

Converting Colors

XYZ(53.5235, 49.5874, 31.5616)

Have a look what the booklet for
XYZ(53.5235, 49.5874, 31.5616)
contains.

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Color

**XYZ(53.4739, 49.4892,
31.5449)**

Conversions

Conversions Part 1

Format	Color
Hex	E9AE8C
RGB	233, 174, 140
RGB Percent	91%, 68%, 55%
CMY	0.0863, 0.3176, 0.4510
CMYK	0.00, 0.25, 0.40, 0.09
HSL	22°, 68%, 73%
HSV	22°, 40%, 91%
XYZ	53.4739, 49.4892, 31.5449
YIQ	187.7650, 46.0780, 1.9340

Conversions

Conversions Part 2

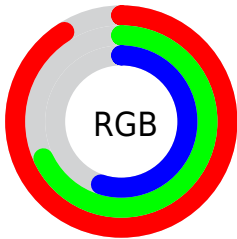
Format	Color
R _Y B	233, 194, 140
Decimal	15314572
CIE Lab	75.75, 17.27, 25.86
CIE LCh	76, 31.097, 56.260
Yxy	49.4892, 0.3976, 0.3679
Android (android.graphics.Color)	4293504652 (0xFFE9AE8C)
YUV	187.7650, -23.5481, 39.6711
Hunter-Lab	70.3486, 12.5728, 22.6578

Details

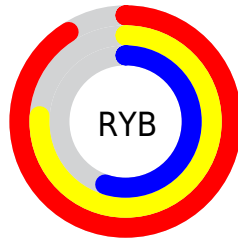
The XYZ color **53.4739, 49.4892, 31.5449** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **45.9457, 52.3033, 84.7645**, and the grayscale version is **47.7788, 50.2670, 54.7407**.

A 20% lighter version of the original color is **79.2744, 81.7487, 62.6398**, and **26.3620, 23.5269, 12.8246** is the 20% darker color. If you saturate the color by 10%, you get **49.2345, 43.4749, 22.5343**, and if you desaturate by 10%, it is **58.3938, 56.2822, 42.5780**.

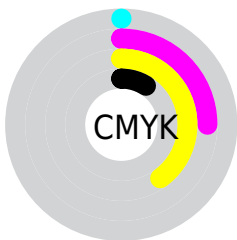
Distribution



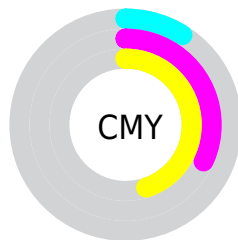
- Red (91%)
- Green (68%)
- Blue (55%)



- Red (91%)
- Yellow (76%)
- Blue (55%)



- Cyan (0%)
- Magenta (25%)
- Yellow (40%)
- Black (9%)





- Cyan (9%)
- Magenta (32%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.4739, 49.4892, 31.5449 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 53.4739, 49.4892, 31.5449 by changing the saturation by 10% instead.


