

Converting Colors

XYZ(38.3571, 47.5119, 7.1491)

Have a look what the booklet for
XYZ(38.3571, 47.5119, 7.1491)
contains.

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Color

**XYZ(38.3980, 47.4520,
7.1354)**

Conversions

Conversions Part 1

Format	Color
Hex	B8BF00
RGB	184, 191, 0
RGB Percent	72%, 75%, 0%
CMY	0.2784, 0.2510, 0.9999
CMYK	0.04, 0.00, 1.00, 0.25
HSL	62°, 100%, 37%
HSV	62°, 100%, 75%
XYZ	38.3980, 47.4520, 7.1354
YIQ	167.1330, 57.1390, -60.8850

Conversions

Conversions Part 2

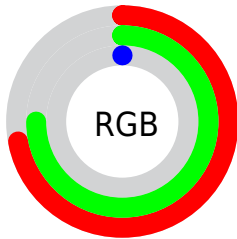
Format	Color
R _Y B	0, 191, 7
Decimal	12107520
CIE Lab	74.48, -20.37, 75.36
CIE LCh	74, 78.067, 105.123
Yxy	47.4520, 0.4129, 0.5103
Android (android.graphics.Color)	4290297600 (0xFFB8BF00)
YUV	167.1330, -82.3966, 14.7924
Hunter-Lab	68.8854, -21.0503, 42.0783

Details

The XYZ color **38.3980, 47.4520, 7.1354** is a dark color, and the websafe version is hex **CCCC00**. A complement of this color would be **9.4928, 3.8077, 49.5279**, and the grayscale version is **37.1676, 39.1032, 42.5834**.

A 20% lighter version of the original color is **72.0920, 86.3638, 20.8529**, and **17.6927, 22.6126, 3.4322** is the 20% darker color. If you saturate the color by 10%, you get **38.3988, 47.4541, 7.1357**, and if you desaturate by 10%, it is **38.6858, 47.5883, 7.7681**.

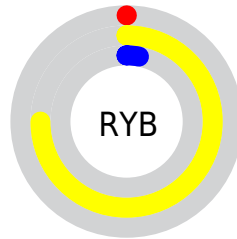
Distribution



Red (72%)

Green (75%)

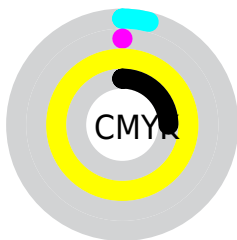
Blue (0%)



Red (0%)

Yellow (75%)

Blue (3%)

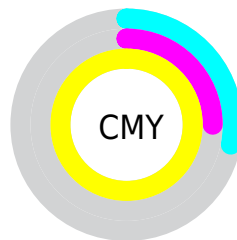


Cyan (4%)

Magenta (0%)

Yellow (100%)

Black (25%)



Cyan (28%)

Magenta (25%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 38.3980, 47.4520, 7.1354 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 38.3980, 47.4520, 7.1354 by changing the saturation by 10% instead.

■ 38.3980, 47.4520,
7.1354

■ 38.3980, 47.4520,
7.1354

330.5756,
376.6159, 178.4575

■ 26.4703, 33.3931,
3.4672

■ 72.0177, 86.3879,
20.7626

■ 17.3104, 22.4278,
1.3379

■ 94.4405, 112.0338,
31.5586

■ 10.5527, 14.1716,
0.0925

■ 121.0924,
142.3107, 45.5677

■ 5.8320, 8.2401,
0.0000

■ 152.3387,
177.6032, 63.2084

■ 2.7829, 4.2490,
0.0000

■ 188.5449,
218.2955, 84.8991

■ 1.0400, 1.8138,
0.0000

■ 230.0762,

■ 0.0000, 0.4957,

264.7721, 111.0585

0.0000

277.2980,
317.4175, 142.1051

■ 0.0000, 0.0000,
0.0000

■ 38.3980, 47.4520,
7.1354

■ 38.3980, 47.4520,
7.1354

■ 38.3988, 47.4541,
7.1357

■ 38.6858, 47.5883,
7.7681

■ 39.0898, 47.7695,
9.0129

■ 39.6529, 48.0143,
11.0912

■ 40.3964, 48.3315,
14.1149

■ 41.3382, 48.7280,
18.1787

■ 42.4941, 49.2103,
23.3658

■ 43.8784, 49.7840,
29.7508

■ 45.5040, 50.4544,
37.4023

■ 47.3829, 51.2262,
46.3833

Harmonies

Analogous

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



52.4189, 47.4520, 7.1123



38.3980, 47.4520, 7.1354



28.5025, 47.4520, 13.9870

Triad

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



38.3980, 47.4520, 7.1354



28.5633, 47.4520, 128.4312



76.6695, 47.4520, 74.2505

Complementary

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



38.3980, 47.4520, 7.1354



9.4928, 3.8077, 49.5279

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.



