

Converting Colors

XYZ(38.3752, 48.4183, 7.4667)

Have a look what the booklet for
XYZ(38.3752, 48.4183, 7.4667)
contains.

XYZ(38.3752, 48.4183, 7.4667)	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(38.3752, 48.4183,
7.4667)**

Conversions

Conversions Part 1

Format	Color
Hex	B5C205
RGB	181, 194, 5
RGB Percent	71%, 76%, 2%
CMY	0.2902, 0.2392, 0.9803
CMYK	0.07, 0.00, 0.97, 0.24
HSL	64°, 95%, 39%
HSV	64°, 97%, 76%
XYZ	38.3752, 48.4183, 7.4667
YIQ	168.5670, 52.9210, -61.5350

Conversions

Conversions Part 2

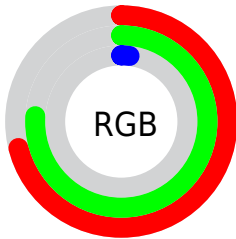
Format	Color
RYB	5, 194, 18
Decimal	11911685
CIELab	75.09, -23.07, 75.19
CIELCh	75, 78.645, 107.058
Yxy	48.4183, 0.4071, 0.5137
Android (android.graphics.Color)	4290101765 (0xFFB5C205)
YUV	168.5670, -80.6385, 10.9037
Hunter-Lab	69.5833, -23.3279, 42.3461

Details

The XYZ color **38.3752, 48.4183, 7.4667** is a dark color, and the websafe version is hex **CCCC00**. The color can be described as dark washed chartreuse. A complement of this color would be **10.0427, 4.1332, 51.3105**, and the grayscale version is **37.8677, 39.8398, 43.3855**.

A 20% lighter version of the original color is **72.0226, 87.6965, 21.3147**, and **17.6933, 23.2607, 3.5572** is the 20% darker color. If you saturate the color by 10%, you get **38.2678, 48.3678, 7.3190**, and if you desaturate by 10%, it is **38.8327, 48.6394, 8.2291**.

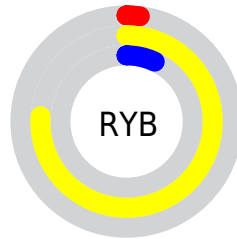
Distribution



Red (71%)

Green (76%)

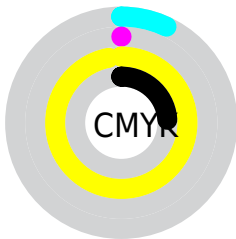
Blue (2%)



Red (2%)

Yellow (76%)

Blue (7%)

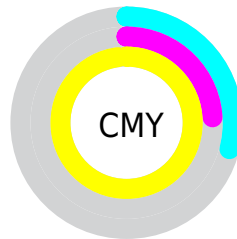


Cyan (7%)

Magenta (0%)

Yellow (97%)

Black (24%)



Cyan (29%)

Magenta (24%)

Yellow (98%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 38.3752, 48.4183, 7.4667 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 38.3752, 48.4183, 7.4667 by changing the saturation by 10% instead.

