

Converting Colors

XYZ(53.2661, 49.8637, 38.3928)

Have a look what the booklet for
XYZ(53.2661, 49.8637, 38.3928)
contains.

XYZ(53.2046, 49.7819, 38.2572)	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(53.2046, 49.7819,
38.2572)**

Conversions

Conversions Part 1

Format	Color
Hex	E3B09C
RGB	227, 176, 156
RGB Percent	89%, 69%, 61%
CMY	0.1098, 0.3098, 0.3882
CMYK	0.00, 0.22, 0.31, 0.11
HSL	17°, 56%, 75%
HSV	17°, 31%, 89%
XYZ	53.2046, 49.7819, 38.2572
YIQ	188.9690, 36.8160, 4.5920

Conversions

Conversions Part 2

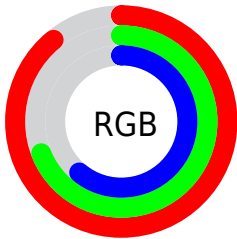
Format	Color
R _Y B	227, 184, 156
Decimal	14921884
CIE Lab	75.94, 15.80, 17.38
CIE LCh	76, 23.489, 47.727
Yxy	49.7819, 0.3767, 0.3525
Android (android.graphics.Color)	4293111964 (0xFFE3B09C)
YUV	188.9690, -16.2537, 33.3532
Hunter-Lab	70.5563, 11.1285, 17.2410

Details

The XYZ color **53.2046, 49.7819, 38.2572** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **49.8874, 57.2376, 81.0916**, and the grayscale version is **48.4285, 50.9505, 55.4851**.

A 20% lighter version of the original color is **81.8545, 83.6764, 73.4650**, and **26.2103, 23.7319, 16.5639** is the 20% darker color. If you saturate the color by 10%, you get **48.4522, 43.0711, 28.0595**, and if you desaturate by 10%, it is **58.7028, 57.4090, 50.4768**.

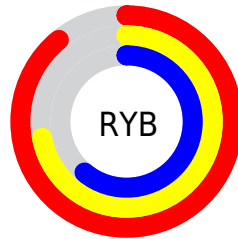
Distribution



Red (89%)

Green (69%)

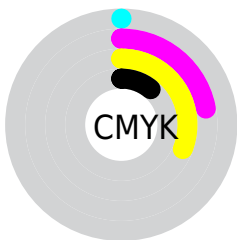
Blue (61%)



Red (89%)

Yellow (72%)

Blue (61%)

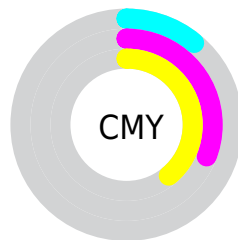


Cyan (0%)

Magenta (22%)

Yellow (31%)

Black (11%)



Cyan (11%)


Magenta (31%)


Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 53.2046, 49.7819, 38.2572 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 53.2046, 49.7819, 38.2572 by changing the saturation by 10% instead.


 53.2046, 49.7819,
38.2572

 53.2046, 49.7819,
38.2572


389.3176,
385.8124, 354.0532

 38.1943, 35.2401,
25.8790

 94.0691, 89.8516,
73.7100

 26.3114, 23.8479,
16.5082


 120.6540,
116.1484, 97.6216

 17.1906, 15.2208,
9.7262


151.8278,
147.1323, 126.2148

 10.4667, 8.9745,
5.1146

187.9558,
183.1877, 159.9082

 5.7741, 4.7246,
2.2547

229.4035,
224.6990, 199.1201

 2.7475, 2.0866,
0.7057

276.5361,

 1.0217, 0.6571,

272.0507, 244.2692

0.0000

329.7190,
325.6270, 295.7741

■ 0.0000, 0.0000,
0.0000

■ 53.2046, 49.7819,
38.2572

■ 53.2046, 49.7819,
38.2572

■ 48.4522, 43.0711,
28.0595

■ 58.7028, 57.4090,
50.4768

■ 44.4082, 37.2344,
19.7705

■ 64.9743, 65.9786,
64.8169

■ 41.0374, 32.2368,
13.2706

■ 72.0499, 75.5244,
81.3734

■ 38.3000, 28.0379,
8.4249

■ 79.9575, 86.0762,
100.2353

■ 36.1515, 24.5937,
5.0795

■ 85.4885, 95.0709,
108.4525

■ 34.5403, 21.8553,
3.0506

■ 33.5096, 19.9931,
2.0929

Harmonies

Analogous

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



55.7916, 49.7819, 47.1930



53.2046, 49.7819, 38.2572



49.1274, 49.7819, 33.9028

Triad

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



53.2046, 49.7819, 38.2572



39.5616, 49.7819, 49.2415



49.9246, 49.7819, 80.5489

Complementary

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



53.2046, 49.7819, 38.2572



49.8874, 57.2376, 81.0916

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.



