

Converting Colors

XYZ(49.4034, 46.3334, 40.5218)

Have a look what the booklet for
XYZ(49.4034, 46.3334, 40.5218)
contains.

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Color

**XYZ(49.4034, 46.3334,
40.5218)**

Conversions

Conversions Part 1

Format	Color
Hex	D8ABA2
RGB	216, 171, 162
RGB Percent	85%, 67%, 64%
CMY	0.1529, 0.3294, 0.3647
CMYK	0.00, 0.21, 0.25, 0.15
HSL	10°, 41%, 74%
HSV	10°, 25%, 85%
XYZ	49.4034, 46.3334, 40.5218
YIQ	183.4290, 29.7090, 6.7410

Conversions

Conversions Part 2

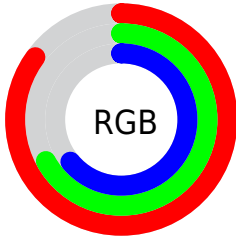
Format	Color
R _Y B	216, 173, 162
Decimal	14199714
CIE Lab	73.76, 15.11, 10.90
CIE LCh	74, 18.634, 35.803
Yxy	46.3334, 0.3626, 0.3400
Android (android.graphics.Color)	4292389794 (0xFFD8ABA2)
YUV	183.4290, -10.5645, 28.5648
Hunter-Lab	68.0686, 10.4330, 12.3522

Details

The XYZ color **49.4034, 46.3334, 40.5218** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **49.6072, 57.2632, 73.4043**, and the grayscale version is **45.2912, 47.6499, 51.8907**.

A 20% lighter version of the original color is **80.9607, 80.6625, 76.9480**, and **23.9085, 21.7930, 17.6982** is the 20% darker color. If you saturate the color by 10%, you get **44.4747, 39.2891, 30.2058**, and if you desaturate by 10%, it is **55.1274, 54.4398, 52.7310**.

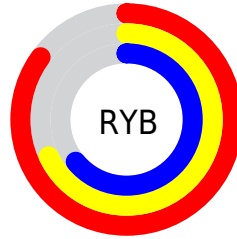
Distribution



Red (85%)

Green (67%)

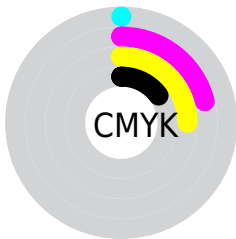
Blue (64%)



Red (85%)

Yellow (68%)

Blue (64%)

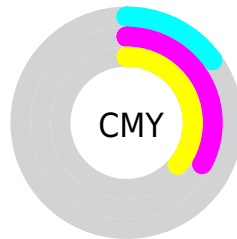


Cyan (0%)

Magenta (21%)

Yellow (25%)

Black (15%)



Cyan (15%)


Magenta (33%)


Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 49.4034, 46.3334, 40.5218 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 49.4034, 46.3334, 40.5218 by changing the saturation by 10% instead.

 49.4034, 46.3334,
40.5218


 49.4034, 46.3334,
40.5218


374.8189,
372.1474, 363.9353

 35.1554, 32.5090,
27.6287

 88.4874, 84.7177,
77.2032

 23.9497, 21.7506,
17.8094


 114.0542,
110.0465, 101.8286

 15.4209, 13.6737,
10.6452


144.1246,
139.9787, 131.2019

 9.2035, 7.8941,
5.7176

179.0640,
174.8990, 165.7416

 4.9323, 4.0273,
2.6082

219.2378,
215.1916, 205.8662

 2.2420, 1.6888,
0.8967

265.0113,

 0.7647, 0.4164,

261.2409, 251.9944

0.0000

316.7499,
313.4314, 304.5445

0.0000, 0.0000,
0.0000

49.4034, 46.3334,
40.5218

49.4034, 46.3334,
40.5218

44.4747, 39.2891,
30.2058

55.1274, 54.4398,
52.7310

40.3021, 33.2565,
21.6852

61.6761, 63.6431,
66.9188

36.8486, 28.1908,
14.8577

69.0820, 73.9847,
83.1688

34.0727, 24.0413,
9.6096

77.3748, 85.5016,
101.5592

31.9284, 20.7523,
5.8129

82.1290, 93.3390,
108.2953

■ 30.3636, 18.2622,
3.3199

■ 29.3173, 16.5008,
1.9504

■ 28.9504, 15.8618,
1.5358

Harmonies

Analogous

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



50.6772, 46.3334, 48.6290



49.4034, 46.3334, 40.5218



46.6984, 46.3334, 35.5856

Triad

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



49.4034, 46.3334, 40.5218



38.4857, 46.3334, 43.3424



44.6850, 46.3334, 70.8378

Complementary

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



49.4034, 46.3334, 40.5218



49.6072, 57.2632, 73.4043

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.