■ 38.3752, 48.4183,
7.4667

■ 38.3752, 48.4183,
7.4667

330.4798,
380.4478, 181.2626

■ 26.4526, 34.1583,
3.6728

■ 71.9831, 87.8269,
21.4348

■ 17.2970, 23.0152,
1.4476

■ 94.3990, 113.7442,
32.4460

■ 10.5431, 14.6047,
0.1784

■ 121.0434,
144.3161, 46.7001

■ 5.8255, 8.5425,
0.0000

■ 152.2816,
179.9270, 64.6157

■ 2.7789, 4.4440,
0.0000

■ 188.4790,
220.9612, 86.6111

■ 1.0379, 1.9249,
0.0000

■ 230.0009,

■ 0.0000, 0.5633,

267.8031, 113.1051

0.0000

277.2128,
320.8372, 144.5161

■ 0.0000, 0.0000,
0.0000

■ 38.3752, 48.4183,
7.4667

■ 38.3752, 48.4183,
7.4667

■ 38.2678, 48.3678,
7.3190

■ 38.8327, 48.6394,
8.2291

■ 39.4323, 48.9160,
9.7290

■ 40.2051, 49.2621,
12.1251

■ 41.1722, 49.6864,
15.5284

■ 42.3515, 50.1958,
20.0337

■ 43.7591, 50.7970,
25.7250

■ 45.4094, 51.4955,
32.6781

■ 47.3154, 52.2967,
40.9626

■ 49.4896, 53.2055,
50.6428

Harmonies

Analogous

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



52.4958, 48.4183, 7.0737



38.3752, 48.4183, 7.4667



28.5991, 48.4183, 15.0772

Triad

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



38.3752, 48.4183, 7.4667



29.6342, 48.4183, 134.5495



78.5764, 48.4183, 72.5211

Complementary

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



38.3752, 48.4183, 7.4667



10.0427, 4.1332, 51.3105

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.



69.3783, 48.4183, 127.1761



38.3752, 48.4183, 7.4667



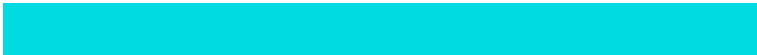
40.1002, 48.4183, 173.7093

Square

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



38.3752, 48.4183, 7.4667



24.3217, 48.4183, 79.5322



54.6184, 48.4183, 170.4694



77.8442, 48.4183, 32.7321

Rectangle

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



38.3752, 48.4183, 7.4667



24.9618, 48.4183, 27.4811



54.6184, 48.4183, 170.4694



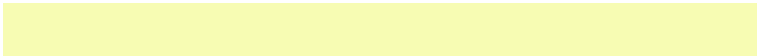
76.4740, 48.4183, 90.0100

Sweetspot

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



38.3763, 48.4205, 7.4677



81.6159, 93.0172, 56.4274



22.4872, 11.9015, 1.2563



17.5849, 20.2479, 11.1398



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.



38.3763, 48.4205, 7.4677



69.2379, 87.5789, 13.2552



23.2430, 40.6191, 6.7595



10.8428, 11.7219, 10.7530



25.1868, 31.8131, 4.8131



1.1092, 1.3853, 0.2089

Inverse Universe

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



10.0427, 4.1332, 51.3105



17.8800, 7.1795, 92.9132



16.4892, 7.4565, 51.6122



9.5911, 9.7804, 12.6671



6.5409, 2.6324, 33.7200



0.3052, 0.1254, 1.4580

Previews

White Background



This preview shows how the XYZ color 38.3752, 48.4183, 7.4667 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 38.3752, 48.4183, 7.4667 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 38.3752, 48.4183, 7.4667

Background



This preview shows how black text looks on a background with the XYZ color 38.3752, 48.4183, 7.4667.



This preview shows how white text looks on a background with the XYZ color 38.3752, 48.4183,

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

38.3752, 48.4183, 7.4667

Protanopia

43.3614, 48.1078, 7.0003

Deuteranopia

49.1950, 48.0879, 8.0555



Tritanopia

48.5645, 48.1397, 57.7712

Trichromacy



Original Color

38.3752, 48.4183, 7.4667

Protanomaly

41.2829, 47.9766, 7.1420

Deuteranomaly

44.6043, 47.8100, 7.6364

Tritanomaly

42.2858, 47.1257, 26.2695

Monochromacy



Original Color

38.3752, 48.4183, 7.4667

Achromatopsia

37.7116, 39.6755, 43.2066

Achromatomaly

35.9143, 41.8292, 20.6489

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.3752, 48.4183, 7.4667 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(181, 194, 5)` looks like.

```
.text, #text, p{  
    color:rgb(181, 194, 5)  
}
```

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(181, 194, 5) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 194, 5) }
```

Border

The CSS property to change the border of an element to XYZ 38.3752, 48.4183, 7.4667 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(181, 194, 5) }
```


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

```
.border{ border-color:rgb(181, 194, 5) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 194, 5)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 194, 5); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 194, 5);  
box-shadow:4px 4px 4px 4px rgb(181, 194,  
5) }
```

Background

The CSS property to change the background color of an element to XYZ 38.3752, 48.4183, 7.4667 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 194, 5) }
```

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

```
.background{ background-color: rgb(181,  
194, 5) }
```

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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