 53.4739, 49.4892,
31.5449


 53.4739, 49.4892,
31.5449


390.3318,
384.6650, 323.4695


 38.4102, 35.0077,
20.7522


 94.4628, 89.4176,
63.1865

 26.4799, 23.6688,
12.7535


 121.1187,
115.6333, 84.8726

 17.3175, 15.0881,
7.1303


 152.3693,
146.5291, 111.0268

 10.5579, 8.8813,
3.4640


188.5801,
182.4896, 142.0677

 5.8355, 4.6638,
1.3362

230.1164,
223.8990, 178.4139

 2.7850, 2.0514,
0.0912

277.3436,

 1.0411, 0.6371,

271.1418, 220.4839

0.0000

330.6269,
324.6023, 268.6962

0.0000, 0.0000,
0.0000

53.4739, 49.4892,
31.5449

53.4739, 49.4892,
31.5449

49.2345, 43.4749,
22.5343

58.3938, 56.2822,
42.5780

45.6387, 38.2028,
15.4179

64.0213, 63.8745,
55.7450

42.6510, 33.6434,
10.0570

70.3863, 72.2949,
71.1529

40.2309, 29.7624,
6.2927

77.5160, 81.5684,
88.9004

38.3311, 26.5219,
3.9362

85.1933, 91.6218,
107.8024

■ 36.8793, 23.8722,
2.6698

■ 87.4142, 96.0636,
108.5426

■ 36.8681, 23.8515,
2.6606

Harmonies

Analogous

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



57.7066, 49.4892, 41.0133



53.4739, 49.4892, 31.5449



47.7656, 49.4892, 27.9893

Triad

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



53.4739, 49.4892, 31.5449



36.8121, 49.4892, 51.8388



52.1199, 49.4892, 87.7017

Complementary

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



53.4739, 49.4892, 31.5449



45.9457, 52.3033, 84.7645

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.



46.3179, 49.4892, 92.2210



53.4739, 49.4892, 31.5449



37.7727, 49.4892, 69.2028

Square

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



53.4739, 49.4892, 31.5449



38.4015, 49.4892, 38.0923



41.1404, 49.4892, 84.8645



56.8811, 49.4892, 73.5324

Rectangle

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



53.4739, 49.4892, 31.5449



43.9993, 49.4892, 28.7740



41.1404, 49.4892, 84.8645



50.2135, 49.4892, 90.5101

Sweetspot

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



53.4752, 49.4916, 31.5459



84.6261, 86.4180, 83.0258



53.4605, 40.2714, 59.8754



17.8883, 18.2003, 17.2223



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.



53.4752, 49.4916, 31.5459



61.2385, 54.5273, 29.3429



63.6825, 69.9062, 34.9483



15.5164, 15.9559, 15.7807



21.0277, 13.7497, 1.5457



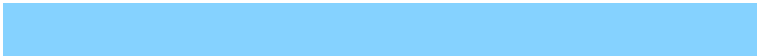
1.7401, 1.2575, 0.1510

Inverse Universe

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



45.9457, 52.3033, 84.7645



50.7669, 58.3881, 103.2021



37.0709, 34.5538, 81.8063



15.0278, 16.1420, 19.2459



14.4592, 15.5654, 45.9853



1.2265, 1.4044, 3.6413

Previews

White Background



This preview shows how the XYZ color 53.4739, 49.4892, 31.5449 looks on a white background.

Color Contrast Check

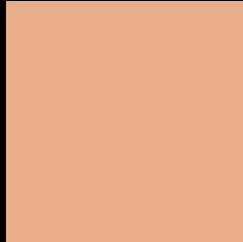
Large Text (above 18pt) WCAG AA × Fail

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 53.4739, 49.4892, 31.5449 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 53.4739, 49.4892, 31.5449

Background



This preview shows how black text looks on a background with the XYZ color 53.4739, 49.4892, 31.5449.



This preview shows how white text looks on a background with the XYZ color 53.4739, 49.4892,

31.5449.

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

53.4739, 49.4892, 31.5449

Protanopia

46.5118, 49.7581, 34.3470

Deuteranopia

50.5991, 49.4764, 31.3091



Tritanopia

57.2682, 49.3460, 50.2224

Trichromacy



Original Color

53.4739, 49.4892, 31.5449

Protanomaly

48.6260, 49.3184, 33.3421

Deuteranomaly

51.4337, 49.3159, 31.2342

Tritanomaly

55.8497, 49.3355, 42.6555

Monochromacy



Original Color

53.4739, 49.4892, 31.5449

Achromatopsia

47.7994, 50.2886, 54.7643

Achromatomaly

49.1860, 49.6446, 45.5181

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.4739, 49.4892, 31.5449 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, 140)` looks like.

```
.text, #text, p{  
    color:rgb(233, 174, 140)  
}
```

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, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 174, 140) }
```

Border

The CSS property to change the border of an element to XYZ 53.4739, 49.4892, 31.5449 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, 140) }
```


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

```
.border{ border-color:rgb(233, 174, 140) }
```

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, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 174, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 174, 140);  
box-shadow:4px 4px 4px 4px rgb(233, 174,  
140) }
```

Background

The CSS property to change the background color of an element to XYZ 53.4739, 49.4892, 31.5449 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, 140) }
```

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

```
.background{ background-color: rgb(233,  
174, 140) }
```

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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