

Converting Colors

XYZ(53.1636, 57.6487, 50.0646)

Have a look what the booklet for
XYZ(53.1636, 57.6487, 50.0646)
contains.

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Color

**XYZ(52.9099, 57.3651,
49.8789)**

Conversions

Conversions Part 1

Format	Color
Hex	C9C9B1
RGB	201, 201, 177
RGB Percent	79%, 79%, 69%
CMY	0.2118, 0.2117, 0.3059
CMYK	0.00, 0.00, 0.12, 0.21
HSL	60°, 18%, 74%
HSV	60°, 12%, 79%
XYZ	52.9099, 57.3651, 49.8789
YIQ	198.2640, 7.7040, -7.4640

Conversions

Conversions Part 2

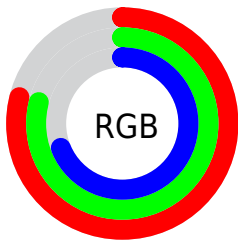
Format	Color
RYB	177, 201, 177
Decimal	13224369
CIELab	80.38, -4.14, 12.00
CIELCh	80, 12.699, 109.029
Yxy	57.3651, 0.3304, 0.3582
Android (android.graphics.Color)	4291414449 (0xFFC9C9B1)
YUV	198.2640, -10.4832, 2.3995
Hunter-Lab	75.7398, -7.8489, 13.9720

Details

The XYZ color **52.9099, 57.3651, 49.8789** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **44.3983, 45.0099, 61.6091**, and the grayscale version is **53.8969, 56.7037, 61.7503**.

A 20% lighter version of the original color is **91.7080, 98.6632, 91.3012**, and **26.1044, 28.5257, 23.1989** is the 20% darker color. If you saturate the color by 10%, you get **51.0520, 56.6237, 40.0928**, and if you desaturate by 10%, it is **55.0661, 58.2296, 61.2218**.

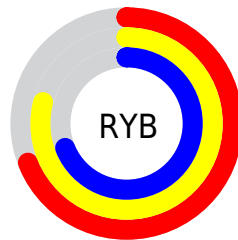
Distribution



Red (79%)

Green (79%)

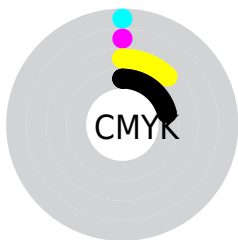
Blue (69%)



Red (69%)

Yellow (79%)

Blue (69%)

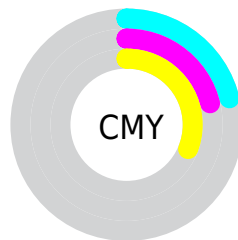


Cyan (0%)

Magenta (0%)

Yellow (12%)

Black (21%)



Cyan (21%)

Magenta (21%)

Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 52.9099, 57.3651, 49.8789 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 52.9099, 57.3651, 49.8789 by changing the saturation by 10% instead.

■ 52.9099, 57.3651,
49.8789

■ 52.9099, 57.3651,
49.8789

388.2059,
414.8160, 402.9137

■ 37.9580, 41.2984,
34.9467

■ 93.6381, 100.9977,
91.3899

■ 26.1272, 28.5524,
23.3386

120.1451,
129.3325, 118.8057

■ 17.0520, 18.7424,
14.6361

151.2346,
162.5254, 151.2198

■ 10.3671, 11.4843,
8.4206

187.2718,
200.9608, 189.0508

■ 5.7072, 6.3936,
4.2736

228.6222,
245.0232, 232.7171

■ 2.7068, 3.0859,
1.7766

275.6511,

■ 1.0007, 1.1767,

295.0969, 282.6373

0.4125

328.7239,
351.5664, 339.2300

■ 0.0000, 0.0426,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 52.9099, 57.3651,
49.8789

