343°, 7%, 80%
XYZ	52.4518, 52.9420, 57.9064
YIQ	193.6420, 7.0600, 4.2120

Conversions

Conversions Part 2

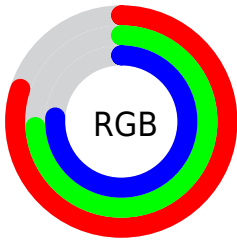
Format	Color
R _Y B	203, 189, 193
Decimal	13352385
CIE Lab	77.84, 5.63, -0.24
CIE LCh	78, 5.639, 357.517
Yxy	52.9420, 0.3212, 0.3242
Android (android.graphics.Color)	4291542465 (0xFFCBBDC1)
YUV	193.6420, -0.3165, 8.2070
Hunter-Lab	72.7613, 1.3441, 3.7475

Details

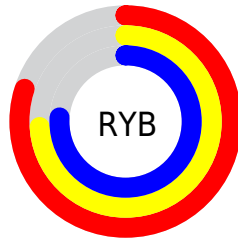
The XYZ color **52.4518, 52.9420, 57.9064** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **52.6530, 57.6555, 62.3891**, and the grayscale version is **51.0668, 53.7263, 58.5079**.

A 20% lighter version of the original color is **90.9913, 93.4044, 102.8556**, and **25.9322, 25.8913, 28.4417** is the 20% darker color. If you saturate the color by 10%, you get **46.8479, 44.1973, 48.4437**, and if you desaturate by 10%, it is **58.8286, 62.9772, 68.4109**.

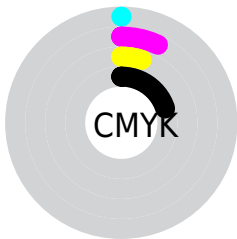
Distribution



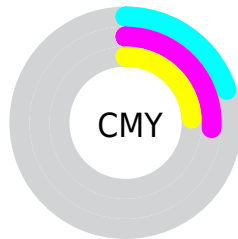
- Red (80%)
- Green (74%)
- Blue (76%)



- Red (80%)
- Yellow (74%)
- Blue (76%)



- Cyan (0%)
- Magenta (7%)
- Yellow (5%)
- Black (20%)



- Cyan (20%)
- Magenta (26%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.4518, 52.9420, 57.9064 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 52.4518, 52.9420, 57.9064 by changing the saturation by 10% instead.

■ 52.4518, 52.9420,
57.9064

■ 52.4518, 52.9420,
57.9064

386.4737,
398.0626, 434.4256

■ 37.5910, 37.7565,
41.3192

■ 92.9675, 94.5190,
103.3000

■ 25.8412, 25.7937,
28.2470

119.3531,
121.6793, 132.9434

■ 16.8369, 16.6694,
18.2713

150.3111,
153.5999, 167.7761

■ 10.2129, 9.9991,
10.9735

186.2068,
190.6654, 208.2164

■ 5.6037, 5.3983,
5.9351

227.4056,
233.2599, 254.6830

■ 2.6440, 2.4828,
2.7375

274.2727,

■ 0.9684, 0.8680,

281.7681, 307.5943

0.9622

327.1737,
336.5741, 367.3690

■ 0.0000, 0.0000,
0.0000

■ 52.4518, 52.9420,
57.9064

■ 52.4518, 52.9420,
57.9064

■ 46.8479, 44.1973,
48.4437

■ 58.8286, 62.9772,
68.4109

■ 41.9826, 36.6838,
39.9870

■ 66.0019, 74.3452,
79.9848

■ 37.8257, 30.3479,
32.5035

■ 73.9999, 87.0950,
92.6586

■ 34.3430, 25.1295,
25.9571

■ 77.8040, 91.1827,
104.7795

■ 31.4976, 20.9628,
20.3094

■ 78.4388, 91.4366,
108.1226

■ 29.2486, 17.7755,
15.5194

■ 27.5504, 15.4856,
11.5423

■ 26.3503, 13.9979,
8.3290

■ 25.5797, 13.1864,
5.8221

Harmonies

Analogous

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



52.1160, 52.9420, 60.9428



52.4518, 52.9420, 57.9064



52.2095, 52.9420, 54.9048

Triad

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



52.4518, 52.9420, 57.9064



49.3537, 52.9420, 52.4629



49.1980, 52.9420, 62.8801

Complementary

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



52.4518, 52.9420, 57.9064



52.6530, 57.6555, 62.3891

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.



