

Converting Colors

XYZ(53.4822, 48.8938, 32.8545)

Have a look what the booklet for
XYZ(53.4822, 48.8938, 32.8545)
contains.

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Color

**XYZ(53.3908, 48.8423,
32.9991)**

Conversions

Conversions Part 1

Format	Color
Hex	E9AC90
RGB	233, 172, 144
RGB Percent	91%, 67%, 56%
CMY	0.0863, 0.3255, 0.4353
CMYK	0.00, 0.26, 0.38, 0.09
HSL	19°, 67%, 74%
HSV	19°, 38%, 91%
XYZ	53.3908, 48.8423, 32.9991
YIQ	187.0470, 45.3440, 4.2240

Conversions

Conversions Part 2

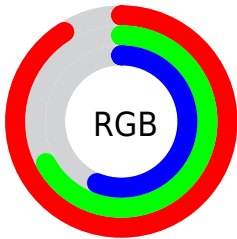
Format	Color
R _Y B	233, 185, 144
Decimal	15314064
CIE Lab	75.35, 18.79, 23.16
CIE LCh	75, 29.826, 50.953
Yxy	48.8423, 0.3948, 0.3612
Android (android.graphics.Color)	4293504144 (0xFFE9AC90)
YUV	187.0470, -21.2222, 40.3008
Hunter-Lab	69.8873, 14.0634, 20.9258

Details

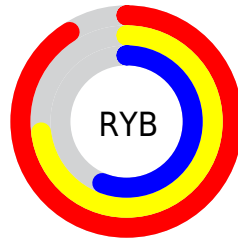
The XYZ color **53.3908, 48.8423, 32.9991** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **48.0400, 55.4730, 85.2660**, and the grayscale version is **47.3597, 49.8261, 54.2606**.

A 20% lighter version of the original color is **79.1764, 80.8240, 64.8536**, and **26.2518, 23.0979, 13.4307** is the 20% darker color. If you saturate the color by 10%, you get **48.9319, 42.4864, 23.6151**, and if you desaturate by 10%, it is **58.5849, 56.0803, 44.4424**.

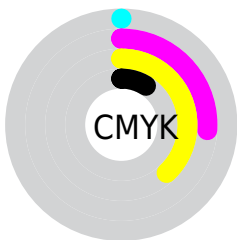
Distribution



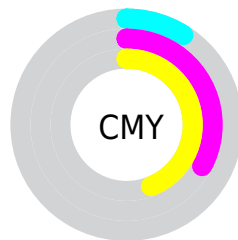
- Red (91%)
- Green (67%)
- Blue (56%)



- Red (91%)
- Yellow (73%)
- Blue (56%)



- Cyan (0%)
- Magenta (26%)
- Yellow (38%)
- Black (9%)





- Cyan (9%)
- Magenta (33%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.3908, 48.8423, 32.9991 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 53.3908, 48.8423, 32.9991 by changing the saturation by 10% instead.


 53.3908, 48.8423,
32.9991


 53.3908, 48.8423,
32.9991


390.0190,
382.1212, 330.2776

 38.3436, 34.4944,
21.8546


 94.3413, 88.4572,
65.4901

 26.4279, 23.2737,
13.5528


 120.9753,
114.4930, 87.6738

 17.2784, 14.7957,
7.6751


152.2023,
145.1935, 114.3742

 10.5297, 8.6761,
3.8030

188.3876,
180.9432, 146.0100

 5.8165, 4.5305,
1.5179

229.8965,
222.1264, 182.9997

 2.7734, 1.9745,
0.2312

277.0945,

 1.0351, 0.5926,

269.1275, 225.7619

0.0000

330.3469,
322.3310, 274.7150

■ 0.0000, 0.0000,
0.0000

■ 53.3908, 48.8423,
32.9991

■ 53.3908, 48.8423,
32.9991

■ 48.9319, 42.4864,
23.6151

■ 58.5849, 56.0803,
44.4424

■ 45.1689, 36.9707,
16.1631

■ 64.5436, 64.2262,
58.0557

■ 42.0640, 32.2601,
10.5063

■ 71.2991, 73.3133,
73.9454

■ 39.5740, 28.3140,
6.4885

■ 78.8805, 83.3713,
92.2100

■ 37.6493, 25.0879,
3.9257

■ 86.4168, 94.0688,
108.2102

■ 36.2252, 22.5288,
2.5599

■ 87.4142, 96.0636,
108.5427

■ 36.0076, 22.1304,
2.3738

Harmonies

Analogous

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



56.9880, 48.8423, 43.0923



53.3908, 48.8423, 32.9991



48.1018, 48.8423, 28.5768

Triad

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



53.3908, 48.8423, 32.9991



36.7651, 48.8423, 48.5703



50.2986, 48.8423, 86.6787

Complementary

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



53.3908, 48.8423, 32.9991



48.0400, 55.4730, 85.2660

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.



