

Converting Colors

XYZ(54.5103, 60.5937, 42.7552)

Have a look what the booklet for
XYZ(54.5103, 60.5937, 42.7552)
contains.

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Color

**XYZ(54.4780, 60.4643,
42.5177)**

Conversions

Conversions Part 1

Format	Color
Hex	CFCFA1
RGB	207, 207, 161
RGB Percent	81%, 81%, 63%
CMY	0.1882, 0.1882, 0.3686
CMYK	0.00, 0.00, 0.22, 0.19
HSL	60°, 32%, 72%
HSV	60°, 22%, 81%
XYZ	54.4780, 60.4643, 42.5177
YIQ	201.7560, 14.7660, -14.3060

Conversions

Conversions Part 2

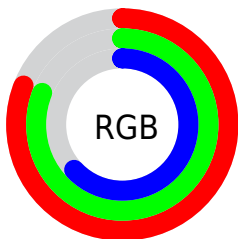
Format	Color
RYB	161, 207, 161
Decimal	13619105
CIELab	82.09, -7.47, 22.94
CIELCh	82, 24.121, 108.033
Yxy	60.4643, 0.3460, 0.3840
Android (android.graphics.Color)	4291809185 (0xFFCFCFA1)
YUV	201.7560, -20.0927, 4.5990
Hunter-Lab	77.7588, -11.0204, 22.0120

Details

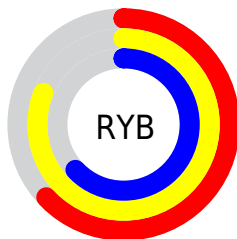
The XYZ color **54.4780, 60.4643, 42.5177** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **38.7076, 37.5734, 64.2472**, and the grayscale version is **56.1031, 59.0248, 64.2780**.

A 20% lighter version of the original color is **89.3947, 97.7379, 79.1194**, and **27.1004, 30.5620, 18.9387** is the 20% darker color. If you saturate the color by 10%, you get **52.8016, 59.7958, 33.6864**, and if you desaturate by 10%, it is **56.4598, 61.2591, 52.9433**.

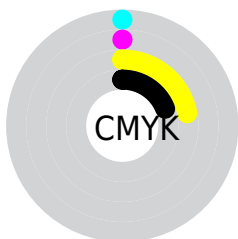
Distribution



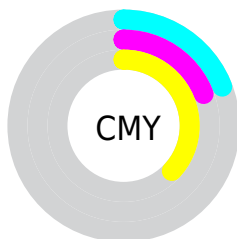
- Red (81%)
- Green (81%)
- Blue (63%)



- Red (63%)
- Yellow (81%)
- Blue (63%)



- Cyan (0%)
- Magenta (0%)
- Yellow (22%)
- Black (19%)





- Cyan (19%)
- Magenta (19%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.4780, 60.4643, 42.5177 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 54.4780, 60.4643, 42.5177 by changing the saturation by 10% instead.


 54.4780, 60.4643,
42.5177


 54.4780, 60.4643,
42.5177


394.0988,
426.3071, 372.4873

 39.2161, 43.7930,
29.1783


 95.9285, 105.5029,
80.2611

 27.1094, 30.5078,
18.9690

 122.8479,
134.6390, 105.5021

 17.7924, 20.2243,
11.4713


154.3838,
168.6987, 135.5474

 10.8998, 12.5582,
6.2666

190.9016,
208.0666, 170.8156

 6.0663, 7.1250,
2.9365

232.7666,
253.1270, 211.7251

 2.9265, 3.5404,
1.0623

280.3443,

 1.1150, 1.4200,

304.2643, 258.6946

0.0000

333.9999,
361.8628, 312.1424

■ 0.0376, 0.2314,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.4780, 60.4643,
42.5177

■ 54.4780, 60.4643,
42.5177

■ 52.8016, 59.7958,
33.6864

■ 56.4598, 61.2591,
52.9433

■ 51.4111, 59.2395,
26.3672

■ 58.7561, 62.1777,
65.0323

■ 50.2919, 58.7917,
20.4767

■ 61.3815, 63.2280,
78.8543

■ 49.4262, 58.4454,
15.9214

■ 64.3482, 64.4147,
94.4738

■ 48.7943, 58.1925,
12.5971

■ 66.0995, 65.1153,
103.6924

■ 48.3735, 58.0241,
10.3840

■ 66.1001, 65.1156,
103.6925

■ 48.1363, 57.9292,
9.1385

■ 66.1007, 65.1159,
103.6925

■ 48.0416, 57.8912,
8.6421

■ 66.1013, 65.1163,
103.6925

■ 66.1019, 65.1166,
103.6926

Harmonies

Analogous

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



59.5332, 60.4643, 41.9438



54.4780, 60.4643, 42.5177



50.4618, 60.4643, 48.7376

Triad

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



54.4780, 60.4643, 42.5177



51.1398, 60.4643, 89.0804



67.6389, 60.4643, 71.8507

Complementary

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



54.4780, 60.4643, 42.5177



38.7076, 37.5734, 64.2472

Split Complementary

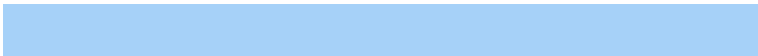
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



65.0976, 60.4643, 86.5264



54.4780, 60.4643, 42.5177



55.4541, 60.4643, 97.4171

Square

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



54.4780, 60.4643, 42.5177



48.6147, 60.4643, 74.9466



60.5686, 60.4643, 96.4186



67.3390, 60.4643, 57.4942

Rectangle

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



54.4780, 60.4643, 42.5177



48.8216, 60.4643, 55.8500



60.5686, 60.4643, 96.4186



67.0827, 60.4643, 76.9451

Sweetspot

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



54.4796, 60.4670, 42.5190



92.3073, 98.9028, 94.4608



44.9120, 41.3298, 39.3294



19.7096, 21.1501, 19.9658



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.



54.4796, 60.4670, 42.5190



85.8762, 96.3302, 60.6054



48.5153, 57.3923, 42.2399



12.8034, 13.7976, 12.6004



30.2667, 36.4720, 5.4446



1.6924, 2.0393, 0.3044

Inverse Universe

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



38.7076, 37.5734, 64.2472



55.9285, 52.8599, 101.8630



43.7764, 40.1864, 64.4844



11.1638, 11.4178, 14.8591



7.0961, 2.8385, 37.3664



0.3968, 0.1587, 2.0893

Previews

White Background



This preview shows how the XYZ color 54.4780, 60.4643, 42.5177 looks on a white background.

Color Contrast Check

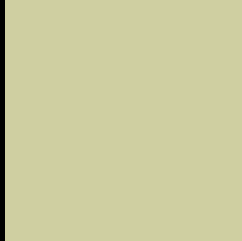
Large Text (above 18pt) WCAG AA × Fail

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 54.4780, 60.4643, 42.5177 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

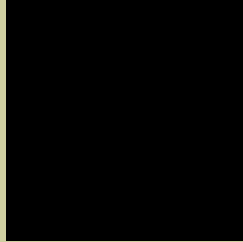
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

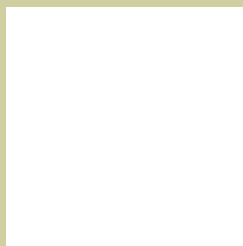
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 54.4780, 60.4643, 42.5177

Background



This preview shows how black text looks on a background with the XYZ color 54.4780, 60.4643, 42.5177.



This preview shows how white text looks on a background with the XYZ color 54.4780, 60.4643,

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

54.4780, 60.4643, 42.5177

Protanopia

56.4661, 60.4406, 41.4910

Deuteranopia

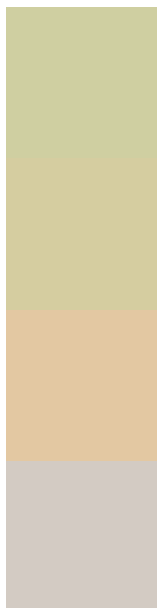
61.6107, 60.3013, 43.0424



Tritanopia

60.6516, 60.5110, 72.7731

Trichromacy



Original Color

54.4780, 60.4643, 42.5177

Protanomaly

55.6171, 60.3468, 41.9745

Deuteranomaly

58.8544, 60.2481, 42.7095

Tritanomaly

58.0702, 60.5009, 60.2470

Monochromacy



Original Color

54.4780, 60.4643, 42.5177

Achromatopsia

56.1383, 59.0619, 64.3184

Achromatomaly

55.4643, 59.6110, 55.5965

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.4780, 60.4643, 42.5177 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(207, 207, 161)` looks like.

```
.text, #text, p{  
    color:rgb(207, 207, 161)  
}
```

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(207, 207, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 207, 161) }
```

Border

The CSS property to change the border of an element to XYZ 54.4780, 60.4643, 42.5177 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(207, 207, 161) }
```


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

```
.border{ border-color:rgb(207, 207, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 207, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 207, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 207, 161);  
box-shadow:4px 4px 4px 4px rgb(207, 207,  
161) }
```

Background

The CSS property to change the background color of an element to XYZ 54.4780, 60.4643, 42.5177 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 207, 161) }
```

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

```
.background{ background-color: rgb(207,  
207, 161) }
```

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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