

Converting Colors

XYZ(53.4303, 49.1638, 32.2647)

Have a look what the booklet for
XYZ(53.4303, 49.1638, 32.2647)
contains.

XYZ(53.4303, 49.1638, 32.2647)	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(53.4303, 49.1638,
32.2647)**

Conversions

Conversions Part 1

Format	Color
Hex	E9AD8E
RGB	233, 173, 142
RGB Percent	91%, 68%, 56%
CMY	0.0863, 0.3215, 0.4431
CMYK	0.00, 0.26, 0.39, 0.09
HSL	20°, 67%, 74%
HSV	20°, 39%, 91%
XYZ	53.4303, 49.1638, 32.2647
YIQ	187.4060, 45.7110, 3.0790

Conversions

Conversions Part 2

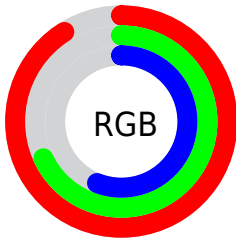
Format	Color
R_{YB}	233, 189, 142
Decimal	15314318
CIE _{Lab}	75.55, 18.03, 24.51
CIE _{LCh}	76, 30.429, 53.666
Yxy	49.1638, 0.3962, 0.3646
Android (android.graphics.Color)	4293504398 (0xFFE9AD8E)
YUV	187.4060, -22.3852, 39.9859
Hunter-Lab	70.1169, 13.3155, 21.7992

Details

The XYZ color **53.4303, 49.1638, 32.2647** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **46.9829, 53.8729, 85.0128**, and the grayscale version is **47.5690, 50.0463, 54.5004**.

A 20% lighter version of the original color is **79.2231, 81.2841, 63.7385**, and **26.3274, 23.3196, 13.2387** is the 20% darker color. If you saturate the color by 10%, you get **49.0824, 42.9811, 23.0682**, and if you desaturate by 10%, it is **58.4850, 56.1749, 43.5017**.

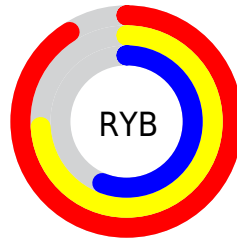
Distribution



Red (91%)

Green (68%)

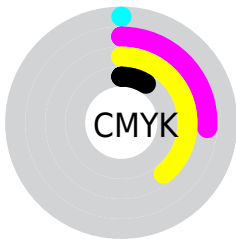
Blue (56%)



Red (91%)

Yellow (74%)

Blue (56%)

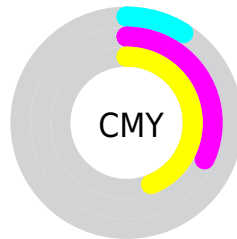


Cyan (0%)

Magenta (26%)

Yellow (39%)

Black (9%)



Cyan (9%)


Magenta (32%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.4303, 49.1638, 32.2647 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 53.4303, 49.1638, 32.2647 by changing the saturation by 10% instead.


 53.4303, 49.1638,
32.2647


 53.4303, 49.1638,
32.2647


390.1677,
383.3868, 326.8531

 38.3752, 34.7494,
21.2973


 94.3991, 88.9347,
64.3285

 26.4526, 23.4699,
13.1481

 121.0435,
115.0600, 86.2620

 17.2970, 14.9409,
7.3987


152.2817,
145.8577, 112.6880

 10.5431, 8.7779,
3.6305

188.4791,
181.7123, 144.0249

 5.8255, 4.5966,
1.4249

230.0011,
223.0081, 180.6913

 2.7789, 2.0126,
0.1610

277.2129,

 1.0380, 0.6148,

270.1295, 223.1058

0.0000

330.4800,
323.4610, 271.6869

■ 0.0000, 0.0000,
0.0000

■ 53.4303, 49.1638,
32.2647

■ 53.4303, 49.1638,
32.2647

■ 49.0824, 42.9811,
23.0682

■ 58.4850, 56.1749,
43.5017

■ 45.4033, 37.5877,
15.7846

■ 64.2747, 64.0373,
56.8904

■ 42.3566, 32.9515,
10.2761

■ 70.8304, 72.7821,
72.5374

■ 39.9002, 29.0354,
6.3853

■ 78.1802, 82.4364,
90.5412

■ 37.9862, 25.7982,
3.9258

■ 85.7816, 92.7984,
107.9985

■ 36.5467, 23.1893,
2.6130

■ 87.4142, 96.0636,
108.5427

■ 36.4282, 22.9715,
2.5140

Harmonies

Analogous

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



57.3448, 49.1638, 42.0414



53.4303, 49.1638, 32.2647



47.9315, 49.1638, 28.2811

Triad

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



53.4303, 49.1638, 32.2647



36.7876, 49.1638, 50.1877



51.2033, 49.1638, 87.1858

Complementary

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



53.4303, 49.1638, 32.2647



46.9829, 53.8729, 85.0128

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.



45.5463, 49.1638, 90.5710



53.4303, 49.1638, 32.2647



37.5111, 49.1638, 66.9437

Square

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



53.4303, 49.1638, 32.2647



38.5506, 49.1638, 37.2041



40.6123, 49.1638, 82.5428



55.9886, 49.1638, 74.0478

Rectangle

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



53.4303, 49.1638, 32.2647



44.2211, 49.1638, 28.7327



40.6123, 49.1638, 82.5428



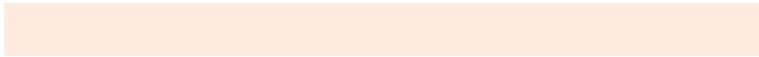
49.3294, 49.1638, 89.5985

Sweetspot

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



53.4316, 49.1661, 32.2657



84.4074, 85.9806, 82.9529



54.0173, 40.9660, 61.3523



17.8370, 18.0977, 17.2052



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.



53.4316, 49.1661, 32.2657



61.1461, 54.0582, 30.1886



63.5150, 69.3331, 35.6268



15.4850, 15.8930, 15.7702



20.7734, 13.2411, 1.4609



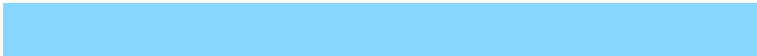
1.7176, 1.2125, 0.1435

Inverse Universe

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



46.9829, 53.8729, 85.0128



52.1542, 60.5601, 103.5482



37.9490, 35.8049, 82.0015



15.0605, 16.2074, 19.2568



14.9858, 16.6185, 46.1608



1.2654, 1.4822, 3.6543

Previews

White Background



This preview shows how the XYZ color 53.4303, 49.1638, 32.2647 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 53.4303, 49.1638, 32.2647 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

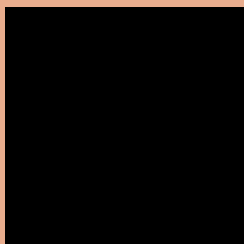
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.4303, 49.1638, 32.2647

Background



This preview shows how black text looks on a background with the XYZ color 53.4303, 49.1638, 32.2647.



This preview shows how white text looks on a background with the XYZ color 53.4303, 49.1638,

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

53.4303, 49.1638, 32.2647

Protanopia

46.1929, 49.2617, 35.0908

Deuteranopia

50.4430, 49.3789, 32.0718



Tritanopia

57.1659, 49.3051, 49.6839

Trichromacy



Original Color

53.4303, 49.1638, 32.2647

Protanomaly

48.5761, 48.9720, 34.0864

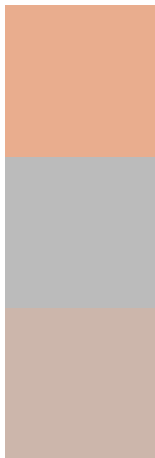
Deuteranomaly

51.5812, 49.3749, 32.0110

Tritanomaly

55.8497, 49.3355, 42.6555

Monochromacy



Original Color

53.4303, 49.1638, 32.2647

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 53.4303, 49.1638, 32.2647 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, 173, 142)` looks like.

```
.text, #text, p{  
    color:rgb(233, 173, 142)  
}
```

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, 173, 142) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 173, 142) }
```

Border

The CSS property to change the border of an element to XYZ 53.4303, 49.1638, 32.2647 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, 173, 142) }
```


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

```
.border{ border-color:rgb(233, 173, 142) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 173, 142)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 173, 142); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 173, 142);  
box-shadow:4px 4px 4px 4px rgb(233, 173,  
142) }
```

Background

The CSS property to change the background color of an element to XYZ 53.4303, 49.1638, 32.2647 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 173, 142) }
```

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

```
.background{ background-color: rgb(233,  
173, 142) }
```

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