

Converting Colors

XYZ(54.3346, 51.8445, 23.4541)

Have a look what the booklet for
XYZ(54.3346, 51.8445, 23.4541)
contains.

XYZ(54.3408, 51.8848, 23.3704)	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(54.3408, 51.8848,
23.3704)**

Conversions

Conversions Part 1

Format	Color
Hex	EDB473
RGB	237, 180, 115
RGB Percent	93%, 71%, 45%
CMY	0.0706, 0.2941, 0.5490
CMYK	0.00, 0.24, 0.51, 0.07
HSL	32°, 77%, 69%
HSV	32°, 51%, 93%
XYZ	54.3408, 51.8848, 23.3704
YIQ	189.6330, 54.8370, -8.1310

Conversions

Conversions Part 2

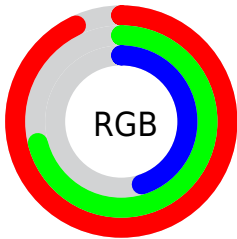
Format	Color
R _Y B	222, 237, 115
Decimal	15578227
CIE Lab	77.21, 13.21, 40.96
CIE LCh	77, 43.040, 72.127
Yxy	51.8848, 0.4193, 0.4004
Android (android.graphics.Color)	4293768307 (0xFFEDB473)
YUV	189.6330, -36.7941, 41.5409
Hunter-Lab	72.0311, 8.6073, 31.1852

Details

The XYZ color **54.3408, 51.8848, 23.3704** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **37.1082, 39.2628, 85.7431**, and the grayscale version is **48.9163, 51.4638, 56.0440**.

A 20% lighter version of the original color is **78.3033, 84.0781, 49.1474**, and **26.9036, 25.0254, 8.4134** is the 20% darker color. If you saturate the color by 10%, you get **51.0021, 47.1165, 16.3723**, and if you desaturate by 10%, it is **58.2112, 57.1555, 32.2762**.

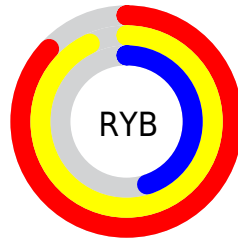
Distribution



Red (93%)

Green (71%)

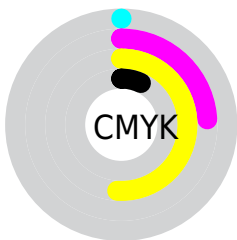
Blue (45%)



Red (87%)

Yellow (93%)

Blue (45%)

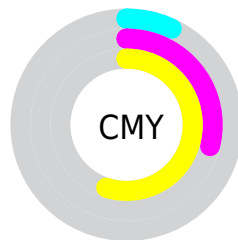


Cyan (0%)

Magenta (24%)

Yellow (51%)

Black (7%)



Cyan (7%)


Magenta (29%)


Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 54.3408, 51.8848, 23.3704 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 54.3408, 51.8848, 23.3704 by changing the saturation by 10% instead.


 54.3408, 51.8848,
23.3704


 54.3408, 51.8848,
23.3704


393.5854,
393.9917, 282.8051


 39.1059, 36.9133,
14.6594

 95.7284, 92.9613,
49.9317

 27.0233, 25.1403,
8.4367


 122.6119,
119.8351, 68.6190

 17.7274, 16.1816,
4.2839


 154.1089,
151.4451, 91.4689

 10.8529, 9.6528,
1.7823

190.5849,
188.1756, 118.8999

 6.0346, 5.1694,
0.4163

232.4052,
230.4112, 151.3304

 2.9070, 2.3470,
0.0000

279.9352,

 1.1048, 0.7984,

278.5361, 189.1791

0.0000

333.5401,
332.9348, 232.8645

■ 0.0291, 0.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 54.3408, 51.8848,
23.3704

■ 54.3408, 51.8848,
23.3704

■ 51.0021, 47.1165,
16.3723

■ 58.2112, 57.1555,
32.2762

■ 48.1596, 42.8238,
11.1329


■ 62.6380, 62.9389,
43.2171

■ 45.7789, 38.9879,
7.4859


■ 67.6488, 69.2541,
56.3132


■ 43.8176, 35.5848,
5.2304

■ 73.2678, 76.1171,
71.6739

 42.4217, 32.9981,
4.1334

 79.5178, 83.5426,
89.4016

 86.0639, 91.4025,
107.7141

 88.7349, 96.7445,
108.6045

Harmonies

Analogous

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



62.0279, 51.8848, 31.1898



54.3408, 51.8848, 23.3704



46.0600, 51.8848, 22.7226

Triad

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



54.3408, 51.8848, 23.3704



35.3862, 51.8848, 66.5752



60.7279, 51.8848, 97.2865

Complementary

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



54.3408, 51.8848, 23.3704



37.1082, 39.2628, 85.7431

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.



