

Converting Colors

XYZ(47.5889, 45.7099, 39.1156)

Have a look what the booklet for
XYZ(47.5889, 45.7099, 39.1156)
contains.

XYZ(47.5889, 45.7099, 39.1156)	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(47.5889, 45.7099,
39.1156)**

Conversions

Conversions Part 1

Format	Color
Hex	D2AC9F
RGB	210, 172, 159
RGB Percent	82%, 67%, 62%
CMY	0.1765, 0.3255, 0.3765
CMYK	0.00, 0.18, 0.24, 0.18
HSL	15°, 36%, 72%
HSV	15°, 24%, 82%
XYZ	47.5889, 45.7099, 39.1156
YIQ	181.8800, 26.8210, 4.0130

Conversions

Conversions Part 2

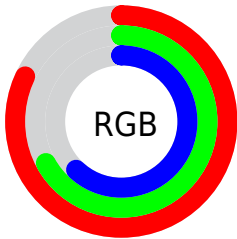
Format	Color
R_{YB}	210, 176, 159
Decimal	13806751
CIE _{Lab}	73.36, 11.87, 11.89
CIE _{LCh}	73, 16.801, 45.035
Yxy	45.7099, 0.3594, 0.3452
Android (android.graphics.Color)	4291996831 (0xFFD2AC9F)
YUV	181.8800, -11.2798, 24.6612
Hunter-Lab	67.6091, 7.3272, 13.0238

Details

The XYZ color **47.5889, 45.7099, 39.1156** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **45.8968, 51.9552, 68.5824**, and the grayscale version is **44.4484, 46.7631, 50.9251**.

A 20% lighter version of the original color is **80.8467, 81.0532, 75.0021**, and **22.9408, 21.4842, 17.1251** is the 20% darker color. If you saturate the color by 10%, you get **43.1150, 39.4346, 29.3845**, and if you desaturate by 10%, it is **52.7255, 52.8144, 50.5960**.

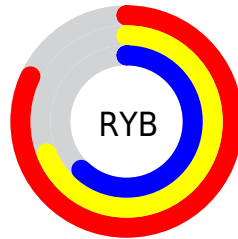
Distribution



Red (82%)

Green (67%)

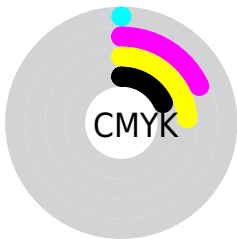
Blue (62%)



Red (82%)

Yellow (69%)

Blue (62%)

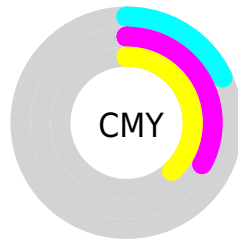


Cyan (0%)

Magenta (18%)

Yellow (24%)

Black (18%)



Cyan (18%)


Magenta (33%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 47.5889, 45.7099, 39.1156 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 47.5889, 45.7099, 39.1156 by changing the saturation by 10% instead.


 47.5889, 45.7099,
39.1156


 47.5889, 45.7099,
39.1156


367.7701,
369.6411, 357.8223

 33.7113, 32.0170,
26.5411


 85.8054, 83.7847,
75.0372

 22.8338, 21.3745,
16.9995

 110.8751,
108.9353, 99.2214

 14.5908, 13.3980,
10.0722


140.4061,
138.6739, 128.1126

 8.6172, 7.7032,
5.3406

174.7640,
173.3850, 162.1293

 4.5474, 3.9056,
2.3863

214.3139,
213.4528, 201.6901

 2.0163, 1.6209,
0.7789

259.4214,

 0.6431, 0.3716,

259.2619, 247.2135

0.0000

310.4516,
311.1965, 299.1181

■ 0.0000, 0.0000,
0.0000

■ 47.5889, 45.7099,
39.1156

■ 47.5889, 45.7099,
39.1156

■ 43.1150, 39.4346,
29.3845

■ 52.7255, 52.8144,
50.5960

■ 39.2723, 33.9517,
21.3135

■ 58.5472, 60.7707,
63.9034

■ 36.0322, 29.2310,
14.8097

■ 65.0797, 69.6082,
79.1140

■ 33.3625, 25.2376,
9.7698

■ 72.3466, 79.3532,
96.2989

■ 31.2274, 21.9341,
6.0780

■ 78.8863, 89.4374,
107.7131

■ 29.5868, 19.2792,
3.6008

■ 80.3885, 92.4417,
108.2139

■ 28.3941, 17.2267,
2.1764

■ 27.8766, 16.2980,
1.6766

Harmonies

Analogous

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



49.1714, 45.7099, 45.6648



47.5889, 45.7099, 39.1156



44.9307, 45.7099, 35.6387

Triad

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



47.5889, 45.7099, 39.1156



38.1814, 45.7099, 45.6827



44.9375, 45.7099, 67.2104

Complementary

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



47.5889, 45.7099, 39.1156



45.8968, 51.9552, 68.5824

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.



