

Converting Colors

XYZ(54.5901, 57.2125, 60.8310)

Have a look what the booklet for
XYZ(54.5901, 57.2125, 60.8310)
contains.

XYZ(54.5889, 57.2956, 61.0053)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(54.5889, 57.2956,
61.0053)**

Conversions

Conversions Part 1

Format	Color
Hex	C9C7C5
RGB	201, 199, 197
RGB Percent	79%, 78%, 77%
CMY	0.2118, 0.2196, 0.2274
CMYK	0.00, 0.01, 0.02, 0.21
HSL	30°, 4%, 78%
HSV	30°, 2%, 79%
XYZ	54.5889, 57.2956, 61.0053
YIQ	199.3700, 1.8340, -0.1980

Conversions

Conversions Part 2

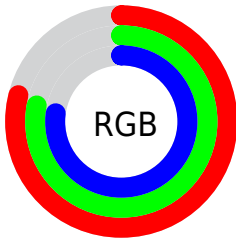
Format	Color
R_{YB}	201, 201, 197
Decimal	13223877
CIE Lab	80.35, 0.33, 1.23
CIE LCh	80, 1.278, 74.892
Yxy	57.2956, 0.3157, 0.3314
Android (android.graphics.Color)	4291413957 (0xFFC9C7C5)
YUV	199.3700, -1.1684, 1.4295
Hunter-Lab	75.6939, -3.7336, 5.2011

Details

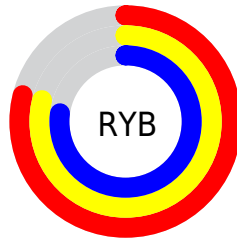
The XYZ color **54.5889, 57.2956, 61.0053** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **53.9920, 56.9335, 63.4028**, and the grayscale version is **54.5202, 57.3595, 62.4645**.

A 20% lighter version of the original color is **94.8894, 99.9358, 108.0543**, and **27.1159, 28.4370, 30.0463** is the 20% darker color. If you saturate the color by 10%, you get **50.2054, 51.9714, 48.9287**, and if you desaturate by 10%, it is **59.4350, 63.0520, 74.7526**.

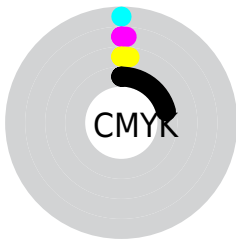
Distribution



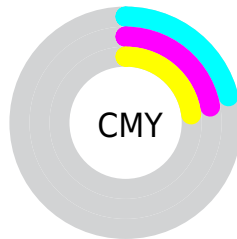
- Red (79%)
- Green (78%)
- Blue (77%)



- Red (79%)
- Yellow (79%)
- Blue (77%)



- Cyan (0%)
- Magenta (1%)
- Yellow (2%)
- Black (21%)



- Cyan (21%)
- Magenta (22%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.5889, 57.2956, 61.0053 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 54.5889, 57.2956, 61.0053 by changing the saturation by 10% instead.

■ 54.5889, 57.2956,
61.0053

■ 54.5889, 57.2956,
61.0053

394.5135,
414.5560, 446.2005

■ 39.3052, 41.2426,
43.7989

96.0902, 100.8964,
107.8442

■ 27.1790, 28.5087,
30.1764

123.0385,
129.2130, 138.3138

■ 17.8450, 18.7095,
19.7193

154.6058,
162.3862, 174.0414

■ 10.9378, 11.4605,
12.0091

191.1574,
200.8005, 215.4458

■ 6.0920, 6.3775,
6.6273

233.0585,
244.8402, 262.9453

■ 2.9423, 3.0760,
3.1552

280.6747,

■ 1.1233, 1.1715,

294.8898, 316.9586

1.1744

334.3713,
351.3336, 377.9042

■ 0.0445, 0.0383,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.5889, 57.2956,
61.0053

■ 54.5889, 57.2956,
61.0053

■ 50.2054, 51.9714,
48.9287

■ 59.4350, 63.0520,
74.7526

■ 46.2647, 47.0614,
38.4547

■ 64.7531, 69.2434,
90.2278

■ 42.7525, 42.5568,
29.5156

■ 70.1854, 75.7330,
105.5265

■ 39.6519, 38.4460,
22.0378

■ 73.0437, 81.4497,
106.4793

■ 36.9448, 34.7166,
15.9413

■ 76.0652, 87.4925,
107.4864

■ 34.6114, 31.3554,
11.1387

■ 77.8978, 91.1577,
108.0973

■ 32.6299, 28.3481,
7.5320

■ 30.9758, 25.6794,
5.0092

■ 29.6201, 23.3315,
3.4364

Harmonies

Analogous

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



54.8147, 57.2956, 61.3744



54.5889, 57.2956, 61.0053



54.3286, 57.2956, 61.0039

Triad

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



54.5889, 57.2956, 61.0053



53.9733, 57.2956, 62.7560



54.8134, 57.2956, 63.4108

Complementary

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



54.5889, 57.2956, 61.0053



53.9920, 56.9335, 63.4028

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.