52.7198, 51.8848, 113.5036



54.3408, 51.8848, 23.3704



38.4698, 51.8848, 92.7363

Square

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



54.3408, 51.8848, 23.3704



35.7168, 51.8848, 43.6768



44.6089, 51.8848, 111.6386



65.9888, 51.8848, 71.6008

Rectangle

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



54.3408, 51.8848, 23.3704



41.3578, 51.8848, 26.1137



44.6089, 51.8848, 111.6386



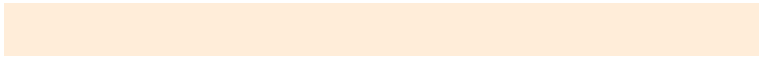
58.2324, 51.8848, 104.3100

Sweetspot

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



54.3421, 51.8873, 23.3714



84.0539, 86.9009, 77.8187



48.6927, 33.3211, 43.8931



17.6893, 18.2322, 15.8305



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.



54.3421, 51.8873, 23.3714



59.9455, 55.2261, 18.7851



67.6285, 79.4624, 27.9937



15.7300, 16.3831, 15.8519



23.2936, 18.2814, 2.3010



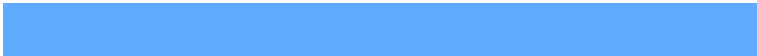
1.9253, 1.6279, 0.2127

Inverse Universe

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



37.1082, 39.2628, 85.7431



37.4866, 38.7909, 100.1194



28.7579, 22.1607, 82.8822



14.8113, 15.7091, 19.1738



11.5612, 9.7695, 45.0193



1.0033, 0.9581, 3.5669

Previews

White Background



This preview shows how the XYZ color 54.3408, 51.8848, 23.3704 looks on a white background.

Color Contrast Check

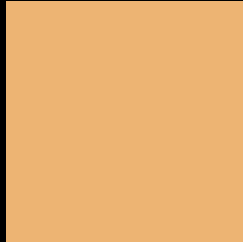
Large Text (above 18pt) WCAG AA × Fail

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 54.3408, 51.8848, 23.3704 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 54.3408, 51.8848, 23.3704

Background



This preview shows how black text looks on a background with the XYZ color 54.3408, 51.8848, 23.3704.



This preview shows how white text looks on a background with the XYZ color 54.3408, 51.8848,

23.3704.

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

54.3408, 51.8848, 23.3704

Protanopia

47.9730, 52.0034, 24.9620

Deuteranopia

53.1012, 51.8495, 23.4289



Tritanopia

60.2820, 51.6833, 52.6976

Trichromacy



Original Color

54.3408, 51.8848, 23.3704

Protanomaly

50.2538, 51.9087, 24.5103

Deuteranomaly

53.5501, 51.7780, 23.3914

Tritanomaly

57.7568, 51.5109, 40.1562

Monochromacy



Original Color

54.3408, 51.8848, 23.3704

Achromatopsia

48.9429, 51.4918, 56.0745

Achromatomaly

49.9019, 51.0276, 41.8695

CSS Examples

Text

The CSS property to change the color of the text to XYZ 54.3408, 51.8848, 23.3704 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, 180, 115)` looks like.

```
.text, #text, p{  
    color:rgb(237, 180, 115)  
}
```

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, 180, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 180, 115) }
```

Border

The CSS property to change the border of an element to XYZ 54.3408, 51.8848, 23.3704 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, 180, 115) }
```


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

```
.border{ border-color:rgb(237, 180, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 180, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 180, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 180, 115);  
box-shadow:4px 4px 4px 4px rgb(237, 180,  
115) }
```

Background

The CSS property to change the background color of an element to XYZ 54.3408, 51.8848, 23.3704 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 180, 115) }
```

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

```
.background{ background-color: rgb(237,  
180, 115) }
```

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