

Converting Colors

XYZ(54.7863, 58.4711, 43.5329)

Have a look what the booklet for
XYZ(54.7863, 58.4711, 43.5329)
contains.

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Color

**XYZ(54.7389, 58.4507,
43.5190)**

Conversions

Conversions Part 1

Format	Color
Hex	D4C9A4
RGB	212, 201, 164
RGB Percent	83%, 79%, 64%
CMY	0.1686, 0.2117, 0.3569
CMYK	0.00, 0.05, 0.23, 0.17
HSL	46°, 36%, 74%
HSV	46°, 23%, 83%
XYZ	54.7389, 58.4507, 43.5190
YIQ	200.0710, 18.4330, -9.1750

Conversions

Conversions Part 2

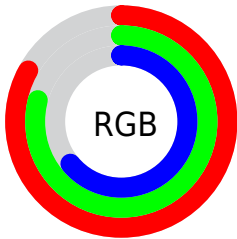
Format	Color
RYB	178, 212, 164
Decimal	13945252
CIELab	80.99, -2.06, 19.90
CIElCh	81, 20.005, 95.907
Yxy	58.4507, 0.3493, 0.3730
Android (android.graphics.Color)	4292135332 (0xFFD4C9A4)
YUV	200.0710, -17.7830, 10.4617
Hunter-Lab	76.4531, -5.9903, 19.7678

Details

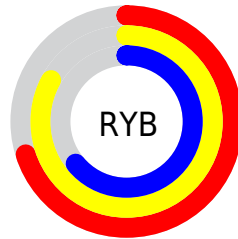
The XYZ color **54.7389, 58.4507, 43.5190** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **42.5233, 43.3049, 68.4052**, and the grayscale version is **55.0429, 57.9094, 63.0633**.

A 20% lighter version of the original color is **89.7862, 97.8945, 81.1811**, and **27.2630, 29.2054, 19.5295** is the 20% darker color. If you saturate the color by 10%, you get **51.8680, 55.5214, 33.8908**, and if you desaturate by 10%, it is **57.9678, 61.5845, 54.8424**.

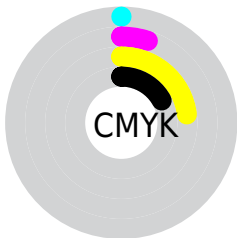
Distribution



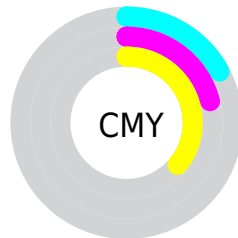
- Red (83%)
- Green (79%)
- Blue (64%)



- Red (70%)
- Yellow (83%)
- Blue (64%)



- Cyan (0%)
- Magenta (5%)
- Yellow (23%)
- Black (17%)





- Cyan (17%)
- Magenta (21%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.7389, 58.4507, 43.5190 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 54.7389, 58.4507, 43.5190 by changing the saturation by 10% instead.


 54.7389, 58.4507,
43.5190


 54.7389, 58.4507,
43.5190


395.0740,
418.8633, 376.7256

 39.4257, 42.1711,
29.9581


 96.3089, 102.5789,
81.7882

 27.2733, 29.2353,
19.5550


 123.2963,
131.1963, 107.3336

 17.9162, 19.2589,
11.8912

154.9060,
164.6950, 137.7110

 10.9892, 11.8575,
6.5480

191.5031,
203.4595, 173.3388

 6.1268, 6.6467,
3.1069

233.4532,
247.8742, 214.6356

 2.9637, 3.2422,
1.1495

281.1214,

 1.1346, 1.2594,

298.3235, 262.0200

0.0000

334.8732,
355.1917, 315.9105

■ 0.0538, 0.1095,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.7389, 58.4507,
43.5190

■ 54.7389, 58.4507,
43.5190

■ 51.8680, 55.5214,
33.8908

■ 57.9678, 61.5845,
54.8424

■ 49.3344, 52.7818,
25.8709

■ 61.5653, 64.9215,
67.9350

■ 47.1223, 50.2270,
19.3699

■ 65.5469, 68.4704,
82.8707

■ 45.2122, 47.8487,
14.2884

■ 69.9259, 72.2371,
99.7183

43.5829, 45.6379,
10.5151

72.2044, 75.2229,
105.3216

42.2096, 43.5840,
7.9218

73.5383, 77.8906,
105.7663

41.0628, 41.6748,
6.3545

74.9098, 80.6337,
106.2234

40.3265, 40.3470,
5.6623

76.3193, 83.4526,
106.6933

77.7670, 86.3481,
107.1758

Harmonies

Analogous

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



58.8755, 58.4507, 44.9855



54.7389, 58.4507, 43.5190



51.0082, 58.4507, 46.8767

Triad

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



54.7389, 58.4507, 43.5190



49.3428, 58.4507, 78.0006



63.1591, 58.4507, 73.4301

Complementary

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



54.7389, 58.4507, 43.5190



42.5233, 43.3049, 68.4052

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.



