

Converting Colors

XYZ(52.5446, 48.8762, 33.7291)

Have a look what the booklet for
XYZ(52.5446, 48.8762, 33.7291)
contains.

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Color

**XYZ(52.6375, 49.0054,
33.8788)**

Conversions

Conversions Part 1

Format	Color
Hex	E5AE92
RGB	229, 174, 146
RGB Percent	90%, 68%, 57%
CMY	0.1020, 0.3176, 0.4274
CMYK	0.00, 0.24, 0.36, 0.10
HSL	20°, 61%, 74%
HSV	20°, 36%, 90%
XYZ	52.6375, 49.0054, 33.8788
YIQ	187.2530, 41.7680, 2.9520

Conversions

Conversions Part 2

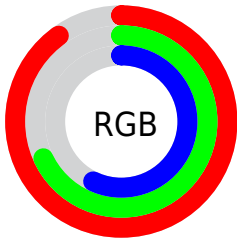
Format	Color
RYB	229, 188, 146
Decimal	15052434
CIELab	75.45, 16.40, 22.16
CIElCh	75, 27.566, 53.487
Yxy	49.0054, 0.3884, 0.3616
Android (android.graphics.Color)	4293242514 (0xFFE5AE92)
YUV	187.2530, -20.3377, 36.6121
Hunter-Lab	70.0039, 11.7115, 20.3089

Details

The XYZ color **52.6375, 49.0054, 33.8788** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **46.8829, 53.5397, 81.9922**, and the grayscale version is **47.4727, 49.9450, 54.3901**.

A 20% lighter version of the original color is **79.9621, 82.0238, 66.2613**, and **25.9162, 23.2716, 13.9524** is the 20% darker color. If you saturate the color by 10%, you get **48.2640, 42.8293, 24.4953**, and if you desaturate by 10%, it is **57.7015, 55.9912, 45.2538**.

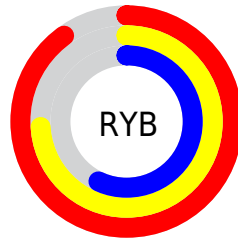
Distribution



Red (90%)

Green (68%)

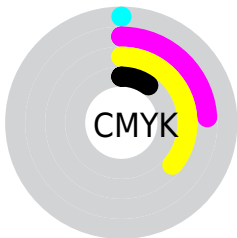
Blue (57%)



Red (90%)

Yellow (74%)

Blue (57%)

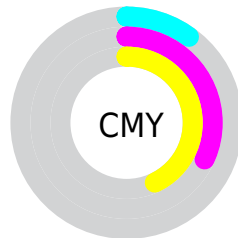


Cyan (0%)

Magenta (24%)

Yellow (36%)

Black (10%)



Cyan (10%)


Magenta (32%)


Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 52.6375, 49.0054, 33.8788 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 52.6375, 49.0054, 33.8788 by changing the saturation by 10% instead.


