

Converting Colors

XYZ(53.0809, 48.8216, 33.4143)

Have a look what the booklet for
XYZ(53.0809, 48.8216, 33.4143)
contains.

XYZ(53.3331, 49.0873, 33.4519)	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(53.3331, 49.0873,
33.4519)**

Conversions

Conversions Part 1

Format	Color
Hex	E8AD91
RGB	232, 173, 145
RGB Percent	91%, 68%, 57%
CMY	0.0902, 0.3215, 0.4314
CMYK	0.00, 0.25, 0.37, 0.09
HSL	19°, 65%, 74%
HSV	19°, 37%, 91%
XYZ	53.3331, 49.0873, 33.4519
YIQ	187.4490, 44.1520, 3.8000

Conversions

Conversions Part 2

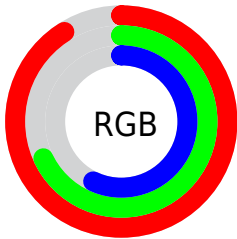
Format	Color
R _Y B	232, 186, 145
Decimal	15248785
CIE Lab	75.51, 17.98, 22.81
CIE LCh	76, 29.050, 51.754
Yxy	49.0873, 0.3925, 0.3613
Android (android.graphics.Color)	4293438865 (0xFFE8AD91)
YUV	187.4490, -20.9274, 39.0712
Hunter-Lab	70.0623, 13.2693, 20.7351

Details

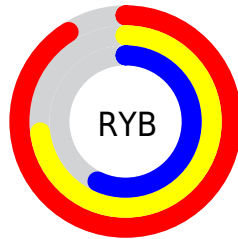
The XYZ color **53.3331, 49.0873, 33.4519** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **47.8345, 55.0295, 84.4445**, and the grayscale version is **47.5860, 50.0641, 54.5198**.

A 20% lighter version of the original color is **79.5681, 81.4221, 65.5552**, and **26.4160, 23.3551, 13.7054** is the 20% darker color. If you saturate the color by 10%, you get **48.8826, 42.7628, 24.0256**, and if you desaturate by 10%, it is **58.5066, 56.2730, 44.9224**.

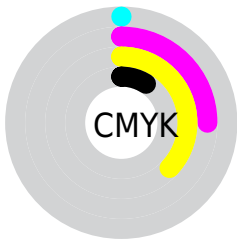
Distribution



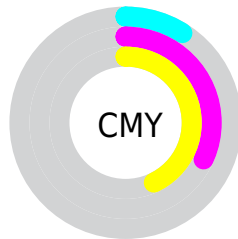
- Red (91%)
- Green (68%)
- Blue (57%)



- Red (91%)
- Yellow (73%)
- Blue (57%)



- Cyan (0%)
- Magenta (25%)
- Yellow (37%)
- Black (9%)





- Cyan (9%)
- Magenta (32%)
- Yellow (43%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 53.3331, 49.0873, 33.4519 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 53.3331, 49.0873, 33.4519 by changing the saturation by 10% instead.

 53.3331, 49.0873,
33.4519

 53.3331, 49.0873,
33.4519


389.8018,
383.0859, 332.3754

 38.2973, 34.6887,
22.1989


 94.2570, 88.8211,
66.2045

 26.3918, 23.4232,
13.8034


 120.8758,
114.9251, 88.5413

 17.2512, 14.9063,
7.8469


152.0863,
145.6998, 115.4096

 10.5101, 8.7537,
3.9108

188.2538,
181.5294, 147.2282

 5.8033, 4.5809,
1.5765

229.7438,
222.7984, 184.4156

 2.7654, 2.0035,
0.2740

276.9215,

 1.0309, 0.6095,

269.8913, 227.3902

0.0000

330.1524,
323.1923, 276.5706

■ 0.0000, 0.0000,
0.0000

■ 53.3331, 49.0873,
33.4519

■ 53.3331, 49.0873,
33.4519

■ 48.8826, 42.7628,
24.0256

■ 58.5066, 56.2730,
44.9224

■ 45.1168, 37.2591,
16.5185

■ 64.4316, 64.3446,
58.5460

■ 41.9991, 32.5425,
10.7966

■ 71.1395, 73.3341,
74.4272

■ 39.4874, 28.5743,
6.7068

■ 78.6585, 83.2700,
92.6630

■ 37.5340, 25.3116,
4.0699

■ 86.0342, 93.7869,
108.1759

■ 36.0787, 22.7050,
2.6475

■ 87.0887, 95.8958,
108.5274

■ 35.7731, 22.1447,
2.3889

Harmonies

Analogous

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



56.9008, 49.0873, 43.2350



53.3331, 49.0873, 33.4519



48.1502, 49.0873, 29.2297

Triad

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



53.3331, 49.0873, 33.4519



37.1791, 49.0873, 49.3241



50.5820, 49.0873, 85.8265

Complementary

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



53.3331, 49.0873, 33.4519



47.8345, 55.0295, 84.4445

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.