60.3656, 58.4507, 83.9946



54.7389, 58.4507, 43.5190



52.3630, 58.4507, 86.8547

Square

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



54.7389, 58.4507, 43.5190



47.9940, 58.4507, 66.0226



56.3805, 58.4507, 89.1741



63.8725, 58.4507, 61.3211

Rectangle

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



54.7389, 58.4507, 43.5190



49.2091, 58.4507, 51.6786



56.3805, 58.4507, 89.1741



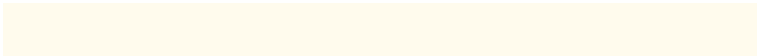
62.4257, 58.4507, 77.3243

Sweetspot

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



54.7404, 58.4533, 43.5202



91.0174, 96.3220, 94.0306



48.1850, 43.6517, 46.5472



19.4099, 20.5506, 19.8659



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.



54.7404, 58.4533, 43.5202



81.0523, 86.6784, 58.9967



53.8511, 61.9373, 44.2396



13.2204, 14.0150, 13.1691



24.9743, 25.0659, 3.5219



1.5666, 1.6323, 0.2325

Inverse Universe

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



42.5233, 43.3049, 68.4052



59.4383, 59.8822, 103.0334



43.2457, 40.6288, 67.8506



11.9711, 12.4657, 15.7127



8.0664, 4.3946, 38.8763



0.5503, 0.3926, 2.3661

Previews

White Background



This preview shows how the XYZ color 54.7389, 58.4507, 43.5190 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 54.7389, 58.4507, 43.5190 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

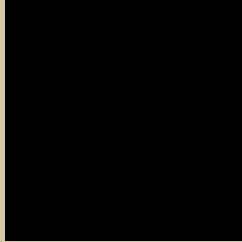
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.7389, 58.4507, 43.5190

Background



This preview shows how black text looks on a background with the XYZ color 54.7389, 58.4507, 43.5190.



This preview shows how white text looks on a background with the XYZ color 54.7389, 58.4507,

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

54.7389, 58.4507, 43.5190

Protanopia

55.0281, 58.5998, 43.5326

Deuteranopia

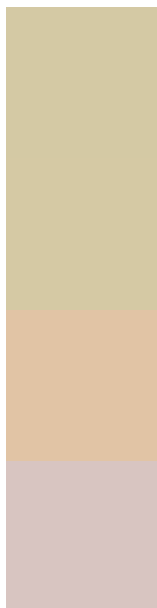
59.5572, 58.2167, 44.1743



Tritanopia

60.0614, 58.5888, 69.1160

Trichromacy



Original Color

54.7389, 58.4507, 43.5190

Protanomaly

55.0281, 58.5998, 43.5326

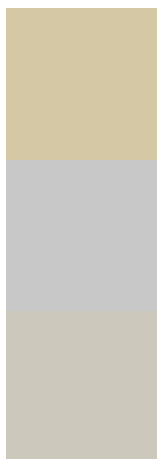
Deuteranomaly

57.5828, 58.2040, 43.7969

Tritanomaly

57.9108, 58.3817, 58.6686

Monochromacy



Original Color

54.7389, 58.4507, 43.5190

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

54.5258, 57.7338, 55.2836

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.7389, 58.4507, 43.5190 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(212, 201, 164) looks like.

```
.text, #text, p{  
    color:rgb(212, 201, 164)  
}
```

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(212, 201, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 201, 164) }
```

Border

The CSS property to change the border of an element to XYZ 54.7389, 58.4507, 43.5190 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(212, 201, 164) }
```


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

```
.border{ border-color:rgb(212, 201, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 201, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 201, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 201, 164);  
box-shadow:4px 4px 4px 4px rgb(212, 201,  
164) }
```

Background

The CSS property to change the background color of an element to XYZ 54.7389, 58.4507, 43.5190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 201, 164) }
```

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

```
.background{ background-color: rgb(212,  
201, 164) }
```

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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