

Converting Colors

XYZ(54.6054, 60.6997, 41.6705)

Have a look what the booklet for
XYZ(54.6054, 60.6997, 41.6705)
contains.

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Color

**XYZ(54.5833, 60.5387,
41.6092)**

Conversions

Conversions Part 1

Format	Color
Hex	D0CF9F
RGB	208, 207, 159
RGB Percent	82%, 81%, 62%
CMY	0.1843, 0.1882, 0.3765
CMYK	0.00, 0.00, 0.24, 0.18
HSL	59°, 34%, 72%
HSV	59°, 24%, 82%
XYZ	54.5833, 60.5387, 41.6092
YIQ	201.8270, 16.0040, -14.7160

Conversions

Conversions Part 2

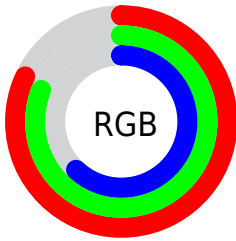
Format	Color
R_{YB}	160, 208, 159
Decimal	13684639
CIE _{Lab}	82.13, -7.37, 24.05
CIE _{LCh}	82, 25.159, 107.041
Yxy	60.5387, 0.3483, 0.3863
Android (android.graphics.Color)	4291874719 (0xFFD0CF9F)
YUV	201.8270, -21.1137, 5.4137
Hunter-Lab	77.8066, -10.9393, 22.7577

Details

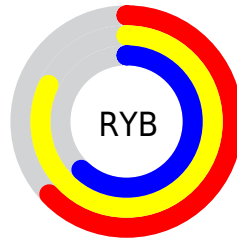
The XYZ color **54.5833, 60.5387, 41.6092** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **38.2541, 37.0660, 64.8132**, and the grayscale version is **56.1529, 59.0773, 64.3352**.

A 20% lighter version of the original color is **89.1376, 97.6350, 77.7657**, and **27.1819, 30.6163, 18.3868** is the 20% darker color. If you saturate the color by 10%, you get **52.8265, 59.6744, 32.8555**, and if you desaturate by 10%, it is **56.6473, 61.5304, 51.9653**.

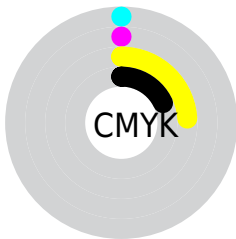
Distribution



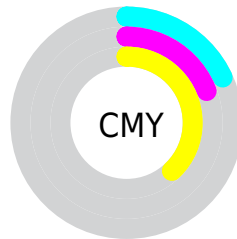
- Red (82%)
- Green (81%)
- Blue (62%)



- Red (63%)
- Yellow (82%)
- Blue (62%)



- Cyan (0%)
- Magenta (0%)
- Yellow (24%)
- Black (18%)



- Cyan (18%)
- Magenta (19%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.5833, 60.5387, 41.6092 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 54.5833, 60.5387, 41.6092 by changing the saturation by 10% instead.

■ 54.5833, 60.5387,
41.6092

■ 54.5833, 60.5387,
41.6092

394.4926,
426.5806, 368.6121

■ 39.3007, 43.8530,
28.4721

■ 96.0820, 105.6107,
78.8715

■ 27.1755, 30.5550,
18.4397

■ 123.0289,
134.7658, 103.8338

■ 17.8424, 20.2602,
11.0934

154.5946,
168.8462, 133.5750

■ 10.9359, 12.5843,
6.0148

191.1444,
208.2362, 168.5135

■ 6.0907, 7.1429,
2.7851

233.0438,
253.3202, 209.0679

■ 2.9415, 3.5517,
0.9860

280.6580,

■ 1.1229, 1.4261,

304.4827, 255.6568

0.0000

334.3525,
362.1080, 308.6987

■ 0.0441, 0.2358,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.5833, 60.5387,
41.6092

■ 54.5833, 60.5387,
41.6092

■ 52.8265, 59.6744,
32.8555

■ 56.6473, 61.5304,
51.9653

■ 51.3570, 58.9235,
25.6203

■ 59.0279, 62.6472,
63.9942

■ 50.1599, 58.2819,
19.8179

■ 61.7399, 63.8969,
77.7671

■ 49.2169, 57.7424,
15.3528

■ 64.7959, 65.2847,
93.3498

■ 48.5077, 57.2968,
12.1174

■ 66.8921, 66.2890,
103.8772

■ 48.0089, 56.9359,
9.9880

■ 66.9960, 66.4968,
103.9118

■ 47.6919, 56.6481,
8.8150

■ 67.1002, 66.7052,
103.9466

■ 47.5519, 56.4886,
8.3971

■ 67.2047, 66.9141,
103.9814

■ 67.3094, 67.1236,
104.0163

Harmonies

Analogous

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



59.8736, 60.5387, 41.2115



54.5833, 60.5387, 41.6092



50.3482, 60.5387, 47.8391

Triad

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



54.5833, 60.5387, 41.6092



50.8228, 60.5387, 89.8640



68.1377, 60.5387, 72.7330

Complementary

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



54.5833, 60.5387, 41.6092



38.2541, 37.0660, 64.8132

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.



