

Converting Colors

XYZ(50.4964, 48.7184, 39.1927)

Have a look what the booklet for
XYZ(50.4964, 48.7184, 39.1927)
contains.

XYZ(50.5090, 48.6646, 39.0789)	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(50.5090, 48.6646,
39.0789)**

Conversions

Conversions Part 1

Format	Color
Hex	D9B19E
RGB	217, 177, 158
RGB Percent	85%, 69%, 62%
CMY	0.1490, 0.3059, 0.3804
CMYK	0.00, 0.18, 0.27, 0.15
HSL	19°, 44%, 74%
HSV	19°, 27%, 85%
XYZ	50.5090, 48.6646, 39.0789
YIQ	186.7940, 29.9390, 2.5710

Conversions

Conversions Part 2

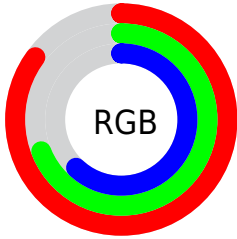
Format	Color
R_{YB}	217, 186, 158
Decimal	14266782
CIE _{Lab}	75.24, 11.71, 15.18
CIE _{LCh}	75, 19.172, 52.365
Yxy	48.6646, 0.3653, 0.3520
Android (android.graphics.Color)	4292456862 (0xFFD9B19E)
YUV	186.7940, -14.1954, 26.4907
Hunter-Lab	69.7600, 7.1610, 15.6183

Details

The XYZ color **50.5090, 48.6646, 39.0789** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **46.8186, 52.6657, 73.3438**, and the grayscale version is **47.1847, 49.6420, 54.0601**.

A 20% lighter version of the original color is **82.3892, 84.3419, 74.8880**, and **24.5594, 23.0539, 17.0653** is the 20% darker color. If you saturate the color by 10%, you get **46.0532, 42.4826, 29.1778**, and if you desaturate by 10%, it is **55.6105, 55.6095, 50.8235**.

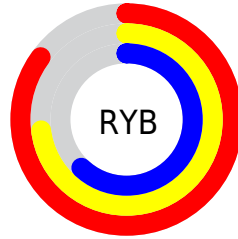
Distribution



Red (85%)

Green (69%)

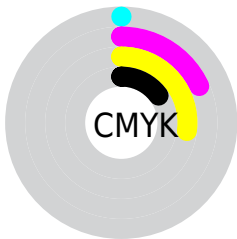
Blue (62%)



Red (85%)

Yellow (73%)

Blue (62%)

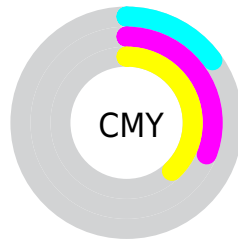


Cyan (0%)

Magenta (18%)

Yellow (27%)

Black (15%)



Cyan (15%)


Magenta (31%)


Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 50.5090, 48.6646, 39.0789 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 50.5090, 48.6646, 39.0789 by changing the saturation by 10% instead.


 50.5090, 48.6646,
39.0789


 50.5090, 48.6646,
39.0789


379.0723,
381.4204, 357.6618

 36.0375, 34.3535,
26.5128

 90.1159, 88.1931,
74.9805

 24.6334, 23.1653,
16.9785

 115.9820,
114.1793, 99.1531

 15.9314, 14.7156,
10.0573


146.3769,
144.8260, 128.0316

 9.5662, 8.6200,
5.3309

181.6661,
180.5175, 162.0346

 5.1723, 4.4942,
2.3806

222.2149,
221.6384, 201.5805

 2.3845, 1.9537,
0.7758

268.3886,

 0.8374, 0.5803,

268.5729, 247.0880

0.0000

320.5526,
321.7054, 298.9756

■ 0.0000, 0.0000,
0.0000

■ 50.5090, 48.6646,
39.0789

■ 50.5090, 48.6646,
39.0789

■ 46.0532, 42.4826,
29.1778

■ 55.6105, 55.6095,
50.8235

■ 42.2119, 37.0301,
21.0224

■ 61.3794, 63.3358,
64.4964

■ 38.9571, 32.2810,
14.5106

■ 67.8409, 71.8700,
80.1806

■ 36.2570, 28.2048,
9.5283

■ 75.0179, 81.2350,
97.9536

■ 34.0759, 24.7687,
5.9464

■ 81.0244, 90.6898,
107.8422

■ 32.3737, 21.9368,
3.6141

■ 82.4254, 93.4918,
108.3092

■ 31.0998, 19.6671,
2.3322

■ 30.7991, 19.1192,
2.0671

Harmonies

Analogous

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



52.7961, 48.6646, 45.9527



50.5090, 48.6646, 39.0789



47.1588, 48.6646, 36.0124

Triad

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



50.5090, 48.6646, 39.0789



39.8685, 48.6646, 50.4549



48.8761, 48.6646, 72.9981

Complementary

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



50.5090, 48.6646, 39.0789



46.8186, 52.6657, 73.3438

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.



