

Converting Colors

XYZ(47.7199, 44.8487, 39.3943)

Have a look what the booklet for
XYZ(47.7199, 44.8487, 39.3943)
contains.

XYZ(47.6845, 44.9110, 39.4132)	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(47.6845, 44.9110,
39.4132)**

Conversions

Conversions Part 1

Format	Color
Hex	D4A9A0
RGB	212, 169, 160
RGB Percent	83%, 66%, 63%
CMY	0.1686, 0.3372, 0.3725
CMYK	0.00, 0.20, 0.25, 0.17
HSL	10°, 38%, 73%
HSV	10°, 25%, 83%
XYZ	47.6845, 44.9110, 39.4132
YIQ	180.8310, 28.5170, 6.3170

Conversions

Conversions Part 2

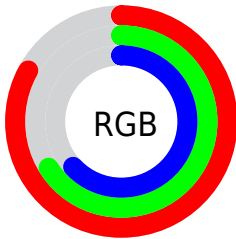
Format	Color
R _Y B	212, 171, 160
Decimal	13937056
CIE Lab	72.83, 14.40, 10.63
CIE LCh	73, 17.892, 36.429
Yxy	44.9110, 0.3612, 0.3402
Android (android.graphics.Color)	4292127136 (0xFFD4A9A0)
YUV	180.8310, -10.2697, 27.3352
Hunter-Lab	67.0157, 9.7329, 12.0414

Details

The XYZ color **47.6845, 44.9110, 39.4132** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **47.7364, 54.9375, 70.3757**, and the grayscale version is **43.8736, 46.1584, 50.2665**.

A 20% lighter version of the original color is **80.1614, 79.4776, 75.4057**, and **23.0262, 20.9948, 17.3068** is the 20% darker color. If you saturate the color by 10%, you get **42.9406, 38.1421, 29.4490**, and if you desaturate by 10%, it is **53.1844, 52.6850, 51.1906**.

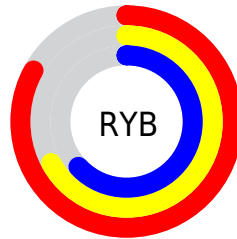
Distribution



Red (83%)

Green (66%)

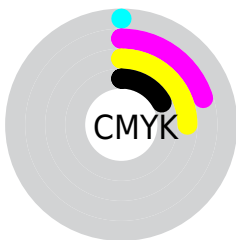
Blue (63%)



Red (83%)

Yellow (67%)

Blue (63%)

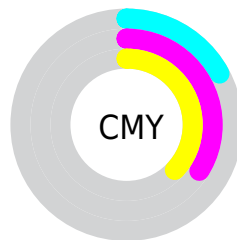


Cyan (0%)

Magenta (20%)

Yellow (25%)

Black (17%)



Cyan (17%)


Magenta (34%)


Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 47.6845, 44.9110, 39.4132 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 47.6845, 44.9110, 39.4132 by changing the saturation by 10% instead.


 47.6845, 44.9110,
39.4132


 47.6845, 44.9110,
39.4132


368.1436,
366.4130, 359.1223

 33.7873, 31.3873,
26.7710


 85.9470, 82.5868,
75.4964

 22.8924, 20.8940,
17.1704


 111.0430,
107.5078, 99.7745

 14.6343, 13.0465,
10.1928


140.6028,
136.9966, 128.7684

 8.6478, 7.4606,
5.4197

174.9915,
171.4378, 162.8965

 4.5674, 3.7518,
2.4326

214.5746,
211.2156, 202.5774

 2.0279, 1.5357,
0.8041

259.7174,

 0.6496, 0.3137,

256.7145, 248.2296

0.0000

310.7853,
308.3188, 300.2718

■ 0.0000, 0.0000,
0.0000

■ 47.6845, 44.9110,
39.4132

■ 47.6845, 44.9110,
39.4132

■ 42.9406, 38.1421,
29.4490

■ 53.1844, 52.6850,
51.1906

■ 38.9156, 32.3311,
21.2050

■ 59.4678, 61.4964,
64.8624

■ 35.5750, 27.4363,
14.5842

■ 66.5653, 71.3838,
80.5081

■ 32.8797, 23.4104,
9.4785

■ 74.5049, 82.3820,
98.2020

■ 30.7866, 20.2018,
5.7669

■ 80.9615, 92.7371,
108.2407

■ 29.2471, 17.7534,
3.3095

■ 28.2042, 16.0002,
1.9370

■ 27.8040, 15.3022,
1.4882

Harmonies

Analogous

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



48.9133, 44.9110, 47.0064



47.6845, 44.9110, 39.4132



45.1244, 44.9110, 34.8144

Triad

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



47.6845, 44.9110, 39.4132



37.4334, 44.9110, 42.3626



43.3601, 44.9110, 67.9838

Complementary

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



47.6845, 44.9110, 39.4132



47.7364, 54.9375, 70.3757

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.



