

Converting Colors

XYZ(46.1873, 43.2917, 34.2215)

Have a look what the booklet for
XYZ(46.1873, 43.2917, 34.2215)
contains.

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Color

**XYZ(46.0313, 43.0772,
34.3224)**

Conversions

Conversions Part 1

Format	Color
Hex	D4A595
RGB	212, 165, 149
RGB Percent	83%, 65%, 58%
CMY	0.1686, 0.3529, 0.4157
CMYK	0.00, 0.22, 0.30, 0.17
HSL	15°, 42%, 71%
HSV	15°, 30%, 83%
XYZ	46.0313, 43.0772, 34.3224
YIQ	177.2290, 33.1480, 4.9880

Conversions

Conversions Part 2

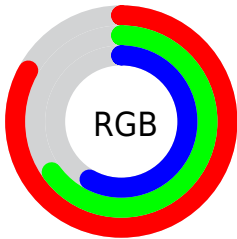
Format	Color
R _Y B	212, 170, 149
Decimal	13936021
CIE Lab	71.61, 15.03, 14.93
CIE LCh	72, 21.191, 44.806
Yxy	43.0772, 0.3729, 0.3490
Android (android.graphics.Color)	4292126101 (0xFFD4A595)
YUV	177.2290, -13.9169, 30.4942
Hunter-Lab	65.6332, 10.3313, 14.9380

Details

The XYZ color **46.0313, 43.0772, 34.3224** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **44.0174, 50.6213, 69.7384**, and the grayscale version is **41.9699, 44.1556, 48.0854**.

A 20% lighter version of the original color is **77.6127, 76.7582, 67.2251**, and **21.8200, 19.7600, 14.2193** is the 20% darker color. If you saturate the color by 10%, you get **41.8123, 37.1057, 25.3119**, and if you desaturate by 10%, it is **50.9134, 49.8815, 45.0748**.

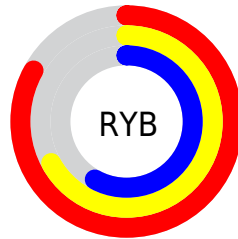
Distribution



Red (83%)

Green (65%)

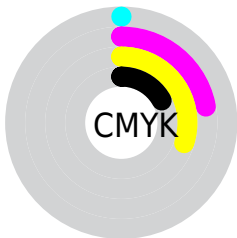
Blue (58%)



Red (83%)

Yellow (67%)

Blue (58%)

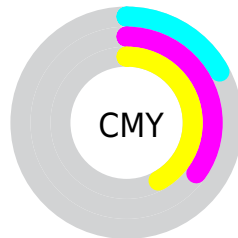


Cyan (0%)

Magenta (22%)

Yellow (30%)

Black (17%)



Cyan (17%)


Magenta (35%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 46.0313, 43.0772, 34.3224 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 46.0313, 43.0772, 34.3224 by changing the saturation by 10% instead.


 46.0313, 43.0772,
34.3224


 46.0313, 43.0772,
34.3224


361.6483,
358.9292, 336.3802

 32.4752, 29.9457,
22.8620


 83.4934, 79.8273,
67.5743

 21.8821, 19.7974,
14.2873


 108.1302,
104.2148, 90.2030

 13.8864, 12.2478,
8.1797


137.1913,
133.1230, 117.3914

 8.1229, 6.9127,
4.1208

171.0420,
166.9363, 149.5583

 4.2261, 3.4076,
1.6918

210.0477,
206.0392, 187.1220

 1.8308, 1.3480,
0.3551

254.5737,

 0.5361, 0.1779,

250.8160, 230.5012

0.0000

304.9855,
301.6512, 280.1144

■ 0.0000, 0.0000,
0.0000

■ 46.0313, 43.0772,
34.3224

■ 46.0313, 43.0772,
34.3224

■ 41.8123, 37.1057,
25.3119

■ 50.9134, 49.8815,
45.0748

■ 38.2235, 31.9285,
17.9484

■ 56.4829, 57.5429,
57.6520

■ 35.2341, 27.5133,
12.1317

■ 62.7669, 66.0926,
72.1348

■ 32.8092, 23.8227,
7.7496

■ 69.7900, 75.5579,
88.5982

■ 30.9099, 20.8164,
4.6744

■ 77.5755, 85.9652,
107.1120

■ 29.4919, 18.4494,
2.7557

■ 80.9614, 92.7371,
108.2407

■ 28.4881, 16.6651,
1.7325

■ 28.4639, 16.6220,
1.7081

Harmonies

Analogous

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



47.9756, 43.0772, 42.0377



46.0313, 43.0772, 34.3224



42.7768, 43.0772, 30.3160

Triad

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



46.0313, 43.0772, 34.3224



34.6454, 43.0772, 41.9179



42.7304, 43.0772, 68.6944

Complementary

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



46.0313, 43.0772, 34.3224



44.0174, 50.6213, 69.7384

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.