 52.6375, 49.0054,
33.8788

 52.6375, 49.0054,
33.8788


387.1765,
382.7636, 334.3439

 37.7398, 34.6238,
22.5239


 93.2394, 88.6995,
66.8769

 25.9571, 23.3732,
14.0404


 119.6743,
114.7807, 89.3572

 16.9241, 14.8693,
8.0097


150.6857,
145.5306, 116.3830

 10.2753, 8.7277,
4.0133

186.6388,
181.3335, 148.3728

 5.6455, 4.5640,
1.6326

227.8991,
222.5739, 185.7453

 2.6694, 1.9938,
0.3139

274.8319,

 0.9814, 0.6039,

269.6361, 228.9190

0.0000

327.8026,
322.9045, 278.3123

■ 0.0000, 0.0000,
0.0000

■ 52.6375, 49.0054,
33.8788

■ 52.6375, 49.0054,
33.8788

■ 48.2640, 42.8293,
24.4953

■ 57.7015, 55.9912,
45.2538

■ 44.5449, 37.4254,
16.9838

■ 63.4824, 63.8086,
58.7243

■ 41.4460, 32.7634,
11.2166

■ 70.0096, 72.4870,
74.3906

■ 38.9285, 28.8082,
7.0484

■ 77.3097, 82.0524,
92.3454

■ 36.9478, 25.5210,
4.3099

■ 84.5093, 92.1703,
107.9443

■ 35.4509, 22.8581,
2.7906

■ 86.1232, 95.3981,
108.4822

■ 34.9857, 22.0031,
2.4031

Harmonies

Analogous

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



56.1272, 49.0054, 42.9644



52.6375, 49.0054, 33.8788



47.6953, 49.0054, 30.1041

Triad

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



52.6375, 49.0054, 33.8788



37.5286, 49.0054, 50.2469



50.5821, 49.0054, 83.3601

Complementary

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



52.6375, 49.0054, 33.8788



46.8829, 53.5397, 81.9922

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.



45.4786, 49.0054, 86.2718



52.6375, 49.0054, 33.8788



38.1787, 49.0054, 65.3069

Square

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



52.6375, 49.0054, 33.8788



39.1577, 49.0054, 38.3795



41.0026, 49.0054, 79.1590



54.8814, 49.0054, 71.8017

Rectangle

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



52.6375, 49.0054, 33.8788



44.3361, 49.0054, 30.5096



41.0026, 49.0054, 79.1590



48.8945, 49.0054, 85.4600

Sweetspot

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



52.6388, 49.0077, 33.8798



85.2131, 87.0330, 84.9447



53.1743, 41.4491, 60.6624



17.9974, 18.3070, 17.6023



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.



52.6388, 49.0077, 33.8798



63.1769, 56.9131, 34.5853



61.8446, 67.4195, 36.9484



14.7724, 15.1587, 15.0518



20.1028, 12.7798, 1.4072



1.5689, 1.1112, 0.1318

Inverse Universe

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



46.8829, 53.5397, 81.9922



54.8612, 63.4162, 103.9568



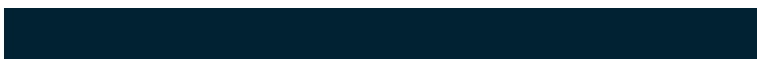
38.5394, 36.8526, 79.2110



14.3764, 15.4742, 18.3734



14.5968, 16.2558, 44.7515



1.1637, 1.3712, 3.3353

Previews

White Background



This preview shows how the XYZ color 52.6375, 49.0054, 33.8788 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 52.6375, 49.0054, 33.8788 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

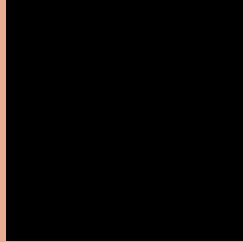
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 52.6375, 49.0054, 33.8788

Background



This preview shows how black text looks on a background with the XYZ color 52.6375, 49.0054, 33.8788.



This preview shows how white text looks on a background with the XYZ color 52.6375, 49.0054,

33.8788.

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

52.6375, 49.0054, 33.8788

Protanopia

46.2524, 49.2551, 36.7752

Deuteranopia

50.1444, 49.1900, 33.6398



Tritanopia

56.2357, 49.0770, 50.7648

Trichromacy



Original Color

52.6375, 49.0054, 33.8788

Protanomaly

48.5275, 49.2132, 35.7956

Deuteranomaly

50.9572, 49.0182, 33.5638

Tritanomaly

55.0031, 49.1462, 44.1233

Monochromacy



Original Color

52.6375, 49.0054, 33.8788

Achromatopsia

47.2335, 49.6933, 54.1160

Achromatomaly

48.5315, 48.9910, 45.9281

CSS Examples

Text

The CSS property to change the color of the text to XYZ 52.6375, 49.0054, 33.8788 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(229, 174, 146)` looks like.

```
.text, #text, p{  
    color:rgb(229, 174, 146)  
}
```

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(229, 174, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 174, 146) }
```

Border

The CSS property to change the border of an element to XYZ 52.6375, 49.0054, 33.8788 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(229, 174, 146) }
```


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

```
.border{ border-color:rgb(229, 174, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 174, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 174, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 174, 146);  
box-shadow:4px 4px 4px 4px rgb(229, 174,  
146) }
```

Background

The CSS property to change the background color of an element to XYZ 52.6375, 49.0054, 33.8788 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 174, 146) }
```

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

```
.background{ background-color: rgb(229,  
174, 146) }
```

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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