

Converting Colors

XYZ(54.1622, 57.8055, 34.9871)

Have a look what the booklet for
XYZ(54.1622, 57.8055, 34.9871)
contains.

XYZ(54.1495, 57.6429, 35.0603)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**XYZ(54.1495, 57.6429,
35.0603)**

Conversions

Conversions Part 1

Format	Color
Hex	D9C791
RGB	217, 199, 145
RGB Percent	85%, 78%, 57%
CMY	0.1490, 0.2196, 0.4314
CMYK	0.00, 0.08, 0.33, 0.15
HSL	45°, 49%, 71%
HSV	45°, 33%, 85%
XYZ	54.1495, 57.6429, 35.0603
YIQ	198.2260, 28.0620, -12.9780

Conversions

Conversions Part 2

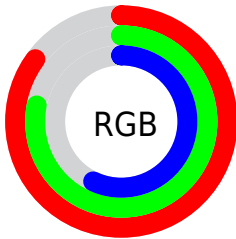
Format	Color
R _Y B	169, 217, 145
Decimal	14272401
CIE Lab	80.54, -1.62, 29.37
CIE LCh	81, 29.410, 93.162
Yxy	57.6429, 0.3687, 0.3925
Android (android.graphics.Color)	4292462481 (0xFFD9C791)
YUV	198.2260, -26.2404, 16.4648
Hunter-Lab	75.9229, -5.5559, 25.7666

Details

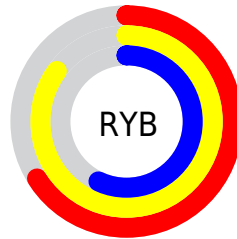
The XYZ color **54.1495, 57.6429, 35.0603** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **37.2983, 37.2227, 70.8645**, and the grayscale version is **53.9579, 56.7679, 61.8202**.

A 20% lighter version of the original color is **87.3088, 96.9035, 68.1354**, and **26.8437, 28.6360, 14.7022** is the 20% darker color. If you saturate the color by 10%, you get **51.4083, 54.5872, 26.6650**, and if you desaturate by 10%, it is **57.2578, 60.9207, 45.1560**.

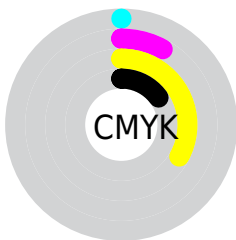
Distribution



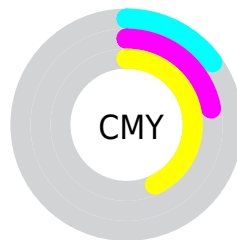
- Red (85%)
- Green (78%)
- Blue (57%)



- Red (66%)
- Yellow (85%)
- Blue (57%)



- Cyan (0%)
- Magenta (8%)
- Yellow (33%)
- Black (15%)



- Cyan (15%)
- Magenta (22%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 54.1495, 57.6429, 35.0603 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 54.1495, 57.6429, 35.0603 by changing the saturation by 10% instead.

■ 54.1495, 57.6429,
35.0603

■ 54.1495, 57.6429,
35.0603

392.8689,
415.8540, 339.7468

■ 38.9523, 41.5216,
23.4254

■ 95.4493, 101.4027,
68.7318

■ 26.9032, 28.7269,
14.6997

■ 122.2827,
129.8099, 91.6055

■ 17.6368, 18.8743,
8.4646

153.7255,
163.0813, 119.0625

■ 10.7876, 11.5795,
4.3017

190.1432,
201.6012, 151.5214

■ 5.9904, 6.4580,
1.7922

231.9010,
245.7541, 189.4008

■ 2.8799, 3.1255,
0.4228

279.3643,

■ 1.0906, 1.1976,

295.9242, 233.1191

0.0000

332.8985,
352.4960, 283.0949

■ 0.0172, 0.0598,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.1495, 57.6429,
35.0603

