

Converting Colors

XYZ(49.2083, 52.6167, 34.0952)

Have a look what the booklet for
XYZ(49.2083, 52.6167, 34.0952)
contains.

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Color

**XYZ(49.3373, 52.8347,
33.9833)**

Conversions

Conversions Part 1

Format	Color
Hex	CEC090
RGB	206, 192, 144
RGB Percent	81%, 75%, 56%
CMY	0.1922, 0.2470, 0.4353
CMYK	0.00, 0.07, 0.30, 0.19
HSL	46°, 39%, 69%
HSV	46°, 30%, 81%
XYZ	49.3373, 52.8347, 33.9833
YIQ	190.7140, 23.7520, -11.9600

Conversions

Conversions Part 2

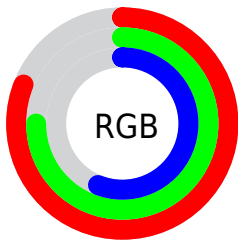
Format	Color
R _Y B	162, 206, 144
Decimal	13549712
CIE Lab	77.78, -2.38, 26.02
CIE LCh	78, 26.129, 95.218
Yxy	52.8347, 0.3624, 0.3880
Android (android.graphics.Color)	4291739792 (0xFFCEC090)
YUV	190.7140, -23.0300, 13.4058
Hunter-Lab	72.6875, -6.0446, 23.1616

Details

The XYZ color **49.3373, 52.8347, 33.9833** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **34.8688, 34.8383, 63.2794**, and the grayscale version is **49.4762, 52.0528, 56.6855**.

A 20% lighter version of the original color is **85.0004, 92.4720, 66.7950**, and **23.9709, 25.8349, 14.0792** is the 20% darker color. If you saturate the color by 10%, you get **46.8998, 50.2535, 26.0990**, and if you desaturate by 10%, it is **52.0971, 55.6001, 43.3936**.

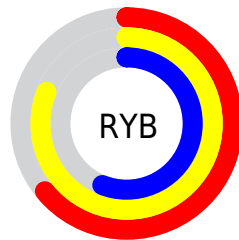
Distribution



Red (81%)

Green (75%)

Blue (56%)



Red (64%)

Yellow (81%)

Blue (56%)

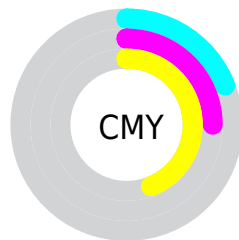


Cyan (0%)

Magenta (7%)

Yellow (30%)

Black (19%)



Cyan (19%)


Magenta (25%)

Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 49.3373, 52.8347, 33.9833 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 49.3373, 52.8347, 33.9833 by changing the saturation by 10% instead.


 49.3373, 52.8347,
33.9833


 49.3373, 52.8347,
33.9833


374.5637,
397.6506, 334.8245

 35.1028, 37.6708,
22.6035


 88.3899, 94.3611,
67.0413

 23.9089, 25.7273,
14.0985


 113.9387,
121.4924, 89.5566

 15.3904, 16.6197,
8.0497


143.9896,
153.3816, 116.6208

 9.1820, 9.9638,
4.0385

178.9081,
190.4132, 148.6525

 4.9181, 5.3749,
1.6465

219.0593,
232.9715, 186.0701

 2.2336, 2.4689,
0.3237

264.8088,

 0.7603, 0.8610,

281.4409, 229.2923

0.0000

316.5218,
336.2058, 278.7376

■ 0.0000, 0.0000,
0.0000

■ 49.3373, 52.8347,
33.9833

■ 49.3373, 52.8347,
33.9833

■ 46.8998, 50.2535,
26.0990

■ 52.0971, 55.6001,
43.3936

■ 44.7646, 47.8426,
19.6550

■ 55.1899, 58.5490,
54.4030

■ 42.9157, 45.5968,
14.5621


■ 58.6308, 61.6897,
67.0835


■ 41.3336, 43.5079,
10.7197


■ 62.4328, 65.0277,
81.5020


■ 39.9963, 41.5667,
8.0131

■ 66.6081, 68.5686,
97.7217


 38.8778, 39.7622,
6.3065

 69.0722, 71.4788,
104.7640

 37.9379, 38.0902,
5.3526

 70.3090, 73.9525,
105.1763

 71.5800, 76.4946,
105.6000

 72.8856, 79.1056,
106.0352

Harmonies

Analogous

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



54.4115, 52.8347, 35.7396



49.3373, 52.8347, 33.9833



44.8084, 52.8347, 37.6184

Triad

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



49.3373, 52.8347, 33.9833



42.6745, 52.8347, 75.1577



59.5886, 52.8347, 70.0285

Complementary

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



49.3373, 52.8347, 33.9833



34.8688, 34.8383, 63.2794

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.