67.1459, 47.4520, 127.9986



38.3980, 47.4520, 7.1354



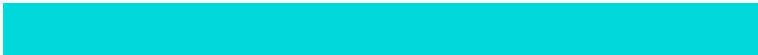
38.4992, 47.4520, 168.7411

Square

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



38.3980, 47.4520, 7.1354



23.6822, 47.4520, 74.6618



52.5435, 47.4520, 168.5510



76.6265, 47.4520, 33.9570

Rectangle

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



38.3980, 47.4520, 7.1354



24.7222, 47.4520, 25.4239



52.5435, 47.4520, 168.5510



74.4058, 47.4520, 91.6491

Sweetspot

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



38.3991, 47.4542, 7.1364



78.4513, 89.1042, 52.6728



21.5566, 11.2158, 1.0293



16.9854, 19.4664, 10.4454



92.9021, 97.7402, 106.4391



19.4759, 20.4902, 22.3138

Same Dimension

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



38.3991, 47.4542, 7.1364



68.7207, 84.9608, 12.7771



22.7661, 39.3951, 6.4048



10.2867, 11.1022, 10.1774



25.2491, 31.1923, 4.6899



0.9999, 1.2274, 0.1842

Inverse Universe

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



9.4928, 3.8077, 49.5279



16.9562, 6.7956, 88.6971



14.8707, 6.5801, 49.7796



9.0480, 9.2416, 11.9791



6.2528, 2.5095, 32.5477



0.2561, 0.1041, 1.2754

Previews

White Background



This preview shows how the XYZ color 38.3980, 47.4520, 7.1354 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 38.3980, 47.4520, 7.1354 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 38.3980, 47.4520, 7.1354

Background



This preview shows how black text looks on a background with the XYZ color 38.3980, 47.4520, 7.1354.



This preview shows how white text looks on a background with the XYZ color 38.3980, 47.4520,

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

38.3980, 47.4520, 7.1354

Protanopia

42.8726, 47.5464, 6.9177

Deuteranopia

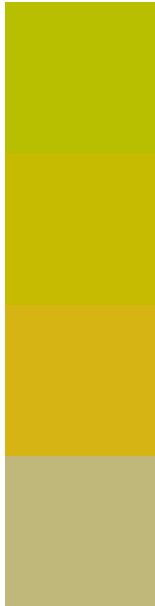
48.3254, 47.3548, 7.8217



Tritanopia

48.3503, 47.4727, 55.9050

Trichromacy



Original Color

38.3980, 47.4520, 7.1354

Protanomaly

41.3235, 47.6828, 7.0257

Deuteranomaly

44.1704, 46.9857, 7.3572

Tritanomaly

42.1846, 46.4786, 25.1603

Monochromacy



Original Color

38.3980, 47.4520, 7.1354

Achromatopsia

36.7301, 38.6429, 42.0822

Achromatomaly

35.3604, 40.9755, 19.6810

CSS Examples

Text

The CSS property to change the color of the text to XYZ 38.3980, 47.4520, 7.1354 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(184, 191, 0)` looks like.

```
.text, #text, p{  
    color:rgb(184, 191, 0)  
}
```

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(184, 191, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 191, 0) }
```

Border

The CSS property to change the border of an element to XYZ 38.3980, 47.4520, 7.1354 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(184, 191, 0) }
```


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

```
.border{ border-color:rgb(184, 191, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 191, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 191, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 191, 0);  
box-shadow:4px 4px 4px 4px rgb(184, 191,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 38.3980, 47.4520, 7.1354 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 191, 0) }
```

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

```
.background{ background-color: rgb(184,  
191, 0) }
```

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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