41.9941, 45.7099, 67.2166



47.5889, 45.7099, 39.1156



38.1830, 45.7099, 54.1148

Square

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



47.5889, 45.7099, 39.1156



39.5460, 45.7099, 39.1274



39.5506, 45.7099, 62.2029



47.5940, 45.7099, 62.1868

Rectangle

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



47.5889, 45.7099, 39.1156



42.9489, 45.7099, 35.2483



39.5506, 45.7099, 62.2029



43.9467, 45.7099, 67.8164

Sweetspot

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



47.5901, 45.7120, 39.1165



88.2113, 90.7099, 93.0952



49.0837, 42.5412, 58.5983



18.7602, 19.2510, 19.6493



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.



47.5901, 45.7120, 39.1165



70.2181, 65.8632, 52.7549



52.8598, 56.2514, 40.8731



12.0503, 12.2912, 12.3494



17.0731, 10.0793, 1.0456



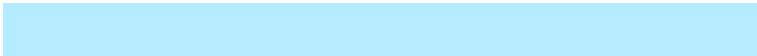
1.0194, 0.6932, 0.0801

Inverse Universe

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



45.8968, 51.9552, 68.5824



67.1547, 77.1237, 105.9547



40.6365, 41.4346, 66.8290



11.8926, 12.8754, 15.1020



14.4785, 17.6036, 39.8272



0.8711, 1.1075, 2.2474

Previews

White Background



This preview shows how the XYZ color 47.5889, 45.7099, 39.1156 looks on a white background.

Color Contrast Check

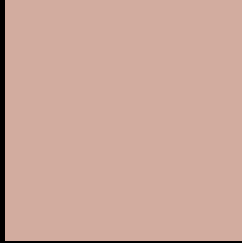
Large Text (above 18pt) WCAG AA × Fail

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 47.5889, 45.7099, 39.1156 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

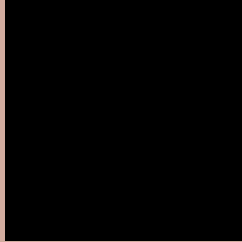
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 47.5889, 45.7099, 39.1156

Background



This preview shows how black text looks on a background with the XYZ color 47.5889, 45.7099, 39.1156.



This preview shows how white text looks on a background with the XYZ color 47.5889, 45.7099,

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

47.5889, 45.7099, 39.1156

Protanopia

43.6712, 45.9782, 41.2233

Deuteranopia

46.8477, 45.8971, 39.1908



Tritanopia

50.0720, 45.8995, 50.4764

Trichromacy



Original Color

47.5889, 45.7099, 39.1156

Protanomaly

45.0087, 45.7887, 40.6483

Deuteranomaly

46.9337, 45.6557, 39.1397

Tritanomaly

49.1661, 45.8025, 46.2938

Monochromacy



Original Color

47.5889, 45.7099, 39.1156

Achromatopsia

44.4628, 46.7784, 50.9417

Achromatomaly

45.2986, 46.1032, 46.5557

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.5889, 45.7099, 39.1156 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(210, 172, 159)` looks like.

```
.text, #text, p{  
    color:rgb(210, 172, 159)  
}
```

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(210, 172, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 172, 159) }
```

Border

The CSS property to change the border of an element to XYZ 47.5889, 45.7099, 39.1156 is called "border". The border property can be set on classes, ids or directly on the HTML element.

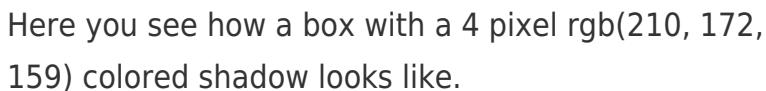
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(210, 172, 159) }
```


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

```
.border{ border-color:rgb(210, 172, 159) }
```

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



Here you see how a box with a 4 pixel `rgb(210, 172, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 172, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 172, 159);  
box-shadow:4px 4px 4px 4px rgb(210, 172,  
159) }
```

Background

The CSS property to change the background color of an element to XYZ 47.5889, 45.7099, 39.1156 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 172, 159) }
```

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

```
.background{ background-color: rgb(210,  
172, 159) }
```

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