54.5871, 57.2956, 63.7871



54.5889, 57.2956, 61.0053



54.1023, 57.2956, 63.4070

Square

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



54.5889, 57.2956, 61.0053



53.9738, 57.2956, 62.0106



54.3268, 57.2956, 63.7857



54.9446, 57.2956, 62.7612

Rectangle

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



54.5889, 57.2956, 61.0053



54.1706, 57.2956, 61.2115



54.3268, 57.2956, 63.7857



54.7459, 57.2956, 63.5737

Sweetspot

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



54.5905, 57.2981, 61.0065



94.2374, 99.0275, 106.6172



54.3633, 56.4744, 62.0691



20.1793, 21.2062, 22.8445



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.



54.5905, 57.2981, 61.0065



93.4329, 98.0625, 104.3638



55.0529, 58.2229, 61.1607



11.7847, 12.3709, 13.1890



18.1432, 13.8035, 1.7081



0.9315, 0.7985, 0.1050

Inverse Universe

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



53.9920, 56.9335, 63.4028



92.3890, 97.4265, 108.5435



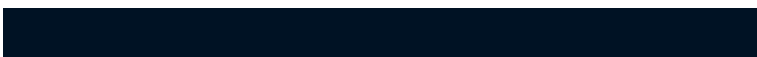
53.5357, 56.0207, 63.2507



11.6630, 12.2968, 13.6763



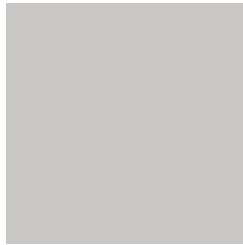
9.6053, 8.6046, 35.8989



0.5273, 0.5523, 1.7240

Previews

White Background



This preview shows how the XYZ color 54.5889, 57.2956, 61.0053 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 54.5889, 57.2956, 61.0053 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

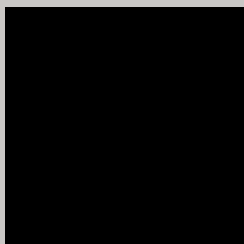
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

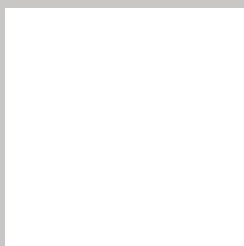
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 54.5889, 57.2956, 61.0053

Background



This preview shows how black text looks on a background with the XYZ color 54.5889, 57.2956, 61.0053.

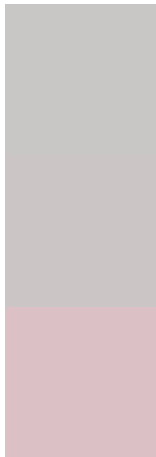


This preview shows how white text looks on a background with the XYZ color 54.5889, 57.2956,

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

54.5889, 57.2956, 61.0053

Protanopia

54.9007, 57.1159, 60.9542

Deuteranopia

58.4764, 57.2772, 61.3996



Tritanopia

56.4785, 57.3825, 70.3865

Trichromacy



Original Color

54.5889, 57.2956, 61.0053

Protanomaly

54.6292, 56.9759, 60.9415

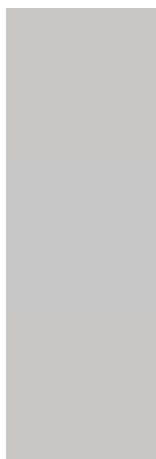
Deuteranomaly

56.8595, 57.1045, 61.4515

Tritanomaly

55.8137, 57.4497, 67.1787

Monochromacy



Original Color

54.5889, 57.2956, 61.0053

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

54.4359, 57.2034, 61.5984

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.5889, 57.2956, 61.0053 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, 199, 197) looks like.

```
.text, #text, p{  
    color:rgb(201, 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(201, 199, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 199, 197) }
```

Border

The CSS property to change the border of an element to XYZ 54.5889, 57.2956, 61.0053 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, 199, 197) }
```


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

```
.border{ border-color:rgb(201, 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(201, 199, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 199, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 199, 197);  
box-shadow:4px 4px 4px 4px rgb(201, 199,  
197) }
```

Background

The CSS property to change the background color of an element to XYZ 54.5889, 57.2956, 61.0053 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 199, 197) }
```

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

```
.background{ background-color: rgb(201,  
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