■ 54.1495, 57.6429,
35.0603

■ 51.4083, 54.5872,
26.6650

■ 57.2578, 60.9207,
45.1560

■ 49.0110, 51.7374,
19.8703


■ 60.7460, 64.4203,
57.0372

■ 46.9385, 49.0873,
14.5713


■ 64.6316, 68.1515,
70.7875


■ 45.1679, 46.6269,
10.6493


■ 68.9298, 72.1209,
86.4843

 43.6727, 44.3448,
7.9671

 73.6547, 76.3351,
104.2004


 42.4210, 42.2274,
6.3595

 75.3943, 79.4298,
105.9655

 41.6709, 40.8629,
5.6910

 76.9407, 82.5225,
106.4810

 78.5345, 85.7103,
107.0123

 80.1763, 88.9938,
107.5595

Harmonies

Analogous

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



60.2015, 57.6429, 37.5115



54.1495, 57.6429, 35.0603



48.6758, 57.6429, 38.8289

Triad

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



54.1495, 57.6429, 35.0603



45.6272, 57.6429, 82.7779



65.8208, 57.6429, 79.0134

Complementary

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



54.1495, 57.6429, 35.0603



37.2983, 37.2227, 70.8645

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.



61.3912, 57.6429, 94.9368



54.1495, 57.6429, 35.0603



49.7088, 57.6429, 97.3759

Square

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



54.1495, 57.6429, 35.0603



43.9880, 57.6429, 64.6166



55.4312, 57.6429, 102.1877



67.2248, 57.6429, 60.9458

Rectangle

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



54.1495, 57.6429, 35.0603



46.0065, 57.6429, 44.8550



55.4312, 57.6429, 102.1877



64.6210, 57.6429, 84.8979

Sweetspot

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



54.1510, 57.6455, 35.0615



89.2132, 94.4660, 88.0270



45.3519, 37.6475, 39.5274



18.9300, 20.0591, 18.2618



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.



54.1510, 57.6455, 35.0615



75.1497, 79.8797, 41.5945



53.4771, 63.8123, 36.2873



13.8723, 14.6840, 13.8287



25.3131, 24.9118, 3.4743



1.7066, 1.7472, 0.2473

Inverse Universe

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



37.2983, 37.2227, 70.8645



47.2055, 46.0295, 101.0043



37.7546, 33.0478, 70.0346



12.6018, 13.1433, 16.5249



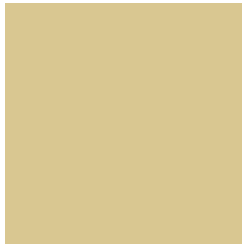
8.4578, 4.7850, 40.2162



0.6163, 0.4468, 2.6282

Previews

White Background



This preview shows how the XYZ color 54.1495, 57.6429, 35.0603 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 54.1495, 57.6429, 35.0603 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

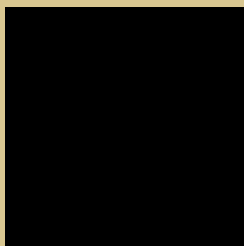
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 54.1495, 57.6429, 35.0603

Background



This preview shows how black text looks on a background with the XYZ color 54.1495, 57.6429, 35.0603.



This preview shows how white text looks on a background with the XYZ color 54.1495, 57.6429,

35.0603.

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

54.1495, 57.6429, 35.0603

Protanopia

53.7894, 57.8000, 35.1096

Deuteranopia

59.0411, 57.8104, 35.6505



Tritanopia

60.5118, 57.5651, 66.3144

Trichromacy



Original Color

54.1495, 57.6429, 35.0603

Protanomaly

54.0840, 57.9518, 35.1233

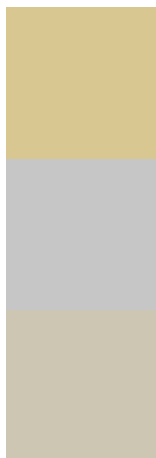
Deuteranomaly

57.3365, 57.9285, 35.3535

Tritanomaly

57.7623, 57.4164, 53.3855

Monochromacy



Original Color

54.1495, 57.6429, 35.0603

Achromatopsia

53.6758, 56.4712, 61.4971

Achromatomaly

53.5076, 56.6220, 50.7568

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.1495, 57.6429, 35.0603 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(217, 199, 145)` looks like.

```
.text, #text, p{  
    color:rgb(217, 199, 145)  
}
```

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(217, 199, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 199, 145) }
```

Border

The CSS property to change the border of an element to XYZ 54.1495, 57.6429, 35.0603 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(217, 199, 145) }
```


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

```
.border{ border-color:rgb(217, 199, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 199, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 199, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 199, 145);  
box-shadow:4px 4px 4px 4px rgb(217, 199,  
145) }
```

Background

The CSS property to change the background color of an element to XYZ 54.1495, 57.6429, 35.0603 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 199, 145) }
```

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

```
.background{ background-color: rgb(217,  
199, 145) }
```

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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