65.3865, 60.5387, 88.0551



54.5833, 60.5387, 41.6092



55.2683, 60.5387, 98.9270

Square

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



54.5833, 60.5387, 41.6092



48.2710, 60.5387, 74.9151



60.6020, 60.5387, 98.2180



67.9260, 60.5387, 57.6687

Rectangle

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



54.5833, 60.5387, 41.6092



48.5942, 60.5387, 55.0984



60.6020, 60.5387, 98.2180



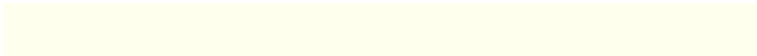
67.5219, 60.5387, 78.0649

Sweetspot

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



54.5849, 60.5414, 41.6105



92.1924, 98.6720, 94.4223



44.8120, 40.7673, 39.0568



19.6829, 21.0964, 19.9569



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.



54.5849, 60.5414, 41.6105



85.1488, 95.3018, 59.0351



48.8543, 57.9464, 41.4116



12.7820, 13.7547, 12.5933



29.6460, 35.2249, 5.2366



1.6643, 1.9829, 0.2950

Inverse Universe

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



38.2541, 37.0660, 64.8132



55.0811, 52.0802, 101.7571



43.0440, 39.2801, 64.9881



11.1827, 11.4556, 14.8654



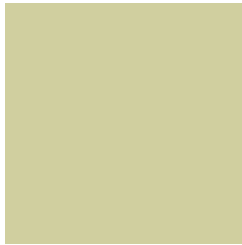
7.1330, 2.9126, 37.3787



0.4058, 0.1767, 2.0923

Previews

White Background



This preview shows how the XYZ color 54.5833, 60.5387, 41.6092 looks on a white background.

Color Contrast Check

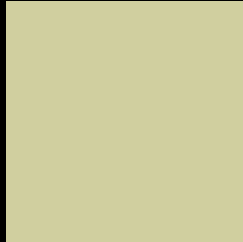
Large Text (above 18pt) WCAG AA × Fail

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 54.5833, 60.5387, 41.6092 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

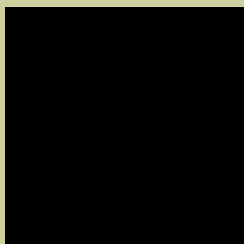
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

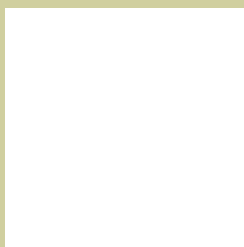
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 54.5833, 60.5387, 41.6092

Background



This preview shows how black text looks on a background with the XYZ color 54.5833, 60.5387, 41.6092.



This preview shows how white text looks on a background with the XYZ color 54.5833, 60.5387,

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

54.5833, 60.5387, 41.6092

Protanopia

56.6779, 60.5598, 41.0497

Deuteranopia

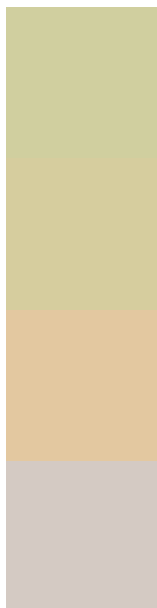
61.4328, 60.2302, 42.1059



Tritanopia

60.7135, 60.2002, 72.7098

Trichromacy



Original Color

54.5833, 60.5387, 41.6092

Protanomaly

55.7344, 60.4274, 41.0739

Deuteranomaly

58.6780, 60.1775, 41.7805

Tritanomaly

58.1222, 60.1782, 60.1820

Monochromacy



Original Color

54.5833, 60.5387, 41.6092

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

55.3576, 59.5683, 55.0345

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.5833, 60.5387, 41.6092 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(208, 207, 159)` looks like.

```
.text, #text, p{  
    color:rgb(208, 207, 159)  
}
```

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(208, 207, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 207, 159) }
```

Border

The CSS property to change the border of an element to XYZ 54.5833, 60.5387, 41.6092 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(208, 207, 159) }
```


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

```
.border{ border-color:rgb(208, 207, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 207, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 207, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 207, 159);  
box-shadow:4px 4px 4px 4px rgb(208, 207,  
159) }
```

Background

The CSS property to change the background color of an element to XYZ 54.5833, 60.5387, 41.6092 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 207, 159) }
```

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

```
.background{ background-color: rgb(208,  
207, 159) }
```

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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