

Converting Colors

XYZ(54.7761, 58.4019, 30.9399)

Have a look what the booklet for
XYZ(54.7761, 58.4019, 30.9399)
contains.

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Color

**XYZ(54.7761, 58.4019,
30.9399)**

Conversions

Conversions Part 1

Format	Color
Hex	DDC886
RGB	221, 200, 134
RGB Percent	87%, 78%, 53%
CMY	0.1333, 0.2157, 0.4745
CMYK	0.00, 0.09, 0.39, 0.13
HSL	46°, 56%, 70%
HSV	46°, 39%, 87%
XYZ	54.7761, 58.4019, 30.9399
YIQ	198.7550, 33.7020, -16.0740

Conversions

Conversions Part 2

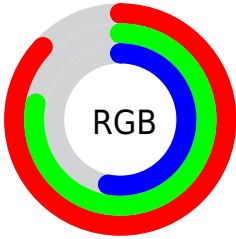
Format	Color
RYB	162, 221, 134
Decimal	14534790
CIELab	80.96, -1.85, 35.69
CIELCh	81, 35.736, 92.964
Yxy	58.4019, 0.3801, 0.4052
Android (android.graphics.Color)	4292724870 (0xFFDDC886)
YUV	198.7550, -31.9242, 19.5089
Hunter-Lab	76.4211, -5.7942, 29.4906

Details

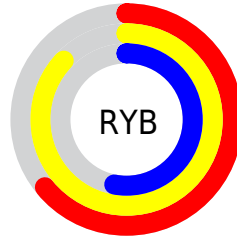
The XYZ color **54.7761, 58.4019, 30.9399** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **34.6037, 33.7303, 73.0933**, and the grayscale version is **54.3120, 57.1405, 62.2260**.

A 20% lighter version of the original color is **86.0771, 96.4108, 61.6494**, and **27.1501, 29.0748, 12.3647** is the 20% darker color. If you saturate the color by 10%, you get **52.1797, 55.4234, 23.2483**, and if you desaturate by 10%, it is **57.7406, 61.6008, 40.3447**.

Distribution



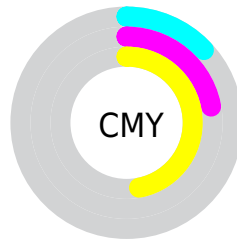
- Red (87%)
- Green (78%)
- Blue (53%)



- Red (64%)
- Yellow (87%)
- Blue (53%)



- Cyan (0%)
- Magenta (9%)
- Yellow (39%)
- Black (13%)



- Cyan (13%)
- Magenta (22%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.7761, 58.4019, 30.9399 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 54.7761, 58.4019, 30.9399 by changing the saturation by 10% instead.

■ 54.7761, 58.4019,
30.9399

■ 54.7761, 58.4019,
30.9399

395.2129,
418.6818, 320.6040

■ 39.4556, 42.1318,
20.2950

■ 96.3631, 102.5079,
62.2239

■ 27.2967, 29.2045,
12.4235

■ 123.3603,
131.1126, 83.7001

■ 17.9339, 19.2356,
6.9067

■ 154.9804,
164.5977, 109.6238

■ 11.0019, 11.8406,
3.3263

191.5889,
203.3474, 140.4136

■ 6.1354, 6.6353,
1.2636

233.5510,
247.7464, 176.4879

■ 2.9691, 3.2351,
0.0316

281.2321,

■ 1.1374, 1.2557,

298.1788, 218.2654

0.0000

334.9976,
355.0292, 266.1646

■ 0.0561, 0.1065,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.7761, 58.4019,
30.9399

■ 54.7761, 58.4019,
30.9399

■ 52.1797, 55.4234,
23.2483

■ 57.7406, 61.6008,
40.3447

■ 49.9265, 52.6483,
17.1595


■ 61.0878, 65.0203,
51.5564


■ 47.9949, 50.0695,
12.5560


■ 64.8366, 68.6707,
64.6663

■ 46.3588, 47.6756,
9.3028


■ 69.0033, 72.5593,
79.7585

 44.9873, 45.4538,
7.2396


 73.6035, 76.6928,
96.9119

 43.8303, 43.3830,
6.1039

 76.7266, 80.3078,
106.0648

 43.7603, 43.2552,
6.0427

 78.2508, 83.3562,
106.5728

 79.8209, 86.4964,
107.0962

 81.4373, 89.7293,
107.6350

Harmonies

Analogous

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



62.2363, 58.4019, 33.7435



54.7761, 58.4019, 30.9399



48.1164, 58.4019, 35.1448

Triad

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



54.7761, 58.4019, 30.9399



44.3991, 58.4019, 88.4597



69.1829, 58.4019, 83.9852

Complementary

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



54.7761, 58.4019, 30.9399



34.6037, 33.7303, 73.0933

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.



