

Converting Colors

XYZ(39.2723, 45.7700, 17.3065)

Have a look what the booklet for
XYZ(39.2723, 45.7700, 17.3065)
contains.

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Color

**XYZ(39.3769, 45.8204,
17.3585)**

Conversions

Conversions Part 1

Format	Color
Hex	B9B95E
RGB	185, 185, 94
RGB Percent	73%, 73%, 37%
CMY	0.2745, 0.2745, 0.6314
CMYK	0.00, 0.00, 0.49, 0.27
HSL	60°, 39%, 55%
HSV	60°, 49%, 73%
XYZ	39.3769, 45.8204, 17.3585
YIQ	174.6260, 29.2110, -28.3010

Conversions

Conversions Part 2

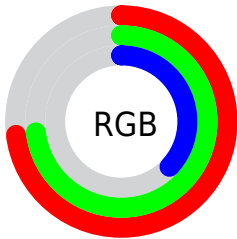
Format	Color
RYB	94, 185, 94
Decimal	12171614
CIELab	73.43, -12.73, 45.74
CIELCh	73, 47.480, 105.553
Yxy	45.8204, 0.3840, 0.4468
Android (android.graphics.Color)	4290361694 (0xFFB9B95E)
YUV	174.6260, -39.7486, 9.0980
Hunter-Lab	67.6908, -14.6223, 32.1793

Details

The XYZ color **39.3769, 45.8204, 17.3585** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **17.3774, 13.8890, 47.6667**, and the grayscale version is **40.7435, 42.8653, 46.6803**.

A 20% lighter version of the original color is **73.6839, 84.0719, 39.9477**, and **17.8932, 21.4228, 5.4774** is the 20% darker color. If you saturate the color by 10%, you get **38.6445, 45.5291, 13.4983**, and if you desaturate by 10%, it is **40.3105, 46.1955, 22.2685**.

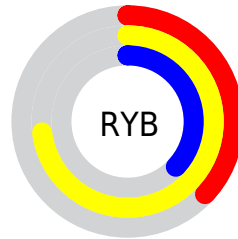
Distribution



Red (73%)

Green (73%)

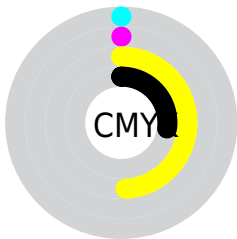
Blue (37%)



Red (37%)

Yellow (73%)

Blue (37%)

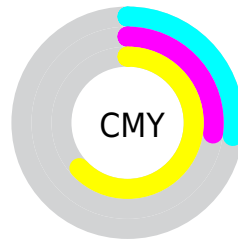


Cyan (0%)

Magenta (0%)

Yellow (49%)

Black (27%)



Cyan (27%)

Magenta (27%)

Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.3769, 45.8204, 17.3585 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 39.3769, 45.8204, 17.3585 by changing the saturation by 10% instead.

■ 39.3769, 45.8204,
17.3585

■ 39.3769, 45.8204,
17.3585

334.6699,
370.0861, 249.3434

■ 27.2351, 32.1041,
10.3258

■ 73.5041, 83.9501,
39.7402

■ 17.8874, 21.4410,
5.5071

■ 96.2203, 109.1324,
55.9263

■ 10.9684, 13.4468,
2.4838

■ 123.1919,
138.9054, 76.0005

■ 6.1127, 7.7369,
0.8316

■ 154.7844,
173.6536, 100.3815

■ 2.9550, 3.9271,
0.0000

191.3631,
213.7614, 129.4877

■ 1.1300, 1.6328,
0.0000

233.2933,

■ 0.0500, 0.3796,

259.6132, 163.7377

0.0000

280.9405,
311.5933, 203.5501

■ 0.0000, 0.0000,
0.0000

■ 39.3769, 45.8204,
17.3585

■ 39.3769, 45.8204,
17.3585

■ 38.6445, 45.5291,
13.4983

■ 40.3105, 46.1955,
22.2685

■ 38.0955, 45.3094,
10.6088

■ 41.4550, 46.6534,
28.2941

■ 37.7147, 45.1571,
8.6048


■ 42.8235, 47.2008,
35.4988


■ 37.4827, 45.0642,
7.3846


■ 44.4269, 47.8422,
43.9409


■ 37.3643, 45.0169,
6.7629


■ 46.2756, 48.5817,
53.6746

 37.3561, 45.0136,
6.7196

 48.3793, 49.4232,
64.7509

 50.7471, 50.3704,
77.2181

 53.3877, 51.4266,
91.1221

 55.4100, 52.2356,
101.7698

Harmonies

Analogous

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



47.6906, 45.8204, 17.2449



39.3769, 45.8204, 17.3585



33.0428, 45.8204, 24.0755

Triad

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



39.3769, 45.8204, 17.3585



33.2257, 45.8204, 90.5569



61.0679, 45.8204, 62.2955

Complementary

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



39.3769, 45.8204, 17.3585



17.3774, 13.8890, 47.6667

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.



56.0796, 45.8204, 89.6246



39.3769, 45.8204, 17.3585



39.6580, 45.8204, 109.1548

Square

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



39.3769, 45.8204, 17.3585



29.8140, 45.8204, 63.2967



48.0099, 45.8204, 108.7674



60.9673, 45.8204, 38.5252

Rectangle

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



39.3769, 45.8204, 17.3585



30.4820, 45.8204, 33.1438



48.0099, 45.8204, 108.7674



59.9053, 45.8204, 71.4992

Sweetspot

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



39.3780, 45.8225, 17.3595



77.7730, 84.9635, 69.2670



26.0322, 19.1290, 12.9105



16.6409, 18.2662, 14.2726



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.



39.3780, 45.8225, 17.3595



69.1200, 81.5020, 23.7124



30.1023, 41.0407, 16.9254



9.7502, 10.5034, 9.6204



25.4346, 30.6483, 4.5752



0.8967, 1.0804, 0.1613

Inverse Universe

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



17.3774, 13.8890, 47.6667



25.1452, 17.6733, 84.2906



23.4922, 17.0413, 47.9529



8.5212, 8.7195, 11.3134



5.9628, 2.3851, 31.3992



0.2102, 0.0841, 1.1069

Previews

White Background



This preview shows how the XYZ color 39.3769, 45.8204, 17.3585 looks on a white background.

Color Contrast Check

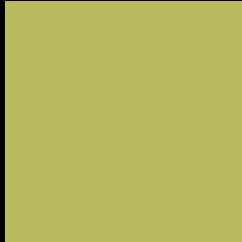
Large Text (above 18pt) WCAG AA × Fail

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 39.3769, 45.8204, 17.3585 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 39.3769, 45.8204, 17.3585

Background



This preview shows how black text looks on a background with the XYZ color 39.3769, 45.8204, 17.3585.



This preview shows how white text looks on a background with the XYZ color 39.3769, 45.8204,

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

39.3769, 45.8204, 17.3585

Protanopia

41.8062, 45.5573, 16.7152

Deuteranopia

46.7290, 45.7403, 17.6751



Tritanopia

46.9127, 45.8929, 53.9626

Trichromacy



Original Color

39.3769, 45.8204, 17.3585

Protanomaly

40.9519, 45.7155, 17.0215

Deuteranomaly

43.8459, 45.6987, 17.5761

Tritanomaly

43.4387, 45.6497, 37.0937

Monochromacy



Original Color

39.3769, 45.8204, 17.3585

Achromatopsia

40.7470, 42.8690, 46.6844

Achromatomaly

39.8988, 43.8992, 33.5646

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.3769, 45.8204, 17.3585 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(185, 185, 94)` looks like.

```
.text, #text, p{  
    color:rgb(185, 185, 94)  
}
```

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(185, 185, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 185, 94) }
```

Border

The CSS property to change the border of an element to XYZ 39.3769, 45.8204, 17.3585 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(185, 185, 94) }
```


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

```
.border{ border-color:rgb(185, 185, 94) }
```

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

Here you see how a box with a 4 pixel rgb(185, 185, 94) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 185, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 185, 94);  
box-shadow:4px 4px 4px 4px rgb(185, 185,  
94) }
```

Background

The CSS property to change the background color of an element to XYZ 39.3769, 45.8204, 17.3585 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 185, 94) }
```

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

```
.background{ background-color: rgb(185,  
185, 94) }
```

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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