45.1930, 49.0873, 88.3149



53.3331, 49.0873, 33.4519



37.7212, 49.0873, 65.1539

Square

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



53.3331, 49.0873, 33.4519



39.0190, 49.0873, 37.1751



40.5608, 49.0873, 80.1498



55.2297, 49.0873, 73.8869

Rectangle

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



53.3331, 49.0873, 33.4519



44.5873, 49.0873, 29.4401



40.5608, 49.0873, 80.1498



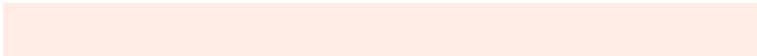
48.7878, 49.0873, 87.8770

Sweetspot

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



53.3344, 49.0896, 33.4529



85.0877, 86.7822, 84.9029



54.3575, 41.7883, 62.6114



17.9676, 18.2475, 17.5924



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.



53.3344, 49.0896, 33.4529



61.7513, 54.6794, 32.2072



62.9583, 68.3376, 36.6609



14.7538, 15.1216, 15.0456



19.9610, 12.4961, 1.3599



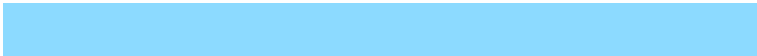
1.5568, 1.0869, 0.1277

Inverse Universe

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



47.8345, 55.0295, 84.4445



53.9949, 62.9923, 103.9206



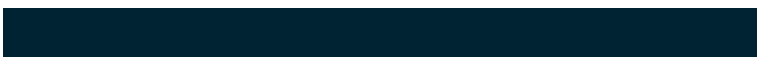
38.9791, 37.3187, 81.4927



14.3958, 15.5131, 18.3799



14.9286, 16.9192, 44.8621



1.1864, 1.4167, 3.3429

Previews

White Background



This preview shows how the XYZ color 53.3331, 49.0873, 33.4519 looks on a white background.

Color Contrast Check

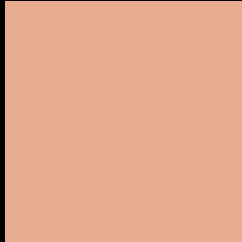
Large Text (above 18pt) WCAG AA × Fail

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 53.3331, 49.0873, 33.4519 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

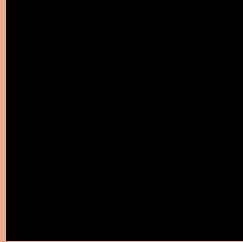
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.3331, 49.0873, 33.4519

Background



This preview shows how black text looks on a background with the XYZ color 53.3331, 49.0873, 33.4519.



This preview shows how white text looks on a background with the XYZ color 53.3331, 49.0873,

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

53.3331, 49.0873, 33.4519

Protanopia

46.4335, 49.3579, 36.3579

Deuteranopia

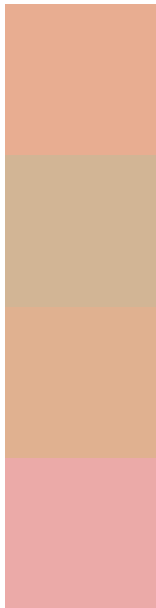
50.3676, 49.3139, 33.2494



Tritanopia

56.9352, 49.1743, 50.2068

Trichromacy



Original Color

53.3331, 49.0873, 33.4519

Protanomaly

48.5270, 48.9193, 35.3185

Deuteranomaly

51.4967, 49.3052, 33.1882

Tritanomaly

55.7036, 49.2388, 43.6139

Monochromacy



Original Color

53.3331, 49.0873, 33.4519

Achromatopsia

47.2335, 49.6933, 54.1160

Achromatomaly

48.8029, 49.1310, 45.9408

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.3331, 49.0873, 33.4519 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(232, 173, 145)` looks like.

```
.text, #text, p{  
    color:rgb(232, 173, 145)  
}
```

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(232, 173, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 173, 145) }
```

Border

The CSS property to change the border of an element to XYZ 53.3331, 49.0873, 33.4519 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(232, 173, 145) }
```


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

```
.border{ border-color:rgb(232, 173, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 173, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 173, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 173, 145);  
box-shadow:4px 4px 4px 4px rgb(232, 173,  
145) }
```

Background

The CSS property to change the background color of an element to XYZ 53.3331, 49.0873, 33.4519 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 173, 145) }
```

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

```
.background{ background-color: rgb(232,  
173, 145) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor