

Converting Colors

XYZ(39.4707, 44.8396, 29.8050)

Have a look what the booklet for
XYZ(39.4707, 44.8396, 29.8050)
contains.

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Color

**XYZ(39.5089, 44.9917,
29.8945)**

Conversions

Conversions Part 1

Format	Color
Hex	B1B788
RGB	177, 183, 136
RGB Percent	69%, 72%, 53%
CMY	0.3059, 0.2823, 0.4667
CMYK	0.03, 0.00, 0.26, 0.28
HSL	68°, 25%, 63%
HSV	68°, 26%, 72%
XYZ	39.5089, 44.9917, 29.8945
YIQ	175.8480, 11.5110, -15.8890

Conversions

Conversions Part 2

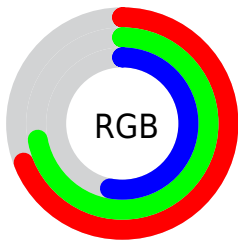
Format	Color
R_{YB}	136, 183, 142
Decimal	11646856
CIE _{Lab}	72.89, -9.98, 23.26
CIE _{LCh}	73, 25.312, 113.212
Yxy	44.9917, 0.3454, 0.3933
Android (android.graphics.Color)	4289836936 (0xFFB1B788)
YUV	175.8480, -19.6451, 1.0103
Hunter-Lab	67.0759, -12.2430, 20.5286

Details

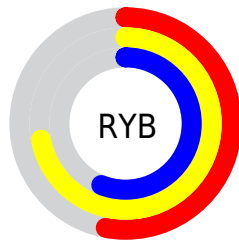
The XYZ color **39.5089, 44.9917, 29.8945** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **28.5085, 26.7792, 48.4687**, and the grayscale version is **41.2835, 43.4335, 47.2991**.

A 20% lighter version of the original color is **73.7650, 82.7743, 60.8044**, and **17.9745, 20.9222, 11.8951** is the 20% darker color. If you saturate the color by 10%, you get **37.7903, 44.2448, 23.5950**, and if you desaturate by 10%, it is **41.4611, 45.8362, 37.3660**.

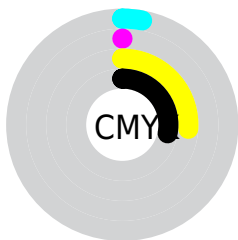
Distribution



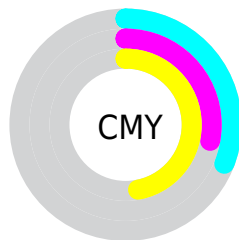
- Red (69%)
- Green (72%)
- Blue (53%)



- Red (53%)
- Yellow (72%)
- Blue (56%)



- Cyan (3%)
- Magenta (0%)
- Yellow (26%)
- Black (28%)



- Cyan (31%)
- Magenta (28%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.5089, 44.9917, 29.8945 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 39.5089, 44.9917, 29.8945 by changing the saturation by 10% instead.

