

Converting Colors

XYZ(50.3540, 46.3937, 34.7360)

Have a look what the booklet for
XYZ(50.3540, 46.3937, 34.7360)
contains.

XYZ(50.3533, 46.3932, 34.7346)	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(50.3533, 46.3932,
34.7346)**

Conversions

Conversions Part 1

Format	Color
Hex	E0A995
RGB	224, 169, 149
RGB Percent	88%, 66%, 58%
CMY	0.1216, 0.3372, 0.4157
CMYK	0.00, 0.25, 0.33, 0.12
HSL	16°, 55%, 73%
HSV	16°, 33%, 88%
XYZ	50.3533, 46.3932, 34.7346
YIQ	183.1650, 39.2000, 5.4400

Conversions

Conversions Part 2

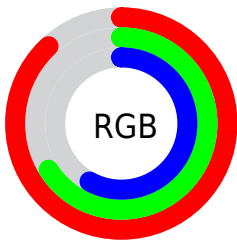
Format	Color
R _Y B	224, 176, 149
Decimal	14723477
CIE Lab	73.80, 17.51, 18.17
CIE LCh	74, 25.232, 46.066
Yxy	46.3932, 0.3830, 0.3529
Android (android.graphics.Color)	4292913557 (0xFFE0A995)
YUV	183.1650, -16.8433, 35.8123
Hunter-Lab	68.1126, 12.7620, 17.4433

Details

The XYZ color **50.3533, 46.3932, 34.7346** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **47.4411, 54.9552, 78.6282**, and the grayscale version is **45.1758, 47.5285, 51.7585**.

A 20% lighter version of the original color is **78.6751, 78.8831, 67.5792**, and **24.5022, 21.8199, 14.4755** is the 20% darker color. If you saturate the color by 10%, you get **45.8681, 40.0147, 25.2488**, and if you desaturate by 10%, it is **55.5688, 53.6815, 46.1617**.

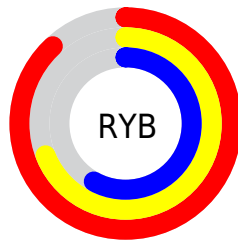
Distribution



Red (88%)

Green (66%)

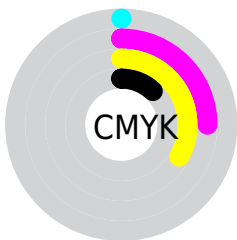
Blue (58%)



Red (88%)

Yellow (69%)

Blue (58%)

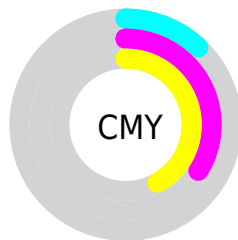


Cyan (0%)

Magenta (25%)

Yellow (33%)

Black (12%)



Cyan (12%)

Magenta (34%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 50.3533, 46.3932, 34.7346 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 50.3533, 46.3932, 34.7346 by changing the saturation by 10% instead.


 50.3533, 46.3932,
34.7346


 50.3533, 46.3932,
34.7346


378.4751,
372.3872, 338.2639

 35.9131, 32.5562,
23.1766

 89.8868, 84.8072,
68.2213

 24.5369, 21.7867,
14.5174


 115.7109,
110.1529, 90.9871

 15.8593, 13.7003,
8.3386


146.0603,
140.1037, 118.3259

 9.5148, 7.9125,
4.2215

181.3004,
175.0439, 150.6562

 5.1383, 4.0390,
1.7476

221.7966,
215.3580, 188.3967

 2.3642, 1.6954,
0.3931

267.9142,

 0.8272, 0.4207,

261.4303, 231.9657

0.0000

320.0186,
313.6452, 281.7820

0.0000, 0.0000,
0.0000

50.3533, 46.3932,
34.7346

50.3533, 46.3932,
34.7346

45.8681, 40.0147,
25.2488

55.5688, 53.6815,
46.1617

42.0755, 34.5030,
17.5925

61.5427, 61.9071,
59.6276

38.9400, 29.8216,
11.6468

68.3057, 71.1046,
75.2268

36.4210, 25.9285,
7.2775

75.8861, 81.3047,
93.0467

34.4729, 22.7778,
4.3300

83.3290, 92.1442,
108.0014

■ 33.0426, 20.3181,
2.6174

■ 84.5505, 94.5873,
108.4086

■ 32.3432, 19.0527,
1.9729

Harmonies

Analogous

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



52.9120, 46.3932, 43.9831



50.3533, 46.3932, 34.7346



46.2047, 46.3932, 30.1355

Triad

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



50.3533, 46.3932, 34.7346



36.2440, 46.3932, 44.7975



46.5252, 46.3932, 78.1575

Complementary

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



50.3533, 46.3932, 34.7346



47.4411, 54.9552, 78.6282

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.