41.4816, 46.3334, 68.9640



49.4034, 46.3334, 40.5218



38.0065, 46.3334, 52.3142

Square

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



49.4034, 46.3334, 40.5218



40.4200, 46.3334, 37.0657



39.0768, 46.3334, 61.8784



47.8668, 46.3334, 66.7193

Rectangle

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



49.4034, 46.3334, 40.5218



44.5058, 46.3334, 34.3698



39.0768, 46.3334, 61.8784



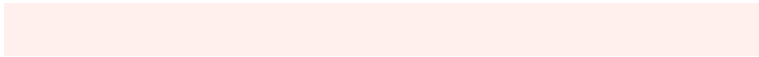
43.5745, 46.3334, 70.8936

Sweetspot

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



49.4046, 46.3355, 40.5228



87.7453, 89.7778, 92.9399



52.5021, 44.9451, 64.9399



18.6525, 19.0358, 19.6134



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.



49.4046, 46.3355, 40.5228



68.0129, 61.8679, 50.7402



55.0349, 57.5961, 42.3995



12.5889, 12.7520, 12.9586



17.1889, 9.4950, 0.9268



1.0895, 0.6781, 0.0735

Inverse Universe

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



49.6072, 57.2632, 73.4043



68.3498, 80.3938, 106.5229



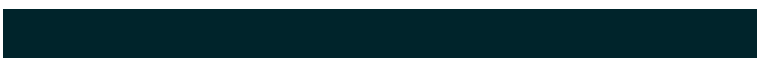
43.6167, 45.2823, 71.4075



12.6078, 13.7389, 15.9249



17.0632, 22.3883, 41.8752



1.0771, 1.4461, 2.5417

Previews

White Background



This preview shows how the XYZ color 49.4034, 46.3334, 40.5218 looks on a white background.

Color Contrast Check

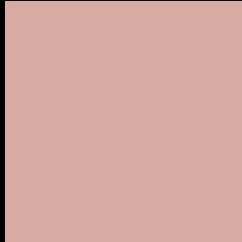
Large Text (above 18pt) WCAG AA × Fail

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 49.4034, 46.3334, 40.5218 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

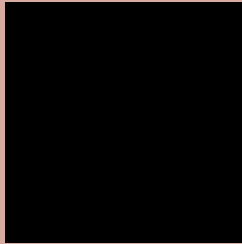
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 49.4034, 46.3334, 40.5218

Background



This preview shows how black text looks on a background with the XYZ color 49.4034, 46.3334, 40.5218.



This preview shows how white text looks on a background with the XYZ color 49.4034, 46.3334,

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

49.4034, 46.3334, 40.5218

Protanopia

44.2380, 46.5291, 43.2086

Deuteranopia

47.2166, 46.3550, 40.1770



Tritanopia

51.2566, 46.2469, 49.9411

Trichromacy



Original Color

49.4034, 46.3334, 40.5218

Protanomaly

45.8024, 46.1667, 42.0943

Deuteranomaly

48.1474, 46.5470, 40.1650

Tritanomaly

50.4432, 46.1836, 46.3001

Monochromacy



Original Color

49.4034, 46.3334, 40.5218

Achromatopsia

45.0092, 47.3531, 51.5676

Achromatomaly

46.3636, 46.9374, 47.1736

CSS Examples

Text

The CSS property to change the color of the text to XYZ 49.4034, 46.3334, 40.5218 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(216, 171, 162)` looks like.

```
.text, #text, p{  
    color:rgb(216, 171, 162)  
}
```

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(216, 171, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 171, 162) }
```

Border

The CSS property to change the border of an element to XYZ 49.4034, 46.3334, 40.5218 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(216, 171, 162) }
```


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

```
.border{ border-color:rgb(216, 171, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 171, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 171, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 171, 162);  
box-shadow:4px 4px 4px 4px rgb(216, 171,  
162) }
```

Background

The CSS property to change the background color of an element to XYZ 49.4034, 46.3334, 40.5218 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 171, 162) }
```

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

```
.background{ background-color: rgb(216,  
171, 162) }
```

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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