■ 52.9099, 57.3651,
49.8789

■ 51.0520, 56.6237,
40.0928

■ 55.0661, 58.2296,
61.2218

■ 49.4748, 55.9928,
31.7921


■ 57.5279, 59.2144,
74.1813


■ 48.1662, 55.4692,
24.9053


■ 60.3084, 60.3267,
88.8187


■ 47.1111, 55.0471,
19.3538


■ 63.0289, 61.4150,
103.1400


 46.2932, 54.7198,
15.0509


 63.0297, 61.4154,
103.1401


 45.6940, 54.4800,
11.9001


 63.0306, 61.4159,
103.1401


 45.2926, 54.3194,
9.7906

 63.0314, 61.4163,
103.1402

 45.0637, 54.2277,
8.5899

 63.0323, 61.4167,
103.1402

 44.9680, 54.1894,
8.0895

 63.0331, 61.4172,
103.1402

Harmonies

Analogous

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



55.4809, 57.3651, 49.4320



52.9099, 57.3651, 49.8789



50.8353, 57.3651, 53.5349

Triad

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



52.9099, 57.3651, 49.8789



51.3109, 57.3651, 73.9077



59.5808, 57.3651, 65.2258

Complementary

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



52.9099, 57.3651, 49.8789



44.3983, 45.0099, 61.6091

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.



58.3865, 57.3651, 72.3276



52.9099, 57.3651, 49.8789



53.5778, 57.3651, 77.5987

Square

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



52.9099, 57.3651, 49.8789



49.9326, 57.3651, 67.2466



56.1702, 57.3651, 76.9985



59.3882, 57.3651, 57.9077

Rectangle

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



52.9099, 57.3651, 49.8789



49.9873, 57.3651, 57.4751



56.1702, 57.3651, 76.9985



59.3268, 57.3651, 67.7269

Sweetspot

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



52.9114, 57.3676, 49.8801



93.4503, 99.3601, 100.4793



47.7471, 47.0375, 48.1584



19.9399, 21.2422, 21.1786



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.



52.9114, 57.3676, 49.8801



89.8237, 97.9092, 81.3892



49.8108, 55.7692, 49.7350



11.5238, 12.4169, 11.3521



28.2727, 34.0704, 5.0861



1.3388, 1.6133, 0.2408

Inverse Universe

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



44.3983, 45.0099, 61.6091



72.7653, 73.1472, 104.8914



47.2527, 46.4814, 61.7427



10.0569, 10.2876, 13.3731



6.6291, 2.6517, 34.9068



0.3139, 0.1256, 1.6528

Previews

White Background



This preview shows how the XYZ color 52.9099, 57.3651, 49.8789 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 52.9099, 57.3651, 49.8789 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

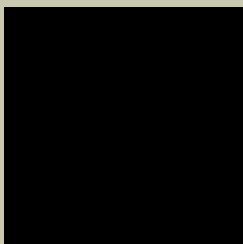
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

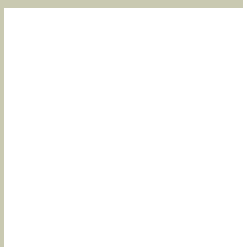
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 52.9099, 57.3651, 49.8789

Background



This preview shows how black text looks on a background with the XYZ color 52.9099, 57.3651, 49.8789.



This preview shows how white text looks on a background with the XYZ color 52.9099, 57.3651,

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

52.9099, 57.3651, 49.8789

Protanopia

54.2723, 57.3913, 49.2915

Deuteranopia

58.3504, 57.1227, 50.5982



Tritanopia

56.9514, 57.3048, 69.6873

Trichromacy



Original Color

52.9099, 57.3651, 49.8789

Protanomaly

53.6676, 57.4223, 49.3293

Deuteranomaly

56.1663, 56.9963, 50.1606

Tritanomaly

55.4047, 57.3491, 62.1822

Monochromacy



Original Color

52.9099, 57.3651, 49.8789

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

53.2709, 56.7067, 56.8530

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.9099, 57.3651, 49.8789 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(201, 201, 177)` looks like.

```
.text, #text, p{  
    color:rgb(201, 201, 177)  
}
```

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(201, 201, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 201, 177) }
```

Border

The CSS property to change the border of an element to XYZ 52.9099, 57.3651, 49.8789 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(201, 201, 177) }
```


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

```
.border{ border-color:rgb(201, 201, 177) }
```

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

Here you see how a box with a 4 pixel rgb(201, 201, 177) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 201, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 201, 177);  
box-shadow:4px 4px 4px 4px rgb(201, 201,  
177) }
```

Background

The CSS property to change the background color of an element to XYZ 52.9099, 57.3651, 49.8789 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 201, 177) }
```

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

```
.background{ background-color: rgb(201,  
201, 177) }
```

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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