45.3613, 48.6646, 74.6012



50.5090, 48.6646, 39.0789



40.2764, 48.6646, 60.7059

Square

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



50.5090, 48.6646, 39.0789



41.1015, 48.6646, 42.0163



42.2454, 48.6646, 69.8573



51.8205, 48.6646, 65.7193

Rectangle

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



50.5090, 48.6646, 39.0789



44.8208, 48.6646, 36.2274



42.2454, 48.6646, 69.8573



47.7179, 48.6646, 74.2530

Sweetspot

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



50.5103, 48.6668, 39.0799



87.6836, 90.2469, 91.0926



51.0722, 43.2979, 59.2838



18.4870, 18.9422, 18.8262



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.



50.5103, 48.6668, 39.0799



68.7602, 64.5622, 47.2908



56.9027, 61.4517, 41.2107



13.3968, 13.7329, 13.6702



18.7292, 11.7440, 1.2797



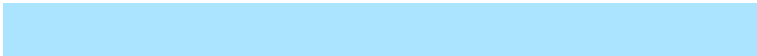
1.2900, 0.9141, 0.1085

Inverse Universe

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



46.8186, 52.6657, 73.3438



62.5264, 71.2901, 105.0726



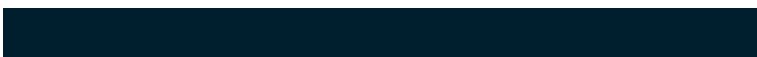
40.7794, 40.5873, 71.3308



13.0729, 14.0856, 16.6819



14.0068, 15.8831, 42.0659



0.9842, 1.1825, 2.7508

Previews

White Background



This preview shows how the XYZ color 50.5090, 48.6646, 39.0789 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 50.5090, 48.6646, 39.0789 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

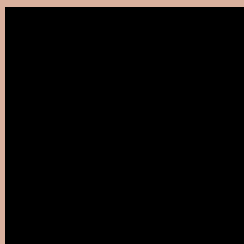
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 50.5090, 48.6646, 39.0789

Background



This preview shows how black text looks on a background with the XYZ color 50.5090, 48.6646, 39.0789.



This preview shows how white text looks on a background with the XYZ color 50.5090, 48.6646,

39.0789.

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

50.5090, 48.6646, 39.0789

Protanopia

46.1187, 48.7759, 41.1664

Deuteranopia

49.7322, 48.8550, 39.1565



Tritanopia

53.3217, 48.6480, 53.0340

Trichromacy



Original Color

50.5090, 48.6646, 39.0789

Protanomaly

47.5181, 48.5857, 40.5917

Deuteranomaly

49.8235, 48.6056, 39.1036

Tritanomaly

52.1859, 48.4668, 47.6788

Monochromacy



Original Color

50.5090, 48.6646, 39.0789

Achromatopsia

47.2335, 49.6933, 54.1160

Achromatomaly

48.0587, 49.0073, 48.0007

CSS Examples

Text

The CSS property to change the color of the text to XYZ 50.5090, 48.6646, 39.0789 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(217, 177, 158)` looks like.

```
.text, #text, p{  
    color:rgb(217, 177, 158)  
}
```

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(217, 177, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 177, 158) }
```

Border

The CSS property to change the border of an element to XYZ 50.5090, 48.6646, 39.0789 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(217, 177, 158) }
```


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

```
.border{ border-color:rgb(217, 177, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 177, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 177, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 177, 158);  
box-shadow:4px 4px 4px 4px rgb(217, 177,  
158) }
```

Background

The CSS property to change the background color of an element to XYZ 50.5090, 48.6646, 39.0789 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 177, 158) }
```

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

```
.background{ background-color: rgb(217,  
177, 158) }
```

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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