

Converting Colors

XYZ(54.5406, 60.1225, 56.9044)

Have a look what the booklet for
XYZ(54.5406, 60.1225, 56.9044)
contains.

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Color

**XYZ(54.5241, 60.1701,
56.8844)**

Conversions

Conversions Part 1

Format	Color
Hex	C5CFBD
RGB	197, 207, 189
RGB Percent	77%, 81%, 74%
CMY	0.2274, 0.1882, 0.2588
CMYK	0.05, 0.00, 0.09, 0.19
HSL	93°, 16%, 78%
HSV	93°, 9%, 81%
XYZ	54.5241, 60.1701, 56.8844
YIQ	201.9580, -0.1820, -7.7180

Conversions

Conversions Part 2

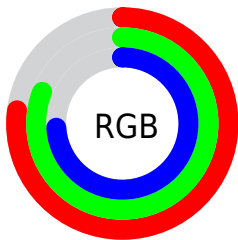
Format	Color
RYB	189, 207, 199
Decimal	12963773
CIELab	81.93, -6.66, 7.77
CIELCh	82, 10.233, 130.630
Yxy	60.1701, 0.3178, 0.3507
Android (android.graphics.Color)	4291153853 (0xFFC5CFBD)
YUV	201.9580, -6.3883, -4.3482
Hunter-Lab	77.5694, -10.2775, 10.8191

Details

The XYZ color **54.5241, 60.1701, 56.8844** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **53.0157, 53.0440, 66.4789**, and the grayscale version is **56.1529, 59.0773, 64.3351**.

A 20% lighter version of the original color is **93.1145, 99.1834, 100.6229**, and **27.1629, 30.3997, 27.7286** is the 20% darker color. If you saturate the color by 10%, you get **49.5381, 57.8428, 45.7469**, and if you desaturate by 10%, it is **60.0641, 62.7494, 69.7245**.

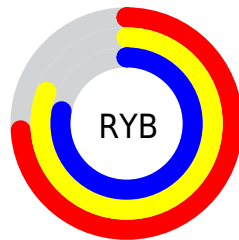
Distribution



Red (77%)

Green (81%)

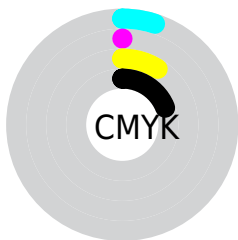
Blue (74%)



Red (74%)

Yellow (81%)

Blue (78%)

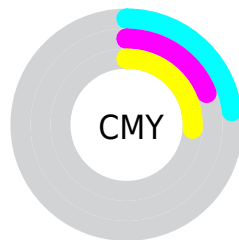


Cyan (5%)

Magenta (0%)

Yellow (9%)

Black (19%)



Cyan (23%)

Magenta (19%)

Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.5241, 60.1701, 56.8844 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 54.5241, 60.1701, 56.8844 by changing the saturation by 10% instead.

■ 54.5241, 60.1701,
56.8844

■ 54.5241, 60.1701,
56.8844

394.2712,
425.2245, 430.4976

■ 39.2532, 43.5558,
40.5037

■ 95.9957, 105.0764,
101.7952

■ 27.1383, 30.3214,
27.6147

122.9271,
134.1371, 131.1623

■ 17.8143, 20.0827,
17.7989

154.4761,
168.1154, 165.6953

■ 10.9156, 12.4552,
10.6378

191.0079,
207.3957, 205.8127

■ 6.0770, 7.0545,
5.7127

232.8880,
252.3623, 251.9331

■ 2.9331, 3.4962,
2.6053

280.4817,

■ 1.1185, 1.3959,

303.3998, 304.4751

0.8952

334.1543,
360.8923, 363.8570

■ 0.0405, 0.2137,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.5241, 60.1701,
56.8844

■ 54.5241, 60.1701,
56.8844

■ 49.5381, 57.8428,
45.7469

■ 60.0641, 62.7494,
69.7245

■ 45.0824, 55.7517,
36.2366

■ 66.1706, 65.5805,
84.3304

■ 41.1390, 53.8909,
28.2783

■ 72.8623, 68.6733,
100.7670

■ 37.6868, 52.2513,
21.7894

■ 77.3300, 70.9047,
104.2180

■ 34.7028, 50.8230,
16.6795

■ 81.4253, 73.0159,
104.4096

■ 32.1623, 49.5955,
12.8483

■ 81.6040, 73.1080,
104.4180

■ 30.0374, 48.5568,
10.1818

■ 28.2962, 47.6936,
8.5461

■ 26.8916, 46.9861,
7.7294

Harmonies

Analogous

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



56.4261, 60.1701, 54.4914



54.5241, 60.1701, 56.8844



53.3552, 60.1701, 61.6432

Triad

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



54.5241, 60.1701, 56.8844



55.8215, 60.1701, 77.4070



61.3758, 60.1701, 63.3423

Complementary

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



54.5241, 60.1701, 56.8844



53.0157, 53.0440, 66.4789

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.