44.7840, 48.8423, 88.9444



53.3908, 48.8423, 32.9991



37.2520, 48.8423, 64.7328

Square

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



53.3908, 48.8423, 32.9991



38.7029, 48.8423, 36.3288



40.0897, 48.8423, 80.2642



55.1073, 48.8423, 74.5739

Rectangle

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



53.3908, 48.8423, 32.9991



44.4475, 48.8423, 28.6922



40.0897, 48.8423, 80.2642



48.4565, 48.8423, 88.6988

Sweetspot

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



53.3920, 48.8446, 33.0001



85.0293, 86.6655, 84.8835



54.7548, 41.7414, 63.7550



17.9538, 18.2198, 17.5878



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.



53.3920, 48.8446, 33.0001



61.0599, 53.5947, 31.0576



62.9898, 68.0401, 36.1993



15.4522, 15.8275, 15.7593



20.5294, 12.7531, 1.3796



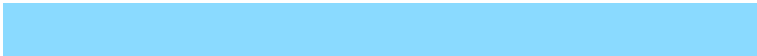
1.6954, 1.1681, 0.1361

Inverse Universe

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



48.0400, 55.4730, 85.2660



53.5764, 62.7872, 103.9031



39.0952, 37.5833, 82.2844



15.0947, 16.2759, 19.2682



15.5633, 17.7736, 46.3533



1.3076, 1.5667, 3.6684

Previews

White Background



This preview shows how the XYZ color 53.3908, 48.8423, 32.9991 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 53.3908, 48.8423, 32.9991 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

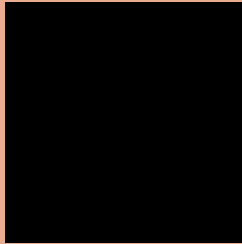
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.3908, 48.8423, 32.9991

Background



This preview shows how black text looks on a background with the XYZ color 53.3908, 48.8423, 32.9991.



This preview shows how white text looks on a background with the XYZ color 53.3908, 48.8423,

32.9991.

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

53.3908, 48.8423, 32.9991

Protanopia

46.0899, 49.1901, 35.9196

Deuteranopia

49.7918, 48.7294, 32.7680



Tritanopia

56.6490, 48.7656, 49.6070

Trichromacy



Original Color

53.3908, 48.8423, 32.9991

Protanomaly

48.4475, 48.8875, 34.8997

Deuteranomaly

50.9147, 48.7218, 32.7074

Tritanomaly

55.4240, 48.8281, 43.0628

Monochromacy



Original Color

53.3908, 48.8423, 32.9991

Achromatopsia

47.2335, 49.6933, 54.1160

Achromatomaly

48.9805, 49.2335, 45.4496

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.3908, 48.8423, 32.9991 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(233, 172, 144)` looks like.

```
.text, #text, p{  
    color:rgb(233, 172, 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(233, 172, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 172, 144) }
```

Border

The CSS property to change the border of an element to XYZ 53.3908, 48.8423, 32.9991 is called "border". The border property can be set on classes, ids or directly on the HTML element.

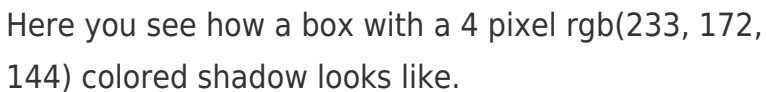
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(233, 172, 144) }
```


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

```
.border{ border-color:rgb(233, 172, 144) }
```

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



Here you see how a box with a 4 pixel `rgb(233, 172, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(233, 172, 144); -webkit-box-shadow:4px 4px 4px 4px rgb(233, 172, 144); box-shadow:4px 4px 4px 4px rgb(233, 172, 144) }
```

Background

The CSS property to change the background color of an element to XYZ 53.3908, 48.8423, 32.9991 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 172, 144) }
```

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

```
.background{ background-color: rgb(233,  
172, 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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