

Converting Colors

XYZ(54.5245, 57.5590, 46.2668)

Have a look what the booklet for
XYZ(54.5245, 57.5590, 46.2668)
contains.

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Color

**XYZ(54.5431, 57.5980,
46.2730)**

Conversions

Conversions Part 1

Format	Color
Hex	D3C7AA
RGB	211, 199, 170
RGB Percent	83%, 78%, 67%
CMY	0.1725, 0.2196, 0.3333
CMYK	0.00, 0.06, 0.19, 0.17
HSL	42°, 32%, 75%
HSV	42°, 19%, 83%
XYZ	54.5431, 57.5980, 46.2730
YIQ	199.2820, 16.4610, -6.4750

Conversions

Conversions Part 2

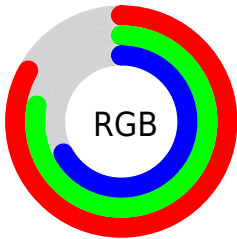
Format	Color
RYB	187, 211, 170
Decimal	13879210
CIELab	80.51, -0.51, 16.04
CIELCh	81, 16.046, 91.830
Yxy	57.5980, 0.3443, 0.3636
Android (android.graphics.Color)	4292069290 (0xFFD3C7AA)
YUV	199.2820, -14.4360, 10.2767
Hunter-Lab	75.8933, -4.5288, 16.9756

Details

The XYZ color **54.5431, 57.5980, 46.2730** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **45.0632, 46.7041, 68.2681**, and the grayscale version is **54.5386, 57.3789, 62.4856**.

A 20% lighter version of the original color is **90.5906, 98.2162, 85.4172**, and **27.1057, 28.6267, 21.2364** is the 20% darker color. If you saturate the color by 10%, you get **51.3139, 54.0814, 36.1268**, and if you desaturate by 10%, it is **58.1534, 61.3632, 58.1282**.

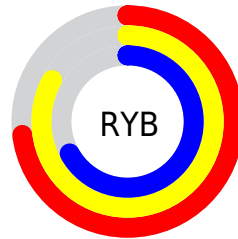
Distribution



Red (83%)

Green (78%)

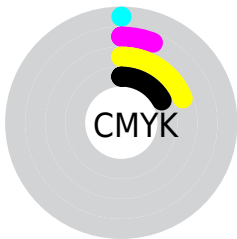
Blue (67%)



Red (73%)

Yellow (83%)

Blue (67%)

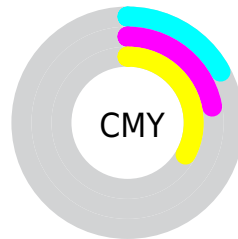


Cyan (0%)

Magenta (6%)

Yellow (19%)

Black (17%)



Cyan (17%)

Magenta (22%)

Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.5431, 57.5980, 46.2730 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 54.5431, 57.5980, 46.2730 by changing the saturation by 10% instead.

■ 54.5431, 57.5980,
46.2730

■ 54.5431, 57.5980,
46.2730

394.3423,
415.6863, 388.2145

■ 39.2684, 41.4855,
32.1111

■ 96.0234, 101.3372,
85.9660

■ 27.1503, 28.6987,
21.1808

122.9598,
129.7328, 112.3342

■ 17.8233, 18.8530,
13.0637

154.5141,
162.9915, 143.6082

■ 10.9221, 11.5641,
7.3412

191.0517,
201.4978, 180.2065

■ 6.0814, 6.4476,
3.5947

232.9380,
245.6360, 222.5478

■ 2.9358, 3.1191,
1.4058

280.5383,

■ 1.1199, 1.1942,

295.7906, 271.0506

0.1462

334.2179,
352.3459, 326.1333

■ 0.0417, 0.0570,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.5431, 57.5980,
46.2730

■ 54.5431, 57.5980,
46.2730

■ 51.3139, 54.0814,
36.1268

■ 58.1534, 61.3632,
58.1282

■ 48.4453, 50.7981,
27.6053

■ 62.1551, 65.3763,
71.7638

■ 45.9217, 47.7429,
20.6227

■ 66.5638, 69.6465,
87.2519

■ 43.7242, 44.9071,
15.0835

■ 71.3928, 74.1801,
104.6591

■ 41.8321, 42.2812,
10.8819

■ 73.1754, 77.5915,
105.7276

■ 40.2217, 39.8546,
7.8971

■ 74.9228, 81.0862,
106.3101

■ 38.8654, 37.6150,
5.9864

■ 76.7315, 84.7037,
106.9130

■ 37.7162, 35.5426,
4.9070

■ 78.6024, 88.4454,
107.5366

■ 37.6538, 35.4283,
4.8538

■ 80.5358, 92.3123,
108.1811

Harmonies

Analogous

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



57.7905, 57.5980, 48.0422



54.5431, 57.5980, 46.2730



51.4717, 57.5980, 48.5289

Triad

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



54.5431, 57.5980, 46.2730



49.5375, 57.5980, 72.7775



60.5216, 57.5980, 71.6749

Complementary

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



54.5431, 57.5980, 46.2730



45.0632, 46.7041, 68.2681

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.



58.1546, 57.5980, 79.4255



54.5431, 57.5980, 46.2730



51.8088, 57.5980, 80.1057

Square

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



54.5431, 57.5980, 46.2730



48.6546, 57.5980, 63.2956



54.9477, 57.5980, 82.6511



61.3239, 57.5980, 62.1368

Rectangle

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



54.5431, 57.5980, 46.2730



49.9144, 57.5980, 52.1575



54.9477, 57.5980, 82.6511



59.8780, 57.5980, 74.6076

Sweetspot

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



54.5446, 57.6006, 46.2742



91.2722, 96.2305, 95.9684



49.7139, 45.9889, 50.6760



19.4509, 20.5113, 20.2531



0.0000, 0.0000, 0.0000



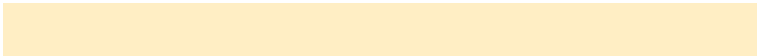
20.3446, 21.4041, 23.3091

Same Dimension

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



54.5446, 57.6006, 46.2742



81.7718, 86.3176, 64.7848



55.1247, 62.1598, 47.1237



12.4991, 13.1890, 12.4990



22.8163, 21.5655, 2.9600



1.3425, 1.3393, 0.1878

Inverse Universe

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



45.0632, 46.7041, 68.2681



64.8288, 66.8481, 104.0939



44.5393, 42.9421, 67.5696



11.4415, 11.9733, 14.9517



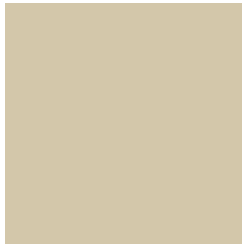
8.2043, 5.0552, 37.7358



0.5275, 0.4201, 2.1329

Previews

White Background



This preview shows how the XYZ color 54.5431, 57.5980, 46.2730 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 54.5431, 57.5980, 46.2730 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

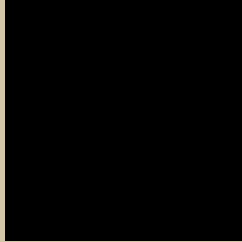
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

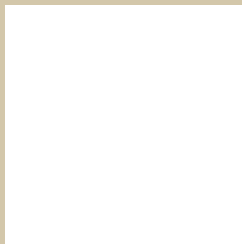
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 54.5431, 57.5980, 46.2730

Background



This preview shows how black text looks on a background with the XYZ color 54.5431, 57.5980, 46.2730.

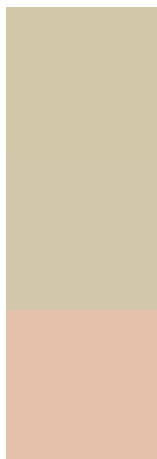


This preview shows how white text looks on a background with the XYZ color 54.5431, 57.5980,

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

54.5431, 57.5980, 46.2730

Protanopia

54.2575, 57.4508, 46.2596

Deuteranopia

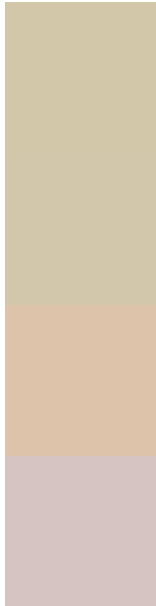
58.5134, 57.2976, 46.5036



Tritanopia

59.1193, 57.7860, 68.3595

Trichromacy



Original Color

54.5431, 57.5980, 46.2730

Protanomaly

54.2575, 57.4508, 46.2596

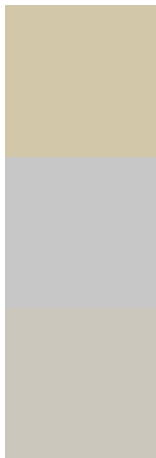
Deuteranomaly

56.9900, 57.5001, 46.6230

Tritanomaly

57.3218, 57.7161, 59.7489

Monochromacy



Original Color

54.5431, 57.5980, 46.2730

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

54.1291, 57.1742, 55.7598

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.5431, 57.5980, 46.2730 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(211, 199, 170)` looks like.

```
.text, #text, p{  
    color:rgb(211, 199, 170)  
}
```

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(211, 199, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 199, 170) }
```

Border

The CSS property to change the border of an element to XYZ 54.5431, 57.5980, 46.2730 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(211, 199, 170) }
```


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

```
.border{ border-color:rgb(211, 199, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 199, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 199, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 199, 170);  
box-shadow:4px 4px 4px 4px rgb(211, 199,  
170) }
```

Background

The CSS property to change the background color of an element to XYZ 54.5431, 57.5980, 46.2730 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 199, 170) }
```

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

```
.background{ background-color: rgb(211,  
199, 170) }
```

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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