

Converting Colors

XYZ(54.6472, 58.4711, 42.6346)

Have a look what the booklet for
XYZ(54.6472, 58.4711, 42.6346)
contains.

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Color

**XYZ(54.5596, 58.3790,
42.5751)**

Conversions

Conversions Part 1

Format	Color
Hex	D4C9A2
RGB	212, 201, 162
RGB Percent	83%, 79%, 64%
CMY	0.1686, 0.2117, 0.3647
CMYK	0.00, 0.05, 0.24, 0.17
HSL	47°, 37%, 73%
HSV	47°, 24%, 83%
XYZ	54.5596, 58.3790, 42.5751
YIQ	199.8430, 19.0750, -9.7970

Conversions

Conversions Part 2

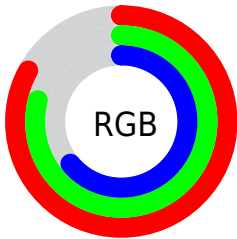
Format	Color
RYB	176, 212, 162
Decimal	13945250
CIELab	80.95, -2.34, 20.90
CIELCh	81, 21.035, 96.394
Yxy	58.3790, 0.3508, 0.3754
Android (android.graphics.Color)	4292135330 (0xFFD4C9A2)
YUV	199.8430, -18.6566, 10.6617
Hunter-Lab	76.4062, -6.2487, 20.4467

Details

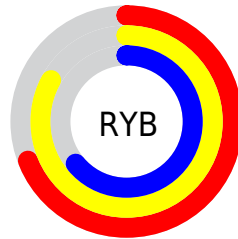
The XYZ color **54.5596, 58.3790, 42.5751** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **41.7273, 42.3209, 68.2570**, and the grayscale version is **54.9073, 57.7668, 62.9080**.

A 20% lighter version of the original color is **89.5244, 97.7898, 79.8025**, and **27.1528, 29.1613, 18.9494** is the 20% darker color. If you saturate the color by 10%, you get **51.7619, 55.5493, 33.1160**, and if you desaturate by 10%, it is **57.7111, 61.4070, 53.7210**.

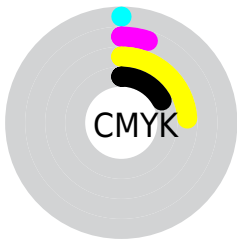
Distribution



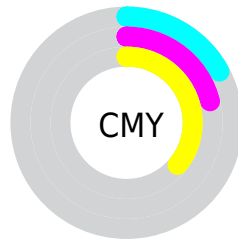
- Red (83%)
- Green (79%)
- Blue (64%)



- Red (69%)
- Yellow (83%)
- Blue (64%)



- Cyan (0%)
- Magenta (5%)
- Yellow (24%)
- Black (17%)



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

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.5596, 58.3790, 42.5751 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 54.5596, 58.3790, 42.5751 by changing the saturation by 10% instead.

■ 54.5596, 58.3790,
42.5751

■ 54.5596, 58.3790,
42.5751

394.4040,
418.5967, 372.7312

■ 39.2817, 42.1134,
29.2229

■ 96.0475, 102.4746,
80.3487

■ 27.1606, 29.1901,
19.0025

■ 122.9882,
131.0733, 105.6073

■ 17.8311, 19.2247,
11.4953

154.5472,
164.5520, 135.6718

■ 10.9278, 11.8327,
6.2827

191.0898,
203.2948, 170.9606

■ 6.0852, 6.6299,
2.9461

232.9814,
247.6863, 211.8925

■ 2.9381, 3.2317,
1.0672

280.5874,

■ 1.1211, 1.2539,

298.1109, 258.8858

0.0000

334.2732,
354.9529, 312.3592

■ 0.0427, 0.1051,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.5596, 58.3790,
42.5751

■ 54.5596, 58.3790,
42.5751

■ 51.7619, 55.5493,
33.1160

■ 57.7111, 61.4070,
53.7210

■ 49.2973, 52.9031,
25.2559

■ 61.2268, 64.6320,
66.6280

■ 47.1496, 50.4355,
18.9049

■ 65.1226, 68.0627,
81.3705

■ 45.2994, 48.1383,
13.9627

■ 69.4117, 71.7049,
98.0175

■ 43.7252, 46.0024,
10.3164

■ 71.9419, 74.6980,
105.2342

■ 42.4019, 44.0173,
7.8361

■ 73.2145, 77.2431,
105.6583

■ 41.2994, 42.1705,
6.3644

■ 74.5217, 79.8575,
106.0941

■ 40.6754, 41.0449,
5.7786

■ 75.8637, 82.5417,
106.5414

■ 77.2410, 85.2962,
107.0005

Harmonies

Analogous

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



58.9109, 58.3790, 44.0140



54.5596, 58.3790, 42.5751



50.6629, 58.3790, 46.1389

Triad

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



54.5596, 58.3790, 42.5751



49.0123, 58.3790, 78.8925



63.5250, 58.3790, 73.6667

Complementary

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



54.5596, 58.3790, 42.5751



41.7273, 42.3209, 68.2570

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.



