

Converting Colors

XYZ(52.5815, 52.8226, 58.0962)

Have a look what the booklet for
XYZ(52.5815, 52.8226, 58.0962)
contains.

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Color

**XYZ(52.5107, 52.6541,
57.8477)**

Conversions

Conversions Part 1

Format	Color
Hex	CCBCC1
RGB	204, 188, 193
RGB Percent	80%, 74%, 76%
CMY	0.2000, 0.2627, 0.2431
CMYK	0.00, 0.08, 0.05, 0.20
HSL	341°, 14%, 77%
HSV	341°, 8%, 80%
XYZ	52.5107, 52.6541, 57.8477
YIQ	193.3540, 7.9310, 4.9470

Conversions

Conversions Part 2

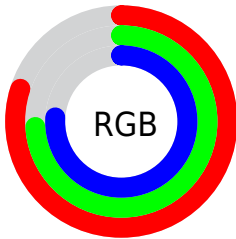
Format	Color
R _Y B	204, 188, 193
Decimal	13417665
CIE Lab	77.67, 6.52, -0.48
CIE LCh	78, 6.540, 355.761
Yxy	52.6541, 0.3221, 0.3230
Android (android.graphics.Color)	4291607745 (0xFFCCBCC1)
YUV	193.3540, -0.1745, 9.3365
Hunter-Lab	72.5631, 2.1870, 3.5279

Details

The XYZ color **52.5107, 52.6541, 57.8477** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **52.6427, 58.0020, 62.4567**, and the grayscale version is **50.8958, 53.5464, 58.3120**.

A 20% lighter version of the original color is **90.6896, 92.8009, 102.7550**, and **25.9753, 25.7054, 28.4035** is the 20% darker color. If you saturate the color by 10%, you get **46.9659, 43.9507, 48.6415**, and if you desaturate by 10%, it is **58.8230, 62.6535, 68.0434**.

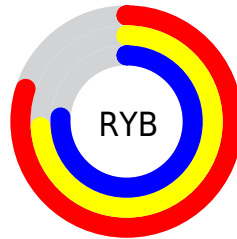
Distribution



Red (80%)

Green (74%)

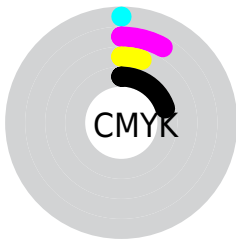
Blue (76%)



Red (80%)

Yellow (74%)

Blue (76%)

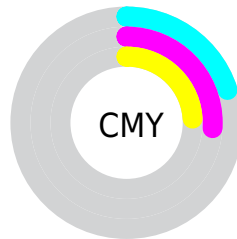


Cyan (0%)

Magenta (8%)

Yellow (5%)

Black (20%)



Cyan (20%)


Magenta (26%)


Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.5107, 52.6541, 57.8477 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 52.5107, 52.6541, 57.8477 by changing the saturation by 10% instead.


 52.5107, 52.6541,
57.8477

 52.5107, 52.6541,
57.8477


386.6967,
396.9566, 434.2006

 37.6382, 37.5267,
41.2723

 93.0538, 94.0952,
103.2136

 25.8780, 25.6156,
28.2106


119.4550,
121.1777, 132.8413

 16.8646, 16.5363,
18.2441


150.4300,
153.0140, 167.6567

 10.2327, 9.9044,
10.9541

186.3439,
189.9885, 208.0786

 5.6170, 5.3356,
5.9222

227.5622,
232.4856, 254.5254

 2.6520, 2.4455,
2.7298

274.4502,

 0.9725, 0.8492,

280.8898, 307.4156

0.9584

327.3732,
335.5853, 367.1678

■ 0.0000, 0.0000,
0.0000

■ 52.5107, 52.6541,
57.8477

■ 52.5107, 52.6541,
57.8477

■ 46.9659, 43.9507,
48.6415

■ 58.8230, 62.6535,
68.0434

■ 42.1542, 36.4833,
40.3912

■ 65.9264, 73.9919,
79.2541

■ 38.0454, 30.1975,
33.0661

■ 73.8491, 86.7190,
91.5086

■ 34.6053, 25.0321,
26.6327

■ 77.7788, 91.2042,
103.2207

■ 31.7967, 20.9204,
21.0552

■ 78.7121, 91.5775,
108.1354

■ 29.5786, 17.7884,
16.2951

■ 27.9050, 15.5526,
12.3109

■ 26.7224, 14.1152,
9.0566

■ 25.9555, 13.3353,
6.4765

Harmonies

Analogous

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



52.0836, 52.6541, 61.3399



52.5107, 52.6541, 57.8477



52.2684, 52.6541, 54.3574

Triad

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



52.5107, 52.6541, 57.8477



48.9966, 52.6541, 51.2849



48.6903, 52.6541, 63.2838

Complementary

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



52.5107, 52.6541, 57.8477



52.6427, 58.0020, 62.4567

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.



