

Converting Colors

XYZ(54.7884, 49.5539, 33.4653)

Have a look what the booklet for
XYZ(54.7884, 49.5539, 33.4653)
contains.

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Color

**XYZ(54.7884, 49.5539,
33.4653)**

Conversions

Conversions Part 1

Format	Color
Hex	EDAC91
RGB	237, 172, 145
RGB Percent	93%, 67%, 57%
CMY	0.0706, 0.3255, 0.4314
CMYK	0.00, 0.27, 0.39, 0.07
HSL	18°, 72%, 75%
HSV	18°, 39%, 93%
XYZ	54.7884, 49.5539, 33.4653
YIQ	188.3570, 47.4070, 5.3830

Conversions

Conversions Part 2

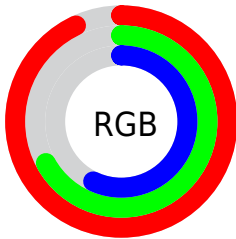
Format	Color
R _Y B	237, 183, 145
Decimal	15576209
CIE Lab	75.79, 20.45, 23.30
CIE LCh	76, 31.001, 48.715
Yxy	49.5539, 0.3976, 0.3596
Android (android.graphics.Color)	4293766289 (0xFFEDAC91)
YUV	188.3570, -21.3750, 42.6599
Hunter-Lab	70.3945, 15.7370, 21.0899

Details

The XYZ color **54.7884, 49.5539, 33.4653** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **50.0088, 58.2252, 88.7235**, and the grayscale version is **48.1030, 50.6081, 55.1122**.

A 20% lighter version of the original color is **79.2922, 80.8703, 65.4632**, and **27.2076, 23.5855, 13.7081** is the 20% darker color. If you saturate the color by 10%, you get **50.1599, 42.9227, 23.8275**, and if you desaturate by 10%, it is **60.2022, 57.1453, 45.2465**.

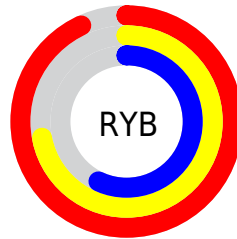
Distribution



Red (93%)

Green (67%)

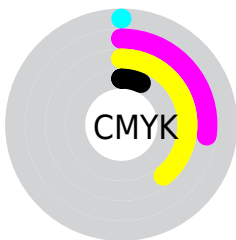
Blue (57%)



Red (93%)

Yellow (72%)

Blue (57%)

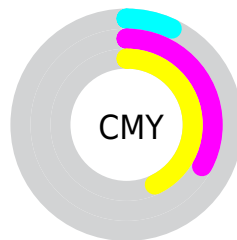


Cyan (0%)

Magenta (27%)

Yellow (39%)

Black (7%)



Cyan (7%)


Magenta (33%)


Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.7884, 49.5539, 33.4653 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 54.7884, 49.5539, 33.4653 by changing the saturation by 10% instead.


 54.7884, 49.5539,
33.4653

 54.7884, 49.5539,
33.4653


395.2588,
384.9188, 332.4373

 39.4655, 35.0591,
22.2091

 96.3810, 89.5136,
66.2257

 27.3044, 23.7084,
13.8108


 123.3814,
115.7472, 88.5669

 17.9397, 15.1174,
7.8520

155.0050,
146.6625, 115.4402

 11.0062, 8.9018,
3.9140

191.6172,
182.6440, 147.2642

 6.1383, 4.6772,
1.5783

233.5833,
224.0759, 184.4574

 2.9708, 2.0591,
0.2752

281.2687,

 1.1383, 0.6415,

271.3428, 227.4382

0.0000

335.0388,
324.8290, 276.6254

■ 0.0568, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.7884, 49.5539,
33.4653

■ 54.7884, 49.5539,
33.4653

■ 50.1599, 42.9227,
23.8275

■ 60.2022, 57.1453,
45.2465

■ 46.2741, 37.2053,
16.1993

■ 66.4334, 65.7268,
59.2879

■ 43.0898, 32.3618,
10.4366

■ 73.5168, 75.3356,
75.7011

■ 40.5601, 28.3464,
6.3741

■ 81.4841, 86.0048,
94.5895

■ 38.6307, 25.1085,
3.8173

■ 88.7350, 96.7445,
108.6045

■ 37.2285, 22.5870,
2.4780

■ 37.0882, 22.3309,
2.3555

Harmonies

Analogous

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



58.3825, 49.5539, 44.4086



54.7884, 49.5539, 33.4653



49.2994, 49.5539, 28.4527

Triad

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



54.7884, 49.5539, 33.4653



37.0554, 49.5539, 47.9857



50.7417, 49.5539, 89.9017

Complementary

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



54.7884, 49.5539, 33.4653



50.0088, 58.2252, 88.7235

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.



44.9660, 49.5539, 91.4044



54.7884, 49.5539, 33.4653



37.3727, 49.5539, 64.7817

Square

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



54.7884, 49.5539, 33.4653



39.2606, 49.5539, 35.6228



40.1659, 49.5539, 81.4599



55.9180, 49.5539, 77.6964

Rectangle

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



54.7884, 49.5539, 33.4653



45.4419, 49.5539, 28.2918



40.1659, 49.5539, 81.4599



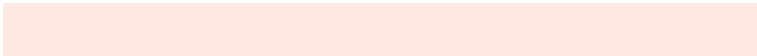
48.7969, 49.5539, 91.7559

Sweetspot

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



54.7897, 49.5563, 33.4663



83.9961, 85.1580, 82.8158



56.8002, 42.9556, 66.8820



17.7407, 17.9050, 17.1731



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.



54.7897, 49.5563, 33.4663



60.0604, 51.8868, 29.8267



64.8661, 69.7091, 36.8251



15.4257, 15.7745, 15.7505



20.3475, 12.3892, 1.3189



1.6784, 1.1342, 0.1305

Inverse Universe

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



50.0088, 58.2252, 88.7235



53.6118, 63.4753, 104.0341



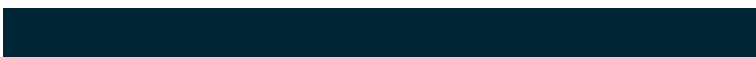
40.4067, 39.0210, 85.5228



15.1226, 16.3317, 19.2775



16.0525, 18.7520, 46.5164



1.3431, 1.6376, 3.6802

Previews

White Background



This preview shows how the XYZ color 54.7884, 49.5539, 33.4653 looks on a white background.

Color Contrast Check

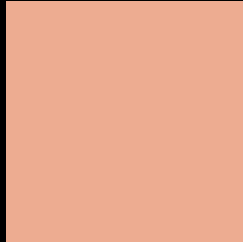
Large Text (above 18pt) WCAG AA × Fail

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 54.7884, 49.5539, 33.4653 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 54.7884, 49.5539, 33.4653

Background



This preview shows how black text looks on a background with the XYZ color 54.7884, 49.5539, 33.4653.



This preview shows how white text looks on a background with the XYZ color 54.7884, 49.5539,

33.4653.

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

54.7884, 49.5539, 33.4653

Protanopia

46.7265, 49.8134, 36.8580

Deuteranopia

50.8705, 49.8718, 33.3306



Tritanopia

57.9921, 49.4580, 49.6698

Trichromacy



Original Color

54.7884, 49.5539, 33.4653

Protanomaly

49.3041, 49.6229, 35.4133

Deuteranomaly

52.1202, 49.6266, 33.2174

Tritanomaly

56.7596, 49.5167, 43.1253

Monochromacy



Original Color

54.7884, 49.5539, 33.4653

Achromatopsia

47.7994, 50.2886, 54.7643

Achromatomaly

49.6279, 49.5563, 45.9794

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.7884, 49.5539, 33.4653 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(237, 172, 145)` looks like.

```
.text, #text, p{  
    color:rgb(237, 172, 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(237, 172, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 172, 145) }
```

Border

The CSS property to change the border of an element to XYZ 54.7884, 49.5539, 33.4653 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(237, 172, 145) }
```


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

```
.border{ border-color:rgb(237, 172, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 172, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 172, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 172, 145);  
box-shadow:4px 4px 4px 4px rgb(237, 172,  
145) }
```

Background

The CSS property to change the background color of an element to XYZ 54.7884, 49.5539, 33.4653 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 172, 145) }
```

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

```
.background{ background-color: rgb(237,  
172, 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](#).

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