

Converting Colors

XYZ(54.1060, 56.8825, 60.8797)

Have a look what the booklet for
XYZ(54.1060, 56.8825, 60.8797)
contains.

XYZ(54.3209, 57.1574, 60.9928)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	23
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

**XYZ(54.3209, 57.1574,
60.9928)**

Conversions

Conversions Part 1

Format	Color
Hex	C8C7C5
RGB	200, 199, 197
RGB Percent	78%, 78%, 77%
CMY	0.2157, 0.2196, 0.2274
CMYK	0.00, 0.00, 0.01, 0.22
HSL	40°, 3%, 78%
HSV	40°, 1%, 78%
XYZ	54.3209, 57.1574, 60.9928
YIQ	199.0710, 1.2380, -0.4100

Conversions

Conversions Part 2

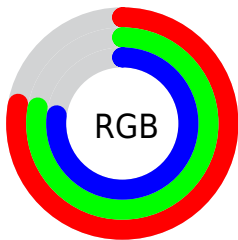
Format	Color
RYB	199, 200, 197
Decimal	13158341
CIELab	80.27, -0.01, 1.11
CIELCh	80, 1.112, 90.721
Yxy	57.1574, 0.3150, 0.3314
Android (android.graphics.Color)	4291348421 (0xFFC8C7C5)
YUV	199.0710, -1.0210, 0.8147
Hunter-Lab	75.6025, -4.0510, 5.0892

Details

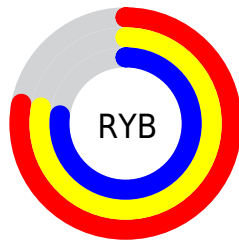
The XYZ color **54.3209, 57.1574, 60.9928** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **53.6455, 56.4280, 62.7087**, and the grayscale version is **54.3364, 57.1661, 62.2539**.

A 20% lighter version of the original color is **94.8894, 99.9358, 108.0543**, and **26.9374, 28.3450, 30.0380** is the 20% darker color. If you saturate the color by 10%, you get **50.6846, 53.3116, 49.2145**, and if you desaturate by 10%, it is **58.3313, 61.2633, 74.3973**.

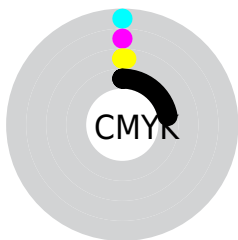
Distribution



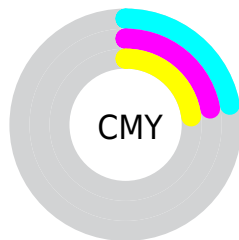
- Red (78%)
- Green (78%)
- Blue (77%)



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



- Cyan (0%)
- Magenta (0%)
- Yellow (1%)
- Black (22%)



- Cyan (22%)
- Magenta (22%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.3209, 57.1574, 60.9928 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 54.3209, 57.1574, 60.9928 by changing the saturation by 10% instead.

■ 54.3209, 57.1574,
60.9928

■ 54.3209, 57.1574,
60.9928

393.5109,
414.0388, 446.1534

■ 39.0900, 41.1316,
43.7888

95.6994, 100.6948,
107.8259

■ 27.0108, 28.4219,
30.1686

122.5777,
128.9753, 138.2922

■ 17.7179, 18.6440,
19.7134

154.0691,
162.1094, 174.0163

■ 10.8461, 11.4133,
12.0049

190.5390,
200.4815, 215.4168

■ 6.0300, 6.3456,
6.6244

232.3528,
244.4762, 262.9122

■ 2.9042, 3.0563,
3.1535

279.8758,

■ 1.1033, 1.1612,

294.4777, 316.9211

1.1735

333.4734,
350.8704, 377.8620

■ 0.0279, 0.0297,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.3209, 57.1574,
60.9928

■ 54.3209, 57.1574,
60.9928

■ 50.6846, 53.3116,
49.2145

■ 58.3313, 61.2633,
74.3973

■ 47.4048, 49.7121,
38.9957

■ 62.7231, 65.6280,
89.4837

■ 44.4696, 46.3545,
30.2708

■ 67.1852, 70.1304,
104.6032

■ 41.8646, 43.2317,
22.9679

■ 68.9528, 73.6656,
105.1924

■ 39.5742, 40.3360,
17.0093

■ 70.7904, 77.3408,
105.8050

■ 37.5812, 37.6591,
12.3095

■ 72.6987, 81.1575,
106.4411

■ 35.8668, 35.1919,
8.7733

■ 74.6786, 85.1171,
107.1010

■ 34.4093, 32.9243,
6.2918

■ 76.7307, 89.2213,
107.7850

■ 33.1832, 30.8445,
4.7350

■ 77.6298, 91.0196,
108.0847

Harmonies

Analogous

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



54.5402, 57.1574, 61.1504



54.3209, 57.1574, 60.9928



54.1037, 57.1574, 61.1660

Triad

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



54.3209, 57.1574, 60.9928



53.9519, 57.1574, 62.8756



54.7081, 57.1574, 62.8482

Complementary

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



54.3209, 57.1574, 60.9928



53.6455, 56.4280, 62.7087

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.



