

Converting Colors

XYZ(43.5998, 45.5401, 35.0206)

Have a look what the booklet for
XYZ(43.5998, 45.5401, 35.0206)
contains.

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Color

**XYZ(43.5933, 45.4800,
34.9147)**

Conversions

Conversions Part 1

Format	Color
Hex	C2B295
RGB	194, 178, 149
RGB Percent	76%, 70%, 58%
CMY	0.2392, 0.3019, 0.4157
CMYK	0.00, 0.08, 0.23, 0.24
HSL	39°, 27%, 67%
HSV	39°, 23%, 76%
XYZ	43.5933, 45.4800, 34.9147
YIQ	179.4780, 18.8450, -5.6270

Conversions

Conversions Part 2

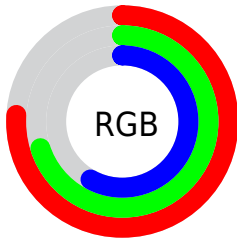
Format	Color
RYB	174, 194, 149
Decimal	12759701
CIELab	73.21, 1.08, 16.91
CIELCh	73, 16.947, 86.340
Yxy	45.4800, 0.3516, 0.3668
Android (android.graphics.Color)	4290949781 (0xFFC2B295)
YUV	179.4780, -15.0257, 12.7358
Hunter-Lab	67.4389, -2.6334, 16.5114

Details

The XYZ color **43.5933, 45.4800, 34.9147** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **35.5869, 37.1940, 56.3426**, and the grayscale version is **43.1745, 45.4230, 49.4656**.

A 20% lighter version of the original color is **79.9860, 83.6667, 68.4335**, and **20.3534, 21.1245, 14.5600** is the 20% darker color. If you saturate the color by 10%, you get **40.8342, 42.2373, 26.9796**, and if you desaturate by 10%, it is **46.6818, 48.9680, 44.2336**.

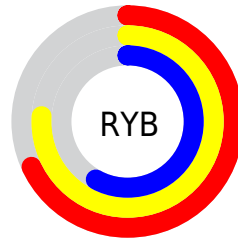
Distribution



Red (76%)

Green (70%)

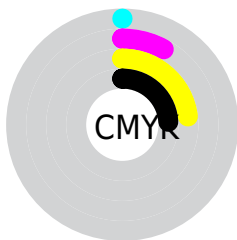
Blue (58%)



Red (68%)

Yellow (76%)

Blue (58%)

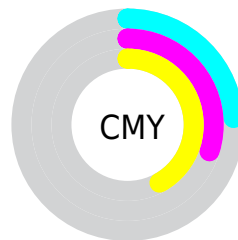


Cyan (0%)

Magenta (8%)

Yellow (23%)

Black (24%)



Cyan (24%)


Magenta (30%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 43.5933, 45.4800, 34.9147 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 43.5933, 45.4800, 34.9147 by changing the saturation by 10% instead.

 43.5933, 45.4800,
34.9147

 43.5933, 45.4800,
34.9147


351.9264,
368.7141, 339.0845

 30.5474, 31.8357,
23.3141

 79.8556, 83.4402,
68.5037

 20.4046, 21.2360,
14.6182


 103.8027,
108.5249, 91.3292

 12.7995, 13.2966,
8.4082


132.1142,
138.1919, 118.7334

 7.3666, 7.6331,
4.2658

165.1556,
172.8255, 151.1349

 3.7408, 3.8611,
1.7722

203.2921,
212.8101, 188.9522

 1.5566, 1.5962,
0.4095

246.8892,

 0.3638, 0.3550,

258.5301, 232.6039

0.0000

296.3122,
310.3700, 282.5085

■ 0.0000, 0.0000,
0.0000

■ 43.5933, 45.4800,
34.9147

■ 43.5933, 45.4800,
34.9147

■ 40.8342, 42.2373,
26.9796

■ 46.6818, 48.9680,
44.2336

■ 38.3872, 39.2267,
20.3577

■ 50.1090, 52.7018,
54.9963

■ 36.2386, 36.4425,
14.9768

■ 53.8882, 56.6899,
67.2628

■ 34.3721, 33.8767,
10.7563

■ 58.0309, 60.9384,
81.0889

■ 32.7695, 31.5201,
7.6058

■ 62.5479, 65.4531,
96.5272

■ 31.4101, 29.3629,
5.4219

■ 65.7292, 69.5514,
104.5682

■ 30.2693, 27.3932,
4.0797

■ 67.5700, 73.2329,
105.1818

■ 29.5869, 26.1467,
3.4874

■ 69.4861, 77.0652,
105.8205

■ 71.4786, 81.0502,
106.4847

Harmonies

Analogous

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



46.4734, 45.4800, 37.1067



43.5933, 45.4800, 34.9147



40.7407, 45.4800, 36.2512

Triad

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



43.5933, 45.4800, 34.9147



38.3048, 45.4800, 57.1437



48.1614, 45.4800, 59.1583

Complementary

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



43.5933, 45.4800, 34.9147



35.5869, 37.1940, 56.3426

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.