56.0459, 52.8347, 83.4541



49.3373, 52.8347, 33.9833



46.2453, 52.8347, 86.7471

Square

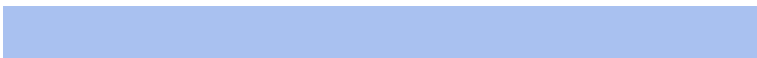
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



49.3373, 52.8347, 33.9833



41.1305, 52.8347, 60.1020



51.1087, 52.8347, 90.0126



60.5537, 52.8347, 55.0285

Rectangle

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



49.3373, 52.8347, 33.9833



42.6364, 52.8347, 43.0394



51.1087, 52.8347, 90.0126



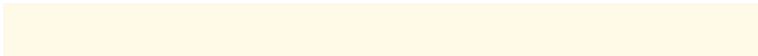
58.6485, 52.8347, 74.9500

Sweetspot

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



49.3387, 52.8371, 33.9844



89.9421, 95.3481, 90.0447



41.6391, 35.5537, 37.2273



19.0841, 20.2527, 18.6667



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.



49.3387, 52.8371, 33.9844



77.3708, 82.9154, 46.6708



48.2080, 57.0351, 34.8543



11.9307, 12.6504, 11.8924



23.4364, 23.6058, 3.3211



1.2632, 1.3261, 0.1894

Inverse Universe

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



34.8688, 34.8383, 63.2794



50.3196, 49.2763, 101.4669



35.7185, 31.9321, 62.6737



10.8038, 11.2480, 14.1720



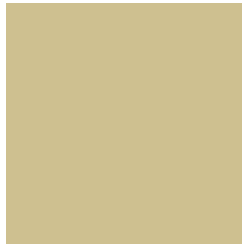
7.5346, 4.0931, 36.3492



0.4476, 0.3290, 1.8949

Previews

White Background



This preview shows how the XYZ color 49.3373, 52.8347, 33.9833 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 49.3373, 52.8347, 33.9833 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

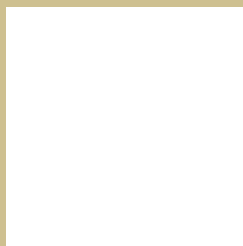
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 49.3373, 52.8347, 33.9833

Background



This preview shows how black text looks on a background with the XYZ color 49.3373, 52.8347, 33.9833.



This preview shows how white text looks on a background with the XYZ color 49.3373, 52.8347,

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

49.3373, 52.8347, 33.9833

Protanopia

49.3373, 52.8347, 33.9833

Deuteranopia

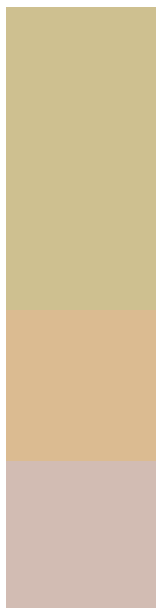
53.6928, 52.5251, 34.5026



Tritanopia

55.0983, 52.9676, 61.3526

Trichromacy



Original Color

49.3373, 52.8347, 33.9833

Protanomaly

49.3373, 52.8347, 33.9833

Deuteranomaly

52.0946, 52.6451, 34.2039

Tritanomaly

52.6982, 52.9228, 50.0854

Monochromacy



Original Color

49.3373, 52.8347, 33.9833

Achromatopsia

49.5206, 52.0996, 56.7364

Achromatomaly

49.0357, 52.0534, 47.5072

CSS Examples

Text

The CSS property to change the color of the text to XYZ 49.3373, 52.8347, 33.9833 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(206, 192, 144)` looks like.

```
.text, #text, p{  
    color:rgb(206, 192, 144)  
}
```

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(206, 192, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 192, 144) }
```

Border

The CSS property to change the border of an element to XYZ 49.3373, 52.8347, 33.9833 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(206, 192, 144) }
```


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

```
.border{ border-color:rgb(206, 192, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 192, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 192, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 192, 144);  
box-shadow:4px 4px 4px 4px rgb(206, 192,  
144) }
```

Background

The CSS property to change the background color of an element to XYZ 49.3373, 52.8347, 33.9833 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 192, 144) }
```

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

```
.background{ background-color: rgb(206,  
192, 144) }
```

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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