63.6231, 58.4019, 104.3075



54.7761, 58.4019, 30.9399



49.2853, 58.4019, 107.2684

Square

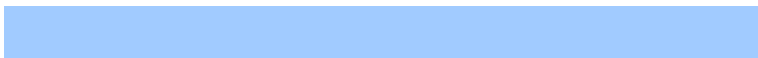
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



54.7761, 58.4019, 30.9399



42.4689, 58.4019, 65.7222



56.2489, 58.4019, 113.6275



70.9781, 58.4019, 61.5040

Rectangle

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



54.7761, 58.4019, 30.9399



44.9009, 58.4019, 42.0544



56.2489, 58.4019, 113.6275



67.6693, 58.4019, 91.4499

Sweetspot

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



54.7776, 58.4046, 30.9411



88.1982, 93.5623, 84.2165



44.3238, 34.8148, 35.7260



18.7294, 19.8824, 17.5027



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.



54.7776, 58.4046, 30.9411



72.8413, 77.4487, 34.0870



53.7793, 65.6105, 32.3846



13.8821, 14.7036, 13.8320



25.5133, 25.3121, 3.5410



1.7181, 1.7702, 0.2511

Inverse Universe

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



34.6037, 33.7303, 73.0933



41.3542, 38.9600, 99.9482



35.2387, 29.3143, 72.2074



12.5926, 13.1249, 16.5218



8.4041, 4.6776, 40.1983



0.6117, 0.4376, 2.6267

Previews

White Background



This preview shows how the XYZ color 54.7761, 58.4019, 30.9399 looks on a white background.

Color Contrast Check

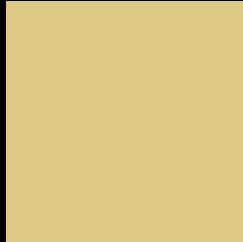
Large Text (above 18pt) WCAG AA × Fail

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 54.7761, 58.4019, 30.9399 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 54.7761, 58.4019, 30.9399

Background



This preview shows how black text looks on a background with the XYZ color 54.7761, 58.4019, 30.9399.



This preview shows how white text looks on a background with the XYZ color 54.7761, 58.4019,

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

54.7761, 58.4019, 30.9399

Protanopia

54.1032, 58.3999, 30.9750

Deuteranopia

59.5692, 58.1776, 31.3823



Tritanopia

62.0845, 58.3758, 66.3880

Trichromacy



Original Color

54.7761, 58.4019, 30.9399

Protanomaly

54.4031, 58.5546, 30.9891

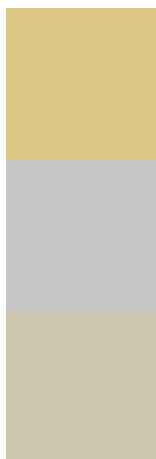
Deuteranomaly

57.8200, 58.2719, 31.1218

Tritanomaly

58.8940, 58.0476, 51.2803

Monochromacy



Original Color

54.7761, 58.4019, 30.9399

Achromatopsia

54.2854, 57.1125, 62.1955

Achromatomaly

53.8934, 57.2074, 48.7591

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.7761, 58.4019, 30.9399 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(221, 200, 134)` looks like.

```
.text, #text, p{  
    color:rgb(221, 200, 134)  
}
```

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(221, 200, 134) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 200, 134) }
```

Border

The CSS property to change the border of an element to XYZ 54.7761, 58.4019, 30.9399 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(221, 200, 134) }
```


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

```
.border{ border-color:rgb(221, 200, 134) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 200, 134)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 200, 134); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 200, 134);  
box-shadow:4px 4px 4px 4px rgb(221, 200,  
134) }
```

Background

The CSS property to change the background color of an element to XYZ 54.7761, 58.4019, 30.9399 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 200, 134) }
```

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

```
.background{ background-color: rgb(221,  
200, 134) }
```

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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