61.2040, 60.1701, 69.5457



54.5241, 60.1701, 56.8844



57.9605, 60.1701, 77.9333

Square

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



54.5241, 60.1701, 56.8844



54.0911, 60.1701, 73.5815



59.9412, 60.1701, 74.9772



60.4048, 60.1701, 58.0607

Rectangle

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



54.5241, 60.1701, 56.8844



53.1310, 60.1701, 65.6460



59.9412, 60.1701, 74.9772



61.4504, 60.1701, 65.3842

Sweetspot

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



54.5258, 60.1727, 56.8857



92.2959, 98.7197, 102.4694



55.3202, 57.7427, 56.3748



19.6006, 21.0582, 21.5741



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.



54.5258, 60.1727, 56.8857



86.1906, 95.8761, 88.4585



52.5842, 59.1605, 57.3066



12.1478, 13.4596, 12.5698



16.9427, 29.6032, 4.8210



1.0379, 1.7019, 0.2738

Inverse Universe

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



53.0157, 53.0440, 66.4789



83.4015, 82.7097, 106.1766



55.0848, 54.1233, 66.0028



11.7829, 11.7369, 14.8881



11.6627, 5.1926, 37.5801



0.7426, 0.3370, 2.1055

Previews

White Background



This preview shows how the XYZ color 54.5241, 60.1701, 56.8844 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 54.5241, 60.1701, 56.8844 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

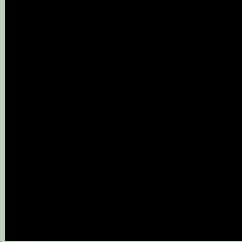
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

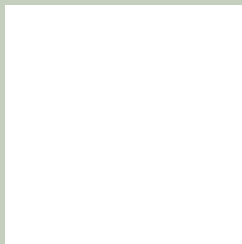
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 54.5241, 60.1701, 56.8844

Background



This preview shows how black text looks on a background with the XYZ color 54.5241, 60.1701, 56.8844.



This preview shows how white text looks on a background with the XYZ color 54.5241, 60.1701,

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

54.5241, 60.1701, 56.8844

Protanopia

57.1895, 60.1486, 55.6093

Deuteranopia

61.3651, 60.1881, 57.6734



Tritanopia

58.4992, 60.3829, 75.5897

Trichromacy



Original Color

54.5241, 60.1701, 56.8844

Protanomaly

56.1236, 59.9384, 56.1882

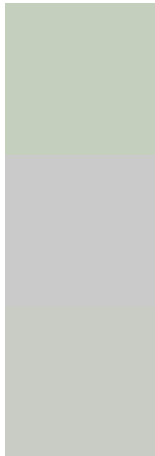
Deuteranomaly

58.7962, 60.2427, 57.2443

Tritanomaly

56.7974, 60.0192, 68.2658

Monochromacy



Original Color

54.5241, 60.1701, 56.8844

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

55.4903, 59.4963, 61.3826

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.5241, 60.1701, 56.8844 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(197, 207, 189)` looks like.

```
.text, #text, p{  
    color:rgb(197, 207, 189)  
}
```

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(197, 207, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 207, 189) }
```

Border

The CSS property to change the border of an element to XYZ 54.5241, 60.1701, 56.8844 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(197, 207, 189) }
```


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

```
.border{ border-color:rgb(197, 207, 189) }
```

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

Here you see how a box with a 4 pixel rgb(197, 207, 189) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 207, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 207, 189);  
box-shadow:4px 4px 4px 4px rgb(197, 207,  
189) }
```

Background

The CSS property to change the background color of an element to XYZ 54.5241, 60.1701, 56.8844 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 207, 189) }
```

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

```
.background{ background-color: rgb(197,  
207, 189) }
```

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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