60.6090, 58.3790, 84.9041



54.5596, 58.3790, 42.5751



52.1993, 58.3790, 88.1867

Square

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



54.5596, 58.3790, 42.5751



47.5701, 58.3790, 66.2748



56.4258, 58.3790, 90.5192



64.2379, 58.3790, 60.9297

Rectangle

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



54.5596, 58.3790, 42.5751



48.7974, 58.3790, 51.1865



56.4258, 58.3790, 90.5192



62.7627, 58.3790, 77.7932

Sweetspot

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



54.5611, 58.3816, 42.5763



91.0685, 96.4243, 94.0476



47.6798, 42.8814, 45.6389



19.4218, 20.5743, 19.8699



0.0000, 0.0000, 0.0000



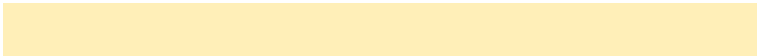
20.3446, 21.4041, 23.3091

Same Dimension

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



54.5611, 58.3816, 42.5763



80.8039, 86.6121, 57.5869



53.5303, 61.7925, 43.2890



13.2304, 14.0350, 13.1724



25.1878, 25.4928, 3.5931



1.5778, 1.6548, 0.2363

Inverse Universe

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



41.7273, 42.3209, 68.2570



58.2142, 58.3466, 102.8015



42.5588, 39.7475, 67.7165



11.9619, 12.4471, 15.7096



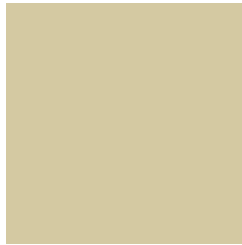
8.0159, 4.2935, 38.8594



0.5460, 0.3839, 2.3646

Previews

White Background



This preview shows how the XYZ color 54.5596, 58.3790, 42.5751 looks on a white background.

Color Contrast Check

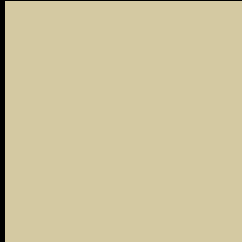
Large Text (above 18pt) WCAG AA × Fail

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 54.5596, 58.3790, 42.5751 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

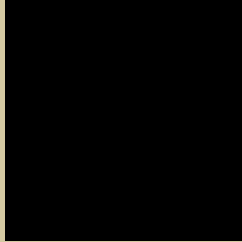
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

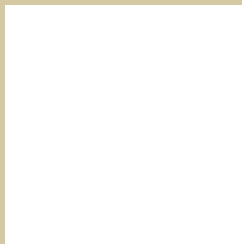
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 54.5596, 58.3790, 42.5751

Background



This preview shows how black text looks on a background with the XYZ color 54.5596, 58.3790, 42.5751.



This preview shows how white text looks on a background with the XYZ color 54.5596, 58.3790,

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

54.5596, 58.3790, 42.5751

Protanopia

54.8488, 58.5281, 42.5886

Deuteranopia

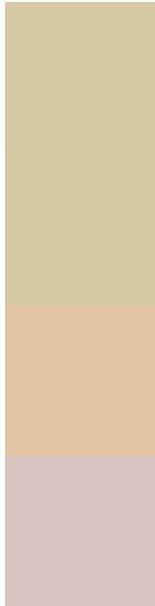
59.3751, 58.1439, 43.2155



Tritanopia

59.8381, 58.1421, 69.0415

Trichromacy



Original Color

54.5596, 58.3790, 42.5751

Protanomaly

54.8488, 58.5281, 42.5886

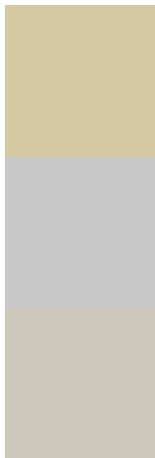
Deuteranomaly

57.4021, 58.1318, 42.8455

Tritanomaly

57.9108, 58.3817, 58.6686

Monochromacy



Original Color

54.5596, 58.3790, 42.5751

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

54.4190, 57.6911, 54.7217

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.5596, 58.3790, 42.5751 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, 162)` looks like.

```
.text, #text, p{  
    color:rgb(212, 201, 162)  
}
```

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, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 201, 162) }
```

Border

The CSS property to change the border of an element to XYZ 54.5596, 58.3790, 42.5751 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, 162) }
```


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

```
.border{ border-color:rgb(212, 201, 162) }
```

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, 162) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 201, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 201, 162);  
box-shadow:4px 4px 4px 4px rgb(212, 201,  
162) }
```

Background

The CSS property to change the background color of an element to XYZ 54.5596, 58.3790, 42.5751 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, 162) }
```

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

```
.background{ background-color: rgb(212,  
201, 162) }
```

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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