42.0512, 46.3932, 78.4761



50.3533, 46.3932, 34.7346



36.3169, 46.3932, 57.6620

Square

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



50.3533, 46.3932, 34.7346



38.1722, 46.3932, 35.2433



38.3786, 46.3932, 70.4687



50.6016, 46.3932, 69.6605

Rectangle

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



50.3533, 46.3932, 34.7346



43.1903, 46.3932, 29.7204



38.3786, 46.3932, 70.4687



45.0129, 46.3932, 79.2681

Sweetspot

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



50.3545, 46.3954, 34.7355



85.5352, 87.1099, 86.8010



52.3873, 41.7023, 62.4153



18.0407, 18.2805, 17.9653



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.



50.3545, 46.3954, 34.7355



63.3528, 56.2859, 37.6622



58.3575, 62.4013, 37.4032



14.0031, 14.2922, 14.3274



18.9070, 11.2518, 1.1753



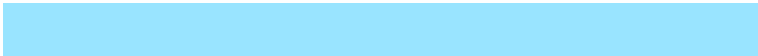
1.3832, 0.9253, 0.1057

Inverse Universe

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



47.4411, 54.9552, 78.6282



58.8735, 69.3655, 104.8937



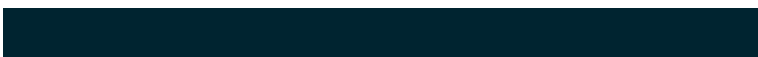
39.5767, 39.2265, 76.0067



13.7911, 14.9214, 17.5409



15.6842, 18.8381, 43.8578



1.1595, 1.4504, 3.0641

Previews

White Background



This preview shows how the XYZ color 50.3533, 46.3932, 34.7346 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 50.3533, 46.3932, 34.7346 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

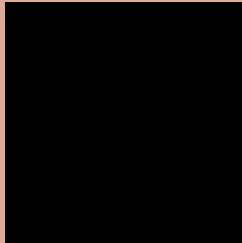
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 50.3533, 46.3932, 34.7346

Background



This preview shows how black text looks on a background with the XYZ color 50.3533, 46.3932, 34.7346.



This preview shows how white text looks on a background with the XYZ color 50.3533, 46.3932,

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

50.3533, 46.3932, 34.7346

Protanopia

43.9261, 46.4907, 37.6688

Deuteranopia

47.5392, 46.6469, 34.5151



Tritanopia

53.1696, 46.4555, 48.2839

Trichromacy



Original Color

50.3533, 46.3932, 34.7346

Protanomaly

46.1005, 46.4407, 36.6712

Deuteranomaly

48.6078, 46.6242, 34.4544

Tritanomaly

51.9753, 46.2312, 42.7433

Monochromacy



Original Color

50.3533, 46.3932, 34.7346

Achromatopsia

45.0092, 47.3531, 51.5676

Achromatomaly

46.5598, 46.7868, 45.1049

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.3533, 46.3932, 34.7346 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(224, 169, 149)` looks like.

```
.text, #text, p{  
    color:rgb(224, 169, 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(224, 169, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 169, 149) }
```

Border

The CSS property to change the border of an element to XYZ 50.3533, 46.3932, 34.7346 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(224, 169, 149) }
```


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

```
.border{ border-color:rgb(224, 169, 149) }
```

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

Here you see how a box with a 4 pixel rgb(224, 169, 149) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 169, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 169, 149);  
box-shadow:4px 4px 4px 4px rgb(224, 169,  
149) }
```

Background

The CSS property to change the background color of an element to XYZ 50.3533, 46.3932, 34.7346 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 169, 149) }
```

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

```
.background{ background-color: rgb(224,  
169, 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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