45.5501, 49.7819, 81.3243



53.2046, 49.7819, 38.2572



39.7458, 49.7819, 61.8772

Square

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



53.2046, 49.7819, 38.2572



41.3594, 49.7819, 39.5570



41.8791, 49.7819, 74.0611



53.8192, 49.7819, 72.0825

Rectangle

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



53.2046, 49.7819, 38.2572



46.1939, 49.7819, 33.6606



41.8791, 49.7819, 74.0611



48.4565, 49.7819, 81.7600

Sweetspot

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



53.2059, 49.7842, 38.2582



86.5377, 88.5392, 88.9099



54.9607, 44.6657, 65.4423



18.2456, 18.5757, 18.3872



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.



53.2059, 49.7842, 38.2582



64.8535, 58.5986, 40.2854



60.8332, 65.0388, 40.8006



14.7060, 15.0258, 15.0296



19.6283, 11.8307, 1.2490



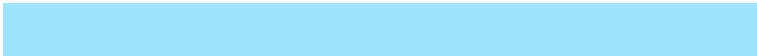
1.5273, 1.0279, 0.1179

Inverse Universe

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



49.8874, 57.2376, 81.0916



59.8305, 69.8198, 104.9309



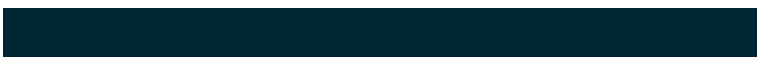
42.4365, 42.3358, 78.6080



14.4463, 15.6139, 18.3967



15.8323, 18.7266, 45.1633



1.2477, 1.5393, 3.3633

Previews

White Background



This preview shows how the XYZ color 53.2046, 49.7819, 38.2572 looks on a white background.

Color Contrast Check

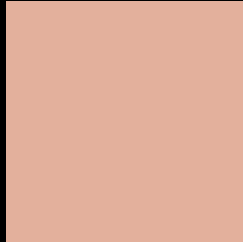
Large Text (above 18pt) WCAG AA × Fail

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 53.2046, 49.7819, 38.2572 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

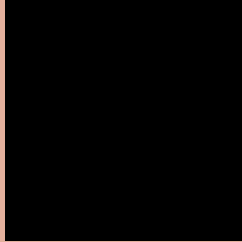
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 53.2046, 49.7819, 38.2572

Background



This preview shows how black text looks on a background with the XYZ color 53.2046, 49.7819, 38.2572.



This preview shows how white text looks on a background with the XYZ color 53.2046, 49.7819,

38.2572.

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

53.2046, 49.7819, 38.2572

Protanopia

47.2293, 49.9842, 40.8769

Deuteranopia

50.8529, 49.7608, 37.9349



Tritanopia

56.1426, 49.8308, 52.5582

Trichromacy



Original Color

53.2046, 49.7819, 38.2572

Protanomaly

49.2039, 49.7801, 39.8161

Deuteranomaly

51.8553, 49.9789, 37.9242

Tritanomaly

54.8967, 49.6011, 46.7250

Monochromacy



Original Color

53.2046, 49.7819, 38.2572

Achromatopsia

48.3692, 50.8881, 55.4172

Achromatomaly

49.7049, 50.1518, 48.6555

CSS Examples

Text

The CSS property to change the color of the text to XYZ 53.2046, 49.7819, 38.2572 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(227, 176, 156)` looks like.

```
.text, #text, p{  
    color:rgb(227, 176, 156)  
}
```

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(227, 176, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 176, 156) }
```

Border

The CSS property to change the border of an element to XYZ 53.2046, 49.7819, 38.2572 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(227, 176, 156) }
```


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

```
.border{ border-color:rgb(227, 176, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 176, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 176, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 176, 156);  
box-shadow:4px 4px 4px 4px rgb(227, 176,  
156) }
```

Background

The CSS property to change the background color of an element to XYZ 53.2046, 49.7819, 38.2572 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 176, 156) }
```

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

```
.background{ background-color: rgb(227,  
176, 156) }
```

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