39.1635, 43.0772, 68.6498



46.0313, 43.0772, 34.3224



34.6346, 43.0772, 52.1315

Square

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



46.0313, 43.0772, 34.3224



36.2757, 43.0772, 34.2458



36.2453, 43.0772, 62.2358



45.9957, 43.0772, 62.3499

Rectangle

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



46.0313, 43.0772, 34.3224



40.3688, 43.0772, 29.8545



36.2453, 43.0772, 62.2358



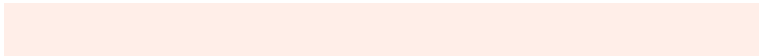
41.5238, 43.0772, 69.4530

Sweetspot

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



46.0324, 43.0792, 34.3233



86.3522, 88.1683, 88.8481



47.8914, 39.4893, 57.4722



18.2002, 18.4849, 18.3720



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.



46.0324, 43.0792, 34.3233



65.5375, 59.2490, 42.7264



52.3728, 55.7600, 36.4367



12.6771, 12.9284, 12.9880



17.6405, 10.3982, 1.0773



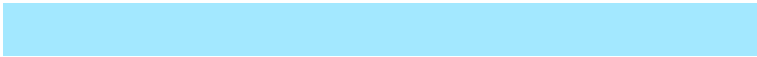
1.1308, 0.7608, 0.0873

Inverse Universe

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



44.0174, 50.6213, 69.7384



61.9617, 72.5607, 105.3476



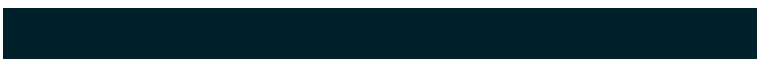
37.6886, 37.9637, 67.6288



12.5127, 13.5488, 15.8932



14.9838, 18.2293, 41.1820



0.9681, 1.2283, 2.5054

Previews

White Background



This preview shows how the XYZ color 46.0313, 43.0772, 34.3224 looks on a white background.

Color Contrast Check

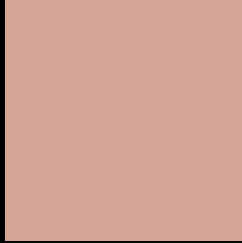
Large Text (above 18pt) WCAG AA × Fail

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 46.0313, 43.0772, 34.3224 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 46.0313, 43.0772, 34.3224

Background



This preview shows how black text looks on a background with the XYZ color 46.0313, 43.0772, 34.3224.



This preview shows how white text looks on a background with the XYZ color 46.0313, 43.0772,

34.3224.

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

46.0313, 43.0772, 34.3224

Protanopia

40.9299, 43.1834, 36.7498

Deuteranopia

43.8904, 43.0706, 34.0172



Tritanopia

48.4092, 42.9928, 45.7914

Trichromacy



Original Color

46.0313, 43.0772, 34.3224

Protanomaly

42.4785, 42.8622, 35.7401

Deuteranomaly

44.8015, 43.2652, 34.0067

Tritanomaly

47.4434, 42.8534, 41.3683

Monochromacy



Original Color

46.0313, 43.0772, 34.3224

Achromatopsia

41.7894, 43.9657, 47.8787

Achromatomaly

43.1538, 43.6243, 42.7051

CSS Examples

Text

The CSS property to change the color of the text to XYZ 46.0313, 43.0772, 34.3224 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(212, 165, 149)` looks like.

```
.text, #text, p{  
    color:rgb(212, 165, 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(212, 165, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 165, 149) }
```

Border

The CSS property to change the border of an element to XYZ 46.0313, 43.0772, 34.3224 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(212, 165, 149) }
```


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

```
.border{ border-color:rgb(212, 165, 149) }
```

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

Here you see how a box with a 4 pixel rgb(212, 165, 149) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 165, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 165, 149);  
box-shadow:4px 4px 4px 4px rgb(212, 165,  
149) }
```

Background

The CSS property to change the background color of an element to XYZ 46.0313, 43.0772, 34.3224 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 165, 149) }
```

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

```
.background{ background-color: rgb(212,  
165, 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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