48.4763, 52.9420, 60.4746



52.4518, 52.9420, 57.9064



48.5653, 52.9420, 54.4680

Square

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



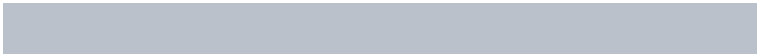
52.4518, 52.9420, 57.9064



50.4110, 52.9420, 51.8304



48.2463, 52.9420, 57.3841



50.2286, 52.9420, 63.8786

Rectangle

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



52.4518, 52.9420, 57.9064



51.7546, 52.9420, 53.3131



48.2463, 52.9420, 57.3841



48.9117, 52.9420, 62.2051

Sweetspot

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



52.4533, 52.9443, 57.9075



92.8634, 96.5566, 105.3043



52.4790, 52.8243, 63.9306



19.8995, 20.7031, 22.5772



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.



52.4533, 52.9443, 57.9075



86.6253, 86.7644, 94.9510



52.6214, 53.9843, 55.7936



11.3418, 11.2655, 12.3347



16.1932, 8.2879, 3.4703



0.8685, 0.4408, 0.3535

Inverse Universe

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



52.4533, 52.9443, 57.9075



86.6253, 86.7644, 94.9510



52.4681, 56.5333, 64.6471



11.3418, 11.2655, 12.3347



16.1932, 8.2879, 3.4703



0.8685, 0.4408, 0.3535

Previews

White Background



This preview shows how the XYZ color 52.4518, 52.9420, 57.9064 looks on a white background.

Color Contrast Check

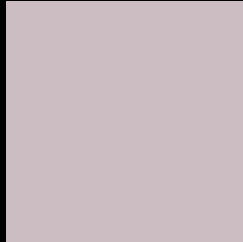
Large Text (above 18pt) WCAG AA × Fail

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 52.4518, 52.9420, 57.9064 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

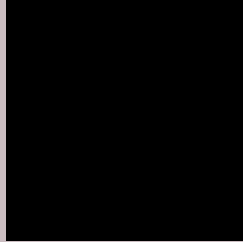
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.4518, 52.9420, 57.9064

Background



This preview shows how black text looks on a background with the XYZ color 52.4518, 52.9420, 57.9064.



This preview shows how white text looks on a background with the XYZ color 52.4518, 52.9420,

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

52.4518, 52.9420, 57.9064

Protanopia

50.8741, 52.7587, 58.5410

Deuteranopia

53.8749, 52.7145, 58.3743



Tritanopia

53.5457, 53.0681, 63.2981

Trichromacy



Original Color

52.4518, 52.9420, 57.9064

Protanomaly

51.4398, 52.7277, 58.5052

Deuteranomaly

53.2401, 52.7011, 58.4052

Tritanomaly

53.1939, 52.9273, 61.4452

Monochromacy



Original Color

52.4518, 52.9420, 57.9064

Achromatopsia

51.2775, 53.9479, 58.7493

Achromatomaly

51.6132, 53.4646, 58.6383

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.4518, 52.9420, 57.9064 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(203, 189, 193)` looks like.

```
.text, #text, p{  
    color:rgb(203, 189, 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(203, 189, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 189, 193) }
```

Border

The CSS property to change the border of an element to XYZ 52.4518, 52.9420, 57.9064 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(203, 189, 193) }
```


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

```
.border{ border-color:rgb(203, 189, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 189, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(203, 189, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(203, 189, 193);  
box-shadow:4px 4px 4px 4px rgb(203, 189,  
193) }
```

Background

The CSS property to change the background color of an element to XYZ 52.4518, 52.9420, 57.9064 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 189, 193) }
```

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

```
.background{ background-color: rgb(203,  
189, 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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