

Converting Colors

XYZ(54.6000, 58.8281, 41.4137)

Have a look what the booklet for
XYZ(54.6000, 58.8281, 41.4137)
contains.

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Color

**XYZ(54.5299, 58.7413,
41.2651)**

Conversions

Conversions Part 1

Format	Color
Hex	D4CA9F
RGB	212, 202, 159
RGB Percent	83%, 79%, 62%
CMY	0.1686, 0.2078, 0.3765
CMYK	0.00, 0.05, 0.25, 0.17
HSL	49°, 38%, 73%
HSV	49°, 25%, 83%
XYZ	54.5299, 58.7413, 41.2651
YIQ	200.0880, 19.7630, -11.2530

Conversions

Conversions Part 2

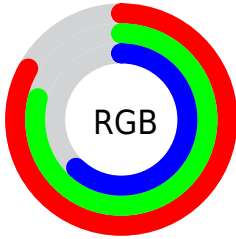
Format	Color
RYB	171, 212, 159
Decimal	13945503
CIELab	81.15, -3.28, 22.76
CIElCh	81, 23.000, 98.200
Yxy	58.7413, 0.3529, 0.3801
Android (android.graphics.Color)	4292135583 (0xFFD4CA9F)
YUV	200.0880, -20.2564, 10.4468
Hunter-Lab	76.6429, -7.1258, 21.7278

Details

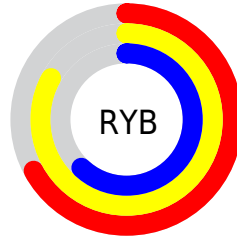
The XYZ color **54.5299, 58.7413, 41.2651** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **40.3695, 40.4993, 67.9770**, and the grayscale version is **55.0675, 57.9353, 63.0916**.

A 20% lighter version of the original color is **89.1376, 97.6350, 77.7657**, and **27.1484, 29.4094, 18.1556** is the 20% darker color. If you saturate the color by 10%, you get **51.9203, 56.2178, 32.0842**, and if you desaturate by 10%, it is **57.4824, 61.4449, 52.1183**.

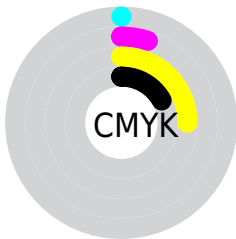
Distribution



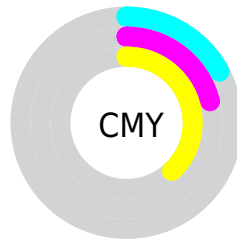
- Red (83%)
- Green (79%)
- Blue (62%)



- Red (67%)
- Yellow (83%)
- Blue (62%)



- Cyan (0%)
- Magenta (5%)
- Yellow (25%)
- Black (17%)





- Cyan (17%)
- Magenta (21%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.5299, 58.7413, 41.2651 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 54.5299, 58.7413, 41.2651 by changing the saturation by 10% instead.


 54.5299, 58.7413,
41.2651


 54.5299, 58.7413,
41.2651


394.2929,
419.9425, 367.1368

 39.2578, 42.4049,
28.2050


 96.0042, 103.0016,
78.3442

 27.1420, 29.4185,
18.2399


 122.9371,
131.6942, 103.2003

 17.8170, 19.3976,
10.9511


154.4877,
165.2745, 132.8255

 10.9176, 11.9579,
5.9202

191.0213,
204.1266, 167.6383

 6.0783, 6.7150,
2.7286

232.9033,
248.6351, 208.0573

 2.9339, 3.2845,
0.9578

280.4989,

 1.1189, 1.2820,

299.1843, 254.5010

0.0000

334.1737,
356.1587, 307.3880

■ 0.0408, 0.1272,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.5299, 58.7413,
41.2651

■ 54.5299, 58.7413,
41.2651

■ 51.9203, 56.2178,
32.0842

■ 57.4824, 61.4449,
52.1183

■ 49.6328, 53.8598,
24.4872

■ 60.7884, 64.3270,
64.7190

■ 47.6512, 51.6624,
18.3828

■ 64.4636, 67.3963,
79.1422

■ 45.9560, 49.6175,
13.6693

■ 68.5214, 70.6584,
95.4574

■ 44.5251, 47.7162,
10.2318

■ 71.3216, 73.4574,
105.0274

■ 43.3332, 45.9478,
7.9373

■ 72.3962, 75.6065,
105.3856

■ 42.3493, 44.2997,
6.6233

■ 73.4961, 77.8063,
105.7522

■ 41.9077, 43.5095,
6.1894

■ 74.6215, 80.0571,
106.1273

■ 75.7726, 82.3593,
106.5110

Harmonies

Analogous

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



59.3184, 58.7413, 42.4825



54.5299, 58.7413, 41.2651



50.3337, 58.7413, 45.4081

Triad

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



54.5299, 58.7413, 41.2651



48.9098, 58.7413, 81.6755



64.8167, 58.7413, 74.2511

Complementary

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



54.5299, 58.7413, 41.2651



40.3695, 40.4993, 67.9770

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.



