

Converting Colors

XYZ(55.4699, 58.1912, 34.6923)

Have a look what the booklet for
XYZ(55.4699, 58.1912, 34.6923)
contains.

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Color

**XYZ(55.5817, 58.3901,
34.7265)**

Conversions

Conversions Part 1

Format	Color
Hex	DEC790
RGB	222, 199, 144
RGB Percent	87%, 78%, 56%
CMY	0.1294, 0.2196, 0.4353
CMYK	0.00, 0.10, 0.35, 0.13
HSL	42°, 54%, 72%
HSV	42°, 35%, 87%
XYZ	55.5817, 58.3901, 34.7265
YIQ	199.6070, 31.3630, -12.2290

Conversions

Conversions Part 2

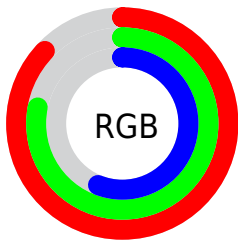
Format	Color
R _Y B	177, 222, 144
Decimal	14600080
CIE Lab	80.96, 0.21, 30.52
CIE LCh	81, 30.519, 89.606
Yxy	58.3901, 0.3738, 0.3927
Android (android.graphics.Color)	4292790160 (0xFFDEC790)
YUV	199.6070, -27.4143, 19.6387
Hunter-Lab	76.4134, -3.8859, 26.5447

Details

The XYZ color **55.5817, 58.3901, 34.7265** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **38.5048, 38.8395, 74.5747**, and the grayscale version is **54.8090, 57.6633, 62.7953**.

A 20% lighter version of the original color is **87.1930, 96.8572, 67.5258**, and **27.8271, 29.1481, 14.5154** is the 20% darker color. If you saturate the color by 10%, you get **52.5759, 54.8319, 26.1606**, and if you desaturate by 10%, it is **58.9889, 62.2167, 45.0735**.

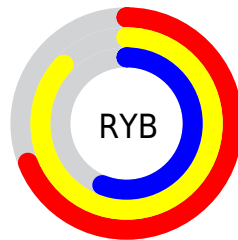
Distribution



Red (87%)

Green (78%)

Blue (56%)



Red (69%)

Yellow (87%)

Blue (56%)

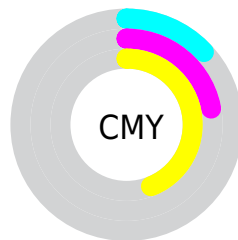


Cyan (0%)

Magenta (10%)

Yellow (35%)

Black (13%)



Cyan (13%)

Magenta (22%)

Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 55.5817, 58.3901, 34.7265 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 55.5817, 58.3901, 34.7265 by changing the saturation by 10% instead.

■ 55.5817, 58.3901,
34.7265

■ 55.5817, 58.3901,
34.7265

398.2138,
418.6380, 338.2270

■ 40.1033, 42.1223,
23.1704

■ 97.5361, 102.4907,
68.2086

■ 27.8037, 29.1971,
14.5129

■ 124.7428,
131.0924, 90.9717

■ 18.3174, 19.2300,
8.3354

156.5897,
164.5741, 118.3076

■ 11.2792, 11.8366,
4.2195

193.4420,
203.3203, 150.6347

■ 6.3236, 6.6325,
1.7465

235.6653,
247.7154, 188.3717

■ 3.0854, 3.2333,
0.3923

283.6248,

■ 1.1991, 1.2547,

298.1438, 231.9370

0.0000

337.6858,
354.9899, 281.7493

■ 0.1056, 0.1057,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 55.5817, 58.3901,
34.7265

■ 55.5817, 58.3901,
34.7265

■ 52.5759, 54.8319,
26.1606

■ 58.9889, 62.2167,
45.0735

■ 49.9465, 51.5246,
19.2686

■ 62.8120, 66.3124,
57.2935

■ 47.6727, 48.4605,
13.9370

■ 67.0699, 70.6881,
71.4759

■ 45.7291, 45.6282,
10.0368

■ 71.7791, 75.3518,
87.7037

■ 44.0864, 43.0146,
7.4180

■ 76.9547, 80.3105,
106.0533

■ 42.7089, 40.6040,
5.8970

■ 78.8286, 84.0583,
106.6779

■ 42.1057, 39.4926,
5.4036

■ 80.7718, 87.9448,
107.3256

■ 82.7850, 91.9712,
107.9967

■ 83.9342, 94.2696,
108.3798

Harmonies

Analogous

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



61.8797, 58.3901, 38.0228



55.5817, 58.3901, 34.7265



49.7054, 58.3901, 37.8531

Triad

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



55.5817, 58.3901, 34.7265



45.5838, 58.3901, 82.3780



66.6601, 58.3901, 82.8720

Complementary

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



55.5817, 58.3901, 34.7265



38.5048, 38.8395, 74.5747

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.