■ 39.5089, 44.9917,
29.8945

■ 39.5089, 44.9917,
29.8945

335.2193,
366.7399, 315.6044

■ 27.3384, 31.4509,
19.5072

■ 73.7042, 82.7080,
60.5543

■ 17.9654, 20.9424,
11.8568

■ 96.4597, 107.6522,
81.6639

■ 11.0247, 13.0819,
6.5249

■ 123.4742,
137.1664, 107.1846

■ 6.1509, 7.4850,
3.0929

155.1130,
171.6348, 137.5350

■ 2.9786, 3.7672,
1.1423

191.7416,
211.4421, 173.1337

■ 1.1424, 1.5442,
0.0000

233.7253,

■ 0.0602, 0.3195,

256.9724, 214.3991

0.0000

281.4294,
308.6102, 261.7498

0.0000, 0.0000,
0.0000

39.5089, 44.9917,
29.8945

39.5089, 44.9917,
29.8945

37.7903, 44.2448,
23.5950

41.4611, 45.8362,
37.3660

36.2904, 43.5849,
18.4051

43.6538, 46.7764,
46.0618

34.9982, 43.0091,
14.2613

46.0982, 47.8183,
56.0346

33.8999, 42.5119,
11.0923

48.8035, 48.9657,
67.3330

32.9804, 42.0873,
8.8178

51.7786, 50.2220,
80.0032

■ 32.2220, 41.7281,
7.3450

■ 55.0317, 51.5906,
94.0891

■ 31.6024, 41.4255,
6.5571

■ 57.0699, 52.4744,
101.7284

■ 31.3572, 41.3041,
6.3198

■ 57.6721, 52.7849,
101.7566

■ 58.2838, 53.1002,
101.7852

Harmonies

Analogous

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



43.7729, 44.9917, 28.6218



39.5089, 44.9917, 29.8945



36.3282, 44.9917, 35.8423

Triad

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



39.5089, 44.9917, 29.8945



37.8857, 44.9917, 71.1130



51.7438, 44.9917, 51.9137

Complementary

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



39.5089, 44.9917, 29.8945



28.5085, 26.7792, 48.4687

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.



49.9166, 44.9917, 65.0100



39.5089, 44.9917, 29.8945



41.7693, 44.9917, 77.2613

Square

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



39.5089, 44.9917, 29.8945



35.4370, 44.9917, 59.1918



46.1916, 44.9917, 74.8550



51.0354, 44.9917, 40.0304

Rectangle

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



39.5089, 44.9917, 29.8945



35.1512, 44.9917, 42.3065



46.1916, 44.9917, 74.8550



51.4018, 44.9917, 56.3391

Sweetspot

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



39.5101, 44.9937, 29.8955



77.1765, 83.3422, 78.4709



33.5702, 31.0387, 27.5149



16.9126, 18.3506, 16.8004



88.6918, 93.3107, 101.6153



17.8044, 18.7317, 20.3988

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



39.5101, 44.9937, 29.8955



68.9138, 79.7769, 46.7150



34.7087, 42.5185, 29.6708



9.6343, 10.4436, 9.6149



21.9144, 28.8336, 4.4104



0.8043, 1.0328, 0.1570

Inverse Universe

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



28.5085, 26.7792, 48.4687



45.7570, 41.4302, 85.8209



32.8665, 29.0258, 48.6726



8.6249, 8.7730, 11.3182



6.2486, 2.5325, 31.4125



0.2551, 0.1072, 1.1090

Previews

White Background



This preview shows how the XYZ color 39.5089, 44.9917, 29.8945 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 39.5089, 44.9917, 29.8945 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

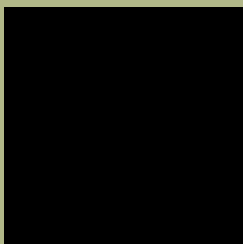
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

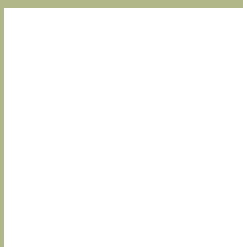
If you want to check with other color combinations, try the [Color Contrast Checker](#).

XYZ 39.5089, 44.9917, 29.8945

Background



This preview shows how black text looks on a background with the XYZ color 39.5089, 44.9917, 29.8945.



This preview shows how white text looks on a background with the XYZ color 39.5089, 44.9917,

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

39.5089, 44.9917, 29.8945

Protanopia

41.9090, 45.0378, 29.0386

Deuteranopia

45.6345, 44.8953, 30.3052



Tritanopia

44.5868, 44.9587, 55.0431

Trichromacy



Original Color

39.5089, 44.9917, 29.8945

Protanomaly

40.9441, 44.8309, 29.4169

Deuteranomaly

43.0666, 44.7271, 30.0303

Tritanomaly

42.4319, 44.9662, 44.4732

Monochromacy



Original Color

39.5089, 44.9917, 29.8945

Achromatopsia

41.2663, 43.4154, 47.2793

Achromatomaly

40.4576, 44.0435, 40.0871

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.5089, 44.9917, 29.8945 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(177, 183, 136)` looks like.

```
.text, #text, p{  
    color:rgb(177, 183, 136)  
}
```

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(177, 183, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 183, 136) }
```

Border

The CSS property to change the border of an element to XYZ 39.5089, 44.9917, 29.8945 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(177, 183, 136) }
```


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

```
.border{ border-color:rgb(177, 183, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 183, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 183, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 183, 136);  
box-shadow:4px 4px 4px 4px rgb(177, 183,  
136) }
```

Background

The CSS property to change the background color of an element to XYZ 39.5089, 44.9917, 29.8945 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 183, 136) }
```

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

```
.background{ background-color: rgb(177,  
183, 136) }
```

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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