45.8133, 45.4800, 65.6859



43.5933, 45.4800, 34.9147



40.1361, 45.4800, 64.4324

Square

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



43.5933, 45.4800, 34.9147



37.7706, 45.4800, 48.4823



42.8635, 45.4800, 67.7178



49.1859, 45.4800, 50.5724

Rectangle

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



43.5933, 45.4800, 34.9147



39.2229, 45.4800, 39.0569



42.8635, 45.4800, 67.7178



47.4956, 45.4800, 61.7024

Sweetspot

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



43.5945, 45.4820, 34.9157



88.2785, 92.7790, 91.6849



39.8331, 35.6997, 40.6282



19.2475, 20.2257, 19.8118



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.



43.5945, 45.4820, 34.9157



76.2849, 79.2626, 55.4068



45.4559, 51.4451, 35.9685



10.6025, 11.1364, 10.6526



19.5321, 17.3499, 2.3194



0.9070, 0.8757, 0.1212

Inverse Universe

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



35.5869, 37.1940, 56.3426



59.1641, 61.5458, 101.2310



34.0032, 32.3591, 55.4929



9.8147, 10.3208, 12.7596



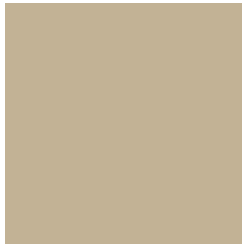
7.8705, 5.4976, 34.2029



0.4055, 0.3684, 1.4996

Previews

White Background



This preview shows how the XYZ color 43.5933, 45.4800, 34.9147 looks on a white background.

Color Contrast Check

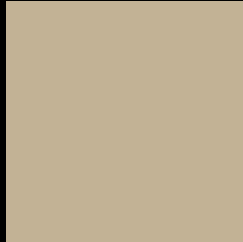
Large Text (above 18pt) WCAG AA × Fail

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 43.5933, 45.4800, 34.9147 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

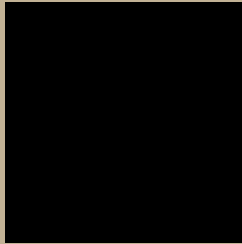
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 43.5933, 45.4800, 34.9147

Background



This preview shows how black text looks on a background with the XYZ color 43.5933, 45.4800, 34.9147.



This preview shows how white text looks on a background with the XYZ color 43.5933, 45.4800,

34.9147.

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

43.5933, 45.4800, 34.9147

Protanopia

42.8603, 45.3894, 35.3562

Deuteranopia

46.4610, 45.4990, 35.1876



Tritanopia

47.3597, 45.5744, 52.7550

Trichromacy



Original Color

43.5933, 45.4800, 34.9147

Protanomaly

43.1110, 45.5186, 35.3679

Deuteranomaly

45.4636, 45.5585, 35.2516

Tritanomaly

45.8988, 45.5474, 45.9076

Monochromacy



Original Color

43.5933, 45.4800, 34.9147

Achromatopsia

42.8472, 45.0786, 49.0906

Achromatomaly

42.9551, 45.2577, 43.5174

CSS Examples

Text

The CSS property to change the color of the text to XYZ 43.5933, 45.4800, 34.9147 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(194, 178, 149)` looks like.

```
.text, #text, p{  
    color:rgb(194, 178, 149)  
}
```

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(194, 178, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 178, 149) }
```

Border

The CSS property to change the border of an element to XYZ 43.5933, 45.4800, 34.9147 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(194, 178, 149) }
```


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

```
.border{ border-color:rgb(194, 178, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 178, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 178, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 178, 149);  
box-shadow:4px 4px 4px 4px rgb(194, 178,  
149) }
```

Background

The CSS property to change the background color of an element to XYZ 43.5933, 45.4800, 34.9147 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 178, 149) }
```

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

```
.background{ background-color: rgb(194,  
178, 149) }
```

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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