61.7241, 58.3901, 98.9120



55.5817, 58.3901, 34.7265



49.5710, 58.3901, 98.5908

Square

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



55.5817, 58.3901, 34.7265



44.2060, 58.3901, 63.3377



55.4145, 58.3901, 105.1412



68.5658, 58.3901, 63.8167

Rectangle

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



55.5817, 58.3901, 34.7265



46.7435, 58.3901, 43.5757



55.4145, 58.3901, 105.1412



65.2827, 58.3901, 88.9176

Sweetspot

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



55.5832, 58.3928, 34.7277



88.2767, 93.1602, 85.9659



47.1100, 38.2816, 41.6602



18.7273, 19.7668, 17.8456



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.



55.5832, 58.3928, 34.7277



73.0791, 76.3984, 38.8702



56.7204, 67.4355, 36.4132



14.5127, 15.3114, 14.4973



25.1107, 23.6594, 3.2432



1.8171, 1.7930, 0.2503

Inverse Universe

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



38.5048, 38.8395, 74.5747



46.4599, 45.9370, 101.0258



37.5760, 32.6536, 73.4296



13.2797, 13.8985, 17.3705



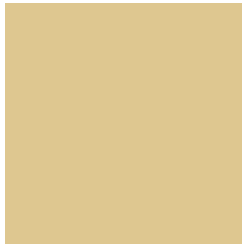
9.0538, 5.5771, 41.6477



0.7037, 0.5389, 2.9122

Previews

White Background



This preview shows how the XYZ color 55.5817, 58.3901, 34.7265 looks on a white background.

Color Contrast Check

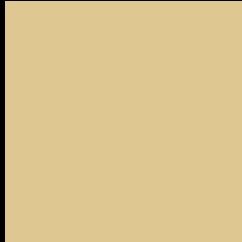
Large Text (above 18pt) WCAG AA × Fail

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 55.5817, 58.3901, 34.7265 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 55.5817, 58.3901, 34.7265

Background



This preview shows how black text looks on a background with the XYZ color 55.5817, 58.3901, 34.7265.



This preview shows how white text looks on a background with the XYZ color 55.5817, 58.3901,

34.7265.

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

55.5817, 58.3901, 34.7265

Protanopia

54.3164, 58.4166, 35.2008

Deuteranopia

59.4407, 58.3614, 34.9201



Tritanopia

62.0845, 58.3758, 66.3880

Trichromacy



Original Color

55.5817, 58.3901, 34.7265

Protanomaly

54.6786, 58.2583, 35.1512

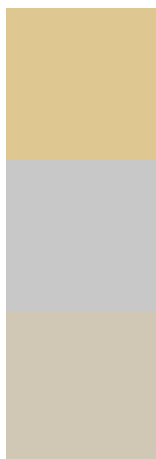
Deuteranomaly

57.9047, 58.2304, 34.9757

Tritanomaly

59.2031, 58.1712, 52.9076

Monochromacy



Original Color

55.5817, 58.3901, 34.7265

Achromatopsia

54.8990, 57.7580, 62.8985

Achromatomaly

54.9049, 58.0137, 51.4840

CSS Examples

Text

The CSS property to change the color of the text to XYZ 55.5817, 58.3901, 34.7265 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(222, 199, 144)` looks like.

```
.text, #text, p{  
    color:rgb(222, 199, 144)  
}
```

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(222, 199, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 199, 144) }
```

Border

The CSS property to change the border of an element to XYZ 55.5817, 58.3901, 34.7265 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(222, 199, 144) }
```


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

```
.border{ border-color:rgb(222, 199, 144) }
```

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

Here you see how a box with a 4 pixel rgb(222, 199, 144) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 199, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 199, 144);  
box-shadow:4px 4px 4px 4px rgb(222, 199,  
144) }
```

Background

The CSS property to change the background color of an element to XYZ 55.5817, 58.3901, 34.7265 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 199, 144) }
```

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

```
.background{ background-color: rgb(222,  
199, 144) }
```

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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