

Converting Colors

XYZ(39.3206, 43.9996, 25.3255)

Have a look what the booklet for
XYZ(39.3206, 43.9996, 25.3255)
contains.

XYZ(39.4878, 44.1650, 25.5123)	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(39.4878, 44.1650,
25.5123)**

Conversions

Conversions Part 1

Format	Color
Hex	B7B47C
RGB	183, 180, 124
RGB Percent	72%, 71%, 49%
CMY	0.2824, 0.2941, 0.5137
CMYK	0.00, 0.02, 0.32, 0.28
HSL	57°, 29%, 60%
HSV	57°, 32%, 72%
XYZ	39.4878, 44.1650, 25.5123
YIQ	174.5130, 19.7640, -16.7800

Conversions

Conversions Part 2

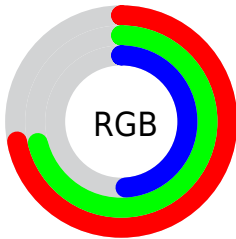
Format	Color
RYB	127, 183, 124
Decimal	12039292
CIELab	72.34, -7.68, 29.01
CIElCh	72, 30.009, 104.832
Yxy	44.1650, 0.3617, 0.4046
Android (android.graphics.Color)	4290229372 (0xFFB7B47C)
YUV	174.5130, -24.9029, 7.4431
Hunter-Lab	66.4568, -10.2368, 23.7587

Details

The XYZ color **39.4878, 44.1650, 25.5123** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **24.4488, 22.8822, 47.9280**, and the grayscale version is **40.6142, 42.7293, 46.5322**.

A 20% lighter version of the original color is **73.8664, 81.6905, 53.4696**, and **17.8787, 20.3403, 9.4623** is the 20% darker color. If you saturate the color by 10%, you get **38.2498, 43.3722, 19.9102**, and if you desaturate by 10%, it is **40.9441, 45.0502, 32.2478**.

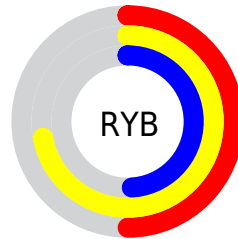
Distribution



Red (72%)

Green (71%)

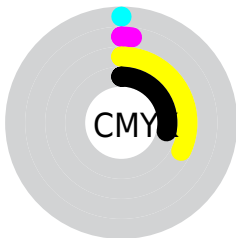
Blue (49%)



Red (50%)

Yellow (72%)

Blue (49%)

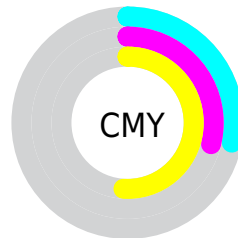


Cyan (0%)

Magenta (2%)

Yellow (32%)

Black (28%)



Cyan (28%)


Magenta (29%)


Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.4878, 44.1650, 25.5123 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 39.4878, 44.1650, 25.5123 by changing the saturation by 10% instead.