54.5497, 57.1574, 63.3158



54.3209, 57.1574, 60.9928



54.1132, 57.1574, 63.3317

Square

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



54.3209, 57.1574, 60.9928



53.8910, 57.1574, 62.2504



54.3319, 57.1574, 63.4933



54.7641, 57.1574, 62.2190

Rectangle

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



54.3209, 57.1574, 60.9928



53.9891, 57.1574, 61.4465



54.3319, 57.1574, 63.4933



54.6650, 57.1574, 63.0296

Sweetspot

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



54.3225, 57.1599, 60.9940

95.0500, 100.0000, 108.9000



53.9796, 56.2900, 61.4470



20.3446, 21.4041, 23.3091



0.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



54.3225, 57.1599, 60.9940



93.7015, 98.5996, 104.4533



54.4193, 57.5513, 61.0645



11.8160, 12.4336, 13.1994



20.6119, 18.7410, 2.5310



1.0405, 1.0164, 0.1413

Inverse Universe

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



53.6455, 56.4280, 62.7087



92.1217, 96.8918, 108.4544



53.5496, 56.0415, 62.6392



11.6318, 12.2344, 13.6659



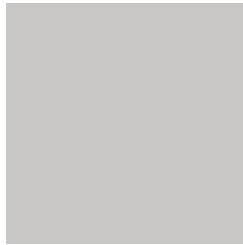
7.9582, 5.3103, 35.3499



0.4437, 0.3851, 1.6961

Previews

White Background



This preview shows how the XYZ color 54.3209, 57.1574, 60.9928 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 54.3209, 57.1574, 60.9928 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

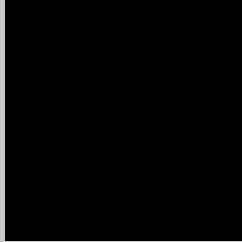
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

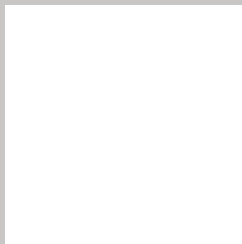
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 54.3209, 57.1574, 60.9928

Background



This preview shows how black text looks on a background with the XYZ color 54.3209, 57.1574, 60.9928.



This preview shows how white text looks on a background with the XYZ color 54.3209, 57.1574,

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

54.3209, 57.1574, 60.9928

Protanopia

54.7865, 57.0702, 60.3526

Deuteranopia

58.1764, 57.1226, 61.3856



Tritanopia

56.2070, 57.2425, 70.3738

Trichromacy



Original Color

54.3209, 57.1574, 60.9928

Protanomaly

54.5150, 56.9302, 60.3399

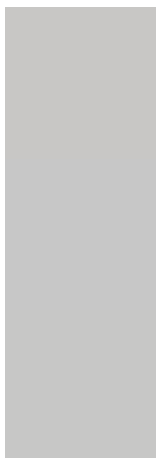
Deuteranomaly

56.5721, 56.9563, 61.4381

Tritanomaly

55.5440, 57.3107, 67.1661

Monochromacy



Original Color

54.3209, 57.1574, 60.9928

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

54.1697, 57.0662, 61.5859

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.3209, 57.1574, 60.9928 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(200, 199, 197)` looks like.

```
.text, #text, p{  
    color:rgb(200, 199, 197)  
}
```

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(200, 199, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 199, 197) }
```

Border

The CSS property to change the border of an element to XYZ 54.3209, 57.1574, 60.9928 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(200, 199, 197) }
```

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

```
.border{ border-color:rgb(200, 199, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 199, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 199, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 199, 197);  
box-shadow:4px 4px 4px 4px rgb(200, 199,  
197) }
```


Background

The CSS property to change the background color of an element to XYZ 54.3209, 57.1574, 60.9928 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 199, 197) }
```

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

```
.background{ background-color: rgb(200,  
199, 197) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor