

Converting Colors

XYZ(53.9030, 49.6198, 33.9307)

Have a look what the booklet for
XYZ(53.9030, 49.6198, 33.9307)
contains.

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Color

**XYZ(53.9286, 49.6711,
33.9393)**

Conversions

Conversions Part 1

Format	Color
Hex	E9AE92
RGB	233, 174, 146
RGB Percent	91%, 68%, 57%
CMY	0.0863, 0.3176, 0.4274
CMYK	0.00, 0.25, 0.37, 0.09
HSL	19°, 66%, 74%
HSV	19°, 37%, 91%
XYZ	53.9286, 49.6711, 33.9393
YIQ	188.4490, 44.1520, 3.8000

Conversions

Conversions Part 2

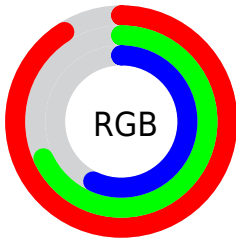
Format	Color
R _Y B	233, 187, 146
Decimal	15314578
CIE Lab	75.87, 17.96, 22.79
CIE LCh	76, 29.010, 51.762
Yxy	49.6711, 0.3921, 0.3611
Android (android.graphics.Color)	4293504658 (0xFFE9AE92)
YUV	188.4490, -20.9274, 39.0712
Hunter-Lab	70.4777, 13.2498, 20.7827

Details

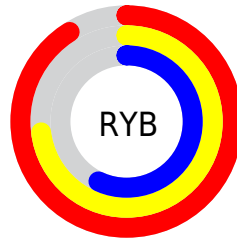
The XYZ color **53.9286, 49.6711, 33.9393** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **48.3924, 55.6546, 85.2825**, and the grayscale version is **48.1543, 50.6621, 55.1710**.

A 20% lighter version of the original color is **79.9621, 82.0238, 66.2613**, and **26.8074, 23.7311, 13.9941** is the 20% darker color. If you saturate the color by 10%, you get **49.4228, 43.2704, 24.3883**, and if you desaturate by 10%, it is **59.1654, 56.9424, 45.5573**.

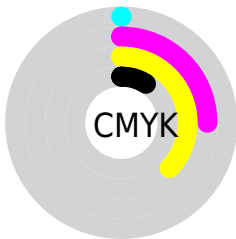
Distribution



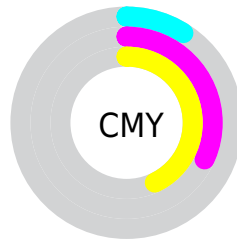
- Red (91%)
- Green (68%)
- Blue (57%)



- 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 53.9286, 49.6711, 33.9393 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 53.9286, 49.6711, 33.9393 by changing the saturation by 10% instead.

 53.9286, 49.6711,
33.9393


 53.9286, 49.6711,
33.9393


392.0405,
385.3783, 334.6222

 38.7750, 35.1521,
22.5700


 95.1269, 89.6874,
66.9721

 26.7647, 23.7801,
14.0740


 121.9024,
115.9535, 89.4726

 17.5323, 15.1706,
8.0328


153.2825,
146.9041, 116.5207

 10.7123, 8.9392,
4.0279

189.6326,
182.9236, 148.5347

 5.9396, 4.7015,
1.6407

231.3181,
224.3963, 185.9334

 2.8487, 2.0732,
0.3196

278.7044,

 1.0743, 0.6495,

271.7068, 229.1352

0.0000

332.1567,
325.2393, 278.5586

■ 0.0034, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 53.9286, 49.6711,
33.9393

■ 53.9286, 49.6711,
33.9393

■ 49.4228, 43.2704,
24.3883

■ 59.1654, 56.9424,
45.5573

■ 45.6092, 37.6994,
16.7781

■ 65.1619, 65.1091,
59.3522

■ 42.4509, 32.9242,
10.9736

■ 71.9498, 74.2036,
75.4296

■ 39.9057, 28.9057,
6.8204

■ 79.5576, 84.2547,
93.8872

■ 37.9251, 25.6006,
4.1377

■ 86.7810, 94.7972,
108.3316

■ 36.4492, 22.9592,
2.6886

■ 87.4142, 96.0636,
108.5427

■ 36.1204, 22.3561,
2.4114

Harmonies

Analogous

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



57.5181, 49.6711, 43.7971



53.9286, 49.6711, 33.9393



48.7133, 49.6711, 29.6823

Triad

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



53.9286, 49.6711, 33.9393



37.6684, 49.6711, 49.9362



51.1633, 49.6711, 86.6428

Complementary

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



53.9286, 49.6711, 33.9393



48.3924, 55.6546, 85.2825

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.



45.7397, 49.6711, 89.1464



53.9286, 49.6711, 33.9393



38.2150, 49.6711, 65.8660

Square

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



53.9286, 49.6711, 33.9393



39.5209, 49.6711, 37.6971



41.0756, 49.6711, 80.9429



55.8388, 49.6711, 74.6395

Rectangle

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



53.9286, 49.6711, 33.9393



45.1272, 49.6711, 29.8955



41.0756, 49.6711, 80.9429



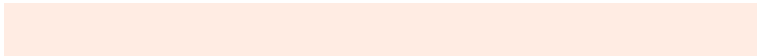
49.3578, 49.6711, 88.7043

Sweetspot

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



53.9299, 49.6735, 33.9403



85.0877, 86.7823, 84.9029



54.9572, 42.3114, 63.3134



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.



53.9299, 49.6735, 33.9403



61.7514, 54.6794, 32.2072



63.6184, 69.0505, 37.1698



15.4613, 15.8456, 15.7623



20.5950, 12.8842, 1.4014



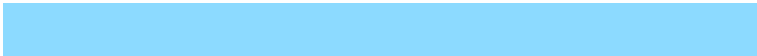
1.7014, 1.1802, 0.1381

Inverse Universe

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



48.3924, 55.6546, 85.2825



53.9949, 62.9922, 103.9206



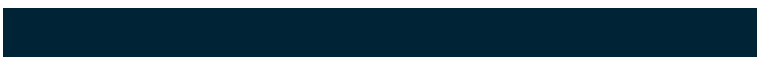
39.4740, 37.8178, 82.3097



15.0852, 16.2569, 19.2651



15.4001, 17.4472, 46.2989



1.2957, 1.5429, 3.6644

Previews

White Background



This preview shows how the XYZ color 53.9286, 49.6711, 33.9393 looks on a white background.

Color Contrast Check

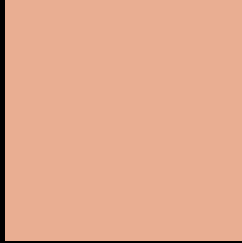
Large Text (above 18pt) WCAG AA × Fail

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 53.9286, 49.6711, 33.9393 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

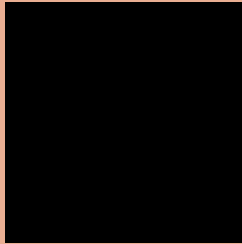
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.9286, 49.6711, 33.9393

Background



This preview shows how black text looks on a background with the XYZ color 53.9286, 49.6711, 33.9393.



This preview shows how white text looks on a background with the XYZ color 53.9286, 49.6711,

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

53.9286, 49.6711, 33.9393

Protanopia

46.9910, 49.9498, 36.8703

Deuteranopia

50.9473, 49.9025, 33.7350



Tritanopia

57.5565, 49.7579, 50.8266

Trichromacy



Original Color

53.9286, 49.6711, 33.9393

Protanomaly

49.0969, 49.5068, 35.8222

Deuteranomaly

52.0826, 49.8927, 33.6733

Tritanomaly

56.3164, 49.8233, 44.1848

Monochromacy



Original Color

53.9286, 49.6711, 33.9393

Achromatopsia

47.7994, 50.2886, 54.7643

Achromatomaly

49.3782, 49.7215, 46.5299

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.9286, 49.6711, 33.9393 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, 174, 146)` looks like.

```
.text, #text, p{  
    color:rgb(233, 174, 146)  
}
```

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, 174, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 174, 146) }
```

Border

The CSS property to change the border of an element to XYZ 53.9286, 49.6711, 33.9393 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, 174, 146) }
```


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

```
.border{ border-color:rgb(233, 174, 146) }
```

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

Here you see how a box with a 4 pixel rgb(233, 174, 146) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 174, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 174, 146);  
box-shadow:4px 4px 4px 4px rgb(233, 174,  
146) }
```

Background

The CSS property to change the background color of an element to XYZ 53.9286, 49.6711, 33.9393 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 174, 146) }
```

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

```
.background{ background-color: rgb(233,  
174, 146) }
```

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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