 39.4878, 44.1650,
25.5123


 39.4878, 44.1650,
25.5123


335.1315,
363.3812, 293.9086

 27.3218, 30.8002,
16.2367

 73.6722, 81.4660,
53.4615

 17.9529, 20.4468,
9.5356


 96.4214, 106.1710,
72.9721

 11.0157, 12.7202,
4.9906


 123.4291,
135.4249, 96.7315

 6.1448, 7.2362,
2.1831

155.0605,
169.6120, 125.1582

 2.9748, 3.6102,
0.6646

191.6811,
209.1168, 158.6707

 1.1404, 1.4580,
0.0000

233.6563,

 0.0586, 0.2589,

254.3237, 197.6876

0.0000

281.3513,
305.6170, 242.6274

■ 0.0000, 0.0000,
0.0000

■ 39.4878, 44.1650,
25.5123

■ 39.4878, 44.1650,
25.5123

■ 38.2498, 43.3722,
19.9102

■ 40.9441, 45.0502,
32.2478

■ 37.2148, 42.6611,
15.3761

■ 42.6264, 46.0263,
40.1718

■ 36.3709, 42.0284,
11.8422

■ 44.5459, 47.0993,
49.3392

■ 35.7035, 41.4683,
9.2315

■ 46.7124, 48.2731,
59.8004

■ 35.1960, 40.9742,
7.4563

■ 49.1348, 49.5513,
71.6034

■ 34.8283, 40.5380,
6.4116

■ 51.8218, 50.9374,
84.7935

■ 34.6083, 40.2269,
5.9405

■ 54.7817, 52.4347,
99.4139

■ 55.4419, 53.0141,
101.9184

■ 55.6403, 53.4108,
101.9845

Harmonies

Analogous

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



44.6283, 44.1650, 25.5406



39.4878, 44.1650, 25.5123



35.3618, 44.1650, 30.6159

Triad

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



39.4878, 44.1650, 25.5123



35.3251, 44.1650, 71.0406



52.3037, 44.1650, 55.9153

Complementary

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



39.4878, 44.1650, 25.5123



24.4488, 22.8822, 47.9280

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.



49.3708, 44.1650, 71.1936



39.4878, 44.1650, 25.5123



39.4339, 44.1650, 81.0696

Square

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



39.4878, 44.1650, 25.5123



33.0957, 44.1650, 55.7375



44.5697, 44.1650, 81.1307



52.3212, 44.1650, 41.1728

Rectangle

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



39.4878, 44.1650, 25.5123



33.6204, 44.1650, 36.9848



44.5697, 44.1650, 81.1307



51.6161, 44.1650, 61.2173

Sweetspot

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



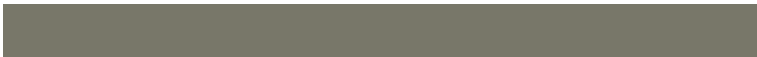
39.4889, 44.1670, 25.5132



77.0206, 82.8163, 75.1664



30.6284, 26.0399, 23.8116



16.9100, 18.2341, 16.1193



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.



39.4889, 44.1670, 25.5132



69.0445, 78.0334, 38.0743



34.5613, 42.5342, 25.4578



9.7101, 10.4231, 9.6070



24.1588, 28.0939, 4.1494



0.8637, 1.0144, 0.1503

Inverse Universe

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



24.4488, 22.8822, 47.9280



37.7296, 33.7204, 84.7558



28.2535, 24.2778, 47.9968



8.5567, 8.7907, 11.3252



6.0484, 2.5565, 31.4277



0.2257, 0.1150, 1.1121

Previews

White Background



This preview shows how the XYZ color 39.4878, 44.1650, 25.5123 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 39.4878, 44.1650, 25.5123 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

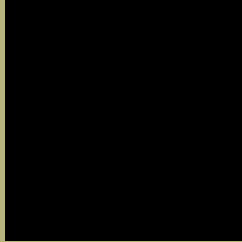
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

XYZ 39.4878, 44.1650, 25.5123

Background



This preview shows how black text looks on a background with the XYZ color 39.4878, 44.1650, 25.5123.



This preview shows how white text looks on a background with the XYZ color 39.4878, 44.1650,

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

39.4878, 44.1650, 25.5123

Protanopia

41.0355, 44.0808, 25.0845

Deuteranopia

45.0046, 44.1047, 25.8797



Tritanopia

44.8507, 43.9974, 52.5828

Trichromacy



Original Color

39.4878, 44.1650, 25.5123

Protanomaly

40.4818, 44.0897, 25.1154

Deuteranomaly

42.9251, 44.1703, 25.6654

Tritanomaly

42.4343, 43.8691, 40.8814

Monochromacy



Original Color

39.4878, 44.1650, 25.5123

Achromatopsia

40.7470, 42.8690, 46.6844

Achromatomaly

40.0830, 43.3096, 37.6995

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.4878, 44.1650, 25.5123 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(183, 180, 124)` looks like.

```
.text, #text, p{  
    color:rgb(183, 180, 124)  
}
```

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(183, 180, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 180, 124) }
```

Border

The CSS property to change the border of an element to XYZ 39.4878, 44.1650, 25.5123 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(183, 180, 124) }
```


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

```
.border{ border-color:rgb(183, 180, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 180, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 180, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 180, 124);  
box-shadow:4px 4px 4px 4px rgb(183, 180,  
124) }
```

Background

The CSS property to change the background color of an element to XYZ 39.4878, 44.1650, 25.5123 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 180, 124) }
```

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

```
.background{ background-color: rgb(183,  
180, 124) }
```

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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