47.8878, 52.6541, 60.4119



52.5107, 52.6541, 57.8477



48.0626, 52.6541, 53.5014

Square

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



52.5107, 52.6541, 57.8477



50.2261, 52.6541, 50.6625



47.6599, 52.6541, 56.8181



49.8666, 52.6541, 64.5611

Rectangle

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



52.5107, 52.6541, 57.8477



51.7620, 52.6541, 52.4850



47.6599, 52.6541, 56.8181



48.3687, 52.6541, 62.4672

Sweetspot

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



52.5122, 52.6564, 57.8488



92.8850, 96.5652, 105.4181



52.4196, 52.4616, 64.4907



19.9039, 20.7049, 22.6004



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.



52.5122, 52.6564, 57.8488



85.7230, 85.2463, 93.7667



52.5970, 53.7030, 55.1733



11.3543, 11.2704, 12.4001



16.2882, 8.3259, 3.9704



0.8746, 0.4433, 0.3856

Inverse Universe

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



52.5122, 52.6564, 57.8488



85.7230, 85.2463, 93.7667



52.5421, 56.8569, 65.3326



11.3543, 11.2704, 12.4001



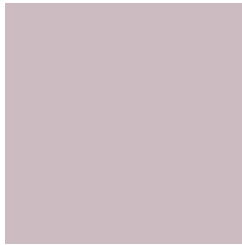
16.2882, 8.3259, 3.9704



0.8746, 0.4433, 0.3856

Previews

White Background



This preview shows how the XYZ color 52.5107, 52.6541, 57.8477 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 52.5107, 52.6541, 57.8477 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

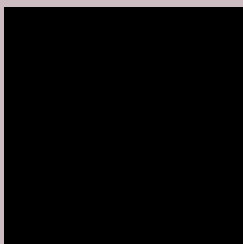
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

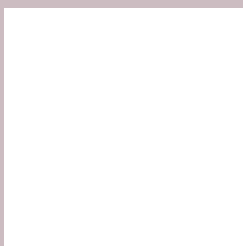
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 52.5107, 52.6541, 57.8477

Background



This preview shows how black text looks on a background with the XYZ color 52.5107, 52.6541, 57.8477.



This preview shows how white text looks on a background with the XYZ color 52.5107, 52.6541,

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

52.5107, 52.6541, 57.8477

Protanopia

50.7293, 52.6711, 59.1226

Deuteranopia

53.7629, 52.6697, 57.7847



Tritanopia

53.4898, 52.7368, 62.6184

Trichromacy



Original Color

52.5107, 52.6541, 57.8477

Protanomaly

51.4398, 52.7277, 58.5052

Deuteranomaly

53.4084, 52.8008, 57.8287

Tritanomaly

53.1402, 52.5970, 60.7775

Monochromacy



Original Color

52.5107, 52.6541, 57.8477

Achromatopsia

50.6879, 53.3276, 58.0738

Achromatomaly

51.2824, 52.9822, 57.9758

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.5107, 52.6541, 57.8477 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(204, 188, 193) looks like.

```
.text, #text, p{  
    color:rgb(204, 188, 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(204, 188, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 188, 193) }
```

Border

The CSS property to change the border of an element to XYZ 52.5107, 52.6541, 57.8477 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(204, 188, 193) }
```


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

```
.border{ border-color:rgb(204, 188, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 188, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 188, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 188, 193);  
box-shadow:4px 4px 4px 4px rgb(204, 188,  
193) }
```

Background

The CSS property to change the background color of an element to XYZ 52.5107, 52.6541, 57.8477 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 188, 193) }
```

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

```
.background{ background-color: rgb(204,  
188, 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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