61.7165, 58.7413, 86.9789



54.5299, 58.7413, 41.2651



52.4846, 58.7413, 91.6738

Square

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



54.5299, 58.7413, 41.2651



47.2123, 58.7413, 67.7914



57.1543, 58.7413, 93.7419



65.4414, 58.7413, 60.2744

Rectangle

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



54.5299, 58.7413, 41.2651



48.3724, 58.7413, 51.0560



57.1543, 58.7413, 93.7419



64.0213, 58.7413, 78.8718

Sweetspot

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



54.5314, 58.7439, 41.2663



91.2435, 96.7741, 94.1059



46.7680, 41.6812, 43.4132



19.4624, 20.6555, 19.8834



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.



54.5314, 58.7439, 41.2663



80.6552, 87.1525, 54.9543



52.5929, 61.3397, 41.8695



13.2645, 14.1032, 13.1838



25.9410, 26.9992, 3.8441



1.6172, 1.7336, 0.2494

Inverse Universe

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



40.3695, 40.4993, 67.9770



55.5789, 54.8519, 102.2659



41.9392, 38.6529, 67.5379



11.9302, 12.3839, 15.6991



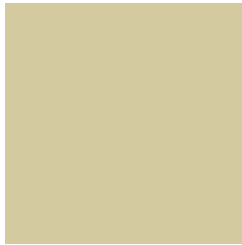
7.8589, 3.9795, 38.8071



0.5312, 0.3545, 2.3597

Previews

White Background



This preview shows how the XYZ color 54.5299, 58.7413, 41.2651 looks on a white background.

Color Contrast Check

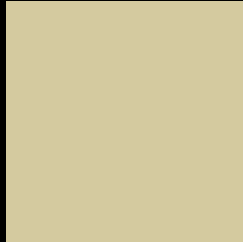
Large Text (above 18pt) WCAG AA × Fail

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 54.5299, 58.7413, 41.2651 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

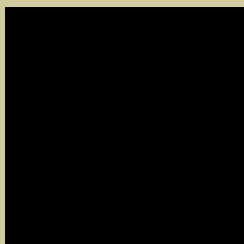
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

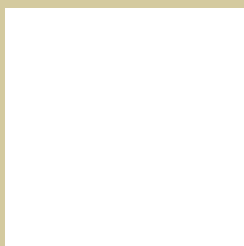
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 54.5299, 58.7413, 41.2651

Background



This preview shows how black text looks on a background with the XYZ color 54.5299, 58.7413, 41.2651.



This preview shows how white text looks on a background with the XYZ color 54.5299, 58.7413,

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

54.5299, 58.7413, 41.2651

Protanopia

55.1690, 58.7236, 41.2280

Deuteranopia

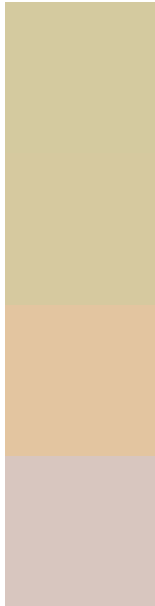
59.9858, 58.8189, 41.9098



Tritanopia

60.0614, 58.5888, 69.1160

Trichromacy



Original Color

54.5299, 58.7413, 41.2651

Protanomaly

54.8762, 58.5726, 41.2143

Deuteranomaly

57.9900, 58.8015, 41.5511

Tritanomaly

57.9170, 58.7487, 57.5773

Monochromacy



Original Color

54.5299, 58.7413, 41.2651

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

54.5454, 58.1134, 54.2411

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.5299, 58.7413, 41.2651 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, 202, 159)` looks like.

```
.text, #text, p{  
    color:rgb(212, 202, 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(212, 202, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 202, 159) }
```

Border

The CSS property to change the border of an element to XYZ 54.5299, 58.7413, 41.2651 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, 202, 159) }
```


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

```
.border{ border-color:rgb(212, 202, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 202, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 202, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 202, 159);  
box-shadow:4px 4px 4px 4px rgb(212, 202,  
159) }
```

Background

The CSS property to change the background color of an element to XYZ 54.5299, 58.7413, 41.2651 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 202, 159) }
```

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

```
.background{ background-color: rgb(212,  
202, 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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