40.3381, 44.9110, 66.3502



47.6845, 44.9110, 39.4132



37.0120, 44.9110, 50.8447

Square

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



47.6845, 44.9110, 39.4132



39.2308, 44.9110, 36.3671



38.0506, 44.9110, 59.7997



46.3396, 44.9110, 64.0259

Rectangle

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



47.6845, 44.9110, 39.4132



43.0603, 44.9110, 33.7128



38.0506, 44.9110, 59.7997



42.3150, 44.9110, 68.0767

Sweetspot

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



47.6857, 44.9131, 39.4141



87.7790, 89.8452, 92.9511



50.5419, 43.4669, 62.4349



18.6603, 19.0513, 19.6160



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.



47.6857, 44.9131, 39.4141



68.8451, 63.1171, 52.2973



52.9375, 55.4166, 41.1647



12.5954, 12.7649, 12.9607



17.2157, 9.5487, 0.9357



1.0925, 0.6841, 0.0745

Inverse Universe

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



47.7364, 54.9375, 70.3757



68.9281, 80.6705, 106.5458



42.1695, 43.8038, 68.5200



12.6007, 13.7249, 15.9226



16.9007, 22.0631, 41.8210



1.0687, 1.4293, 2.5389

Previews

White Background



This preview shows how the XYZ color 47.6845, 44.9110, 39.4132 looks on a white background.

Color Contrast Check

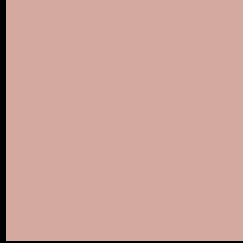
Large Text (above 18pt) WCAG AA × Fail

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 47.6845, 44.9110, 39.4132 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

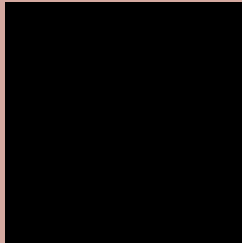
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 47.6845, 44.9110, 39.4132

Background



This preview shows how black text looks on a background with the XYZ color 47.6845, 44.9110, 39.4132.



This preview shows how white text looks on a background with the XYZ color 47.6845, 44.9110,

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

47.6845, 44.9110, 39.4132

Protanopia

42.7195, 44.8717, 42.0069

Deuteranopia

45.6391, 44.7048, 39.0243



Tritanopia

49.5045, 44.8233, 48.6904

Trichromacy



Original Color

47.6845, 44.9110, 39.4132

Protanomaly

44.4465, 44.9064, 40.9755

Deuteranomaly

46.2745, 44.7508, 38.9997

Tritanomaly

48.7057, 44.7621, 45.1026

Monochromacy



Original Color

47.6845, 44.9110, 39.4132

Achromatopsia

43.9204, 46.2077, 50.3202

Achromatomaly

45.0032, 45.6679, 45.9780

CSS Examples

Text

The CSS property to change the color of the text to XYZ 47.6845, 44.9110, 39.4132 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(212, 169, 160)` looks like.

```
.text, #text, p{  
    color:rgb(212, 169, 160)  
}
```

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(212, 169, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 169, 160) }
```

Border

The CSS property to change the border of an element to XYZ 47.6845, 44.9110, 39.4132 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(212, 169, 160) }
```


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

```
.border{ border-color:rgb(212, 169, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 169, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 169, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 169, 160);  
box-shadow:4px 4px 4px 4px rgb(212, 169,  
160) }
```

Background

The CSS property to change the background color of an element to XYZ 47.6845, 44.9110, 39.4132 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 169, 160) }
```

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

```
.background{ background-color: rgb(212,  
169, 160) }
```

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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