

Converting Colors

XYZ(39.5971, 46.1673, 6.8242)

Have a look what the booklet for
XYZ(39.5971, 46.1673, 6.8242)
contains.

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Color

**XYZ(39.5971, 46.1673,
6.8242)**

Conversions

Conversions Part 1

Format	Color
Hex	C2B900
RGB	194, 185, 0
RGB Percent	76%, 73%, 0%
CMY	0.2392, 0.2745, 0.9999
CMYK	0.00, 0.05, 1.00, 0.24
HSL	57°, 100%, 38%
HSV	57°, 100%, 76%
XYZ	39.5971, 46.1673, 6.8242
YIQ	166.6010, 64.7490, -55.6270

Conversions

Conversions Part 2

Format	Color
R_{YB}	9, 194, 0
Decimal	12761344
CIE _{Lab}	73.65, -13.01, 75.13
CIE _{LCh}	74, 76.250, 99.822
Yxy	46.1673, 0.4277, 0.4986
Android (android.graphics.Color)	4290951424 (0xFFC2B900)
YUV	166.6010, -82.1343, 24.0289
Hunter-Lab	67.9465, -14.8822, 41.6078

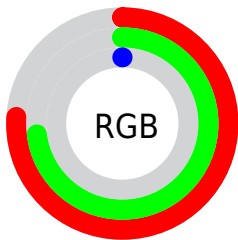
Details

The XYZ color **39.5971, 46.1673, 6.8242** is a dark color, and the websafe version is hex **CCCC33**.

The color can be described as dark washed orange. A complement of this color would be **9.8356, 4.0908, 51.3097**, and the grayscale version is **36.9033, 38.8252, 42.2806**.

A 20% lighter version of the original color is **73.8136, 84.5755, 20.2189**, and **18.4046, 21.7368, 3.2256** is the 20% darker color. If you saturate the color by 10%, you get **39.5978, 46.1691, 6.8245**, and if you desaturate by 10%, it is **39.9080, 46.5955, 7.5255**.

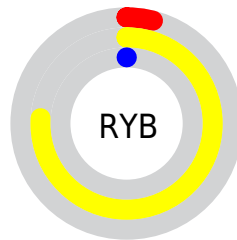
Distribution



Red (76%)

Green (73%)

Blue (0%)



Red (4%)

Yellow (76%)

Blue (0%)

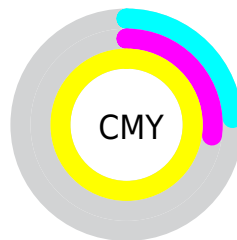


Cyan (0%)

Magenta (5%)

Yellow (100%)

Black (24%)



Cyan (24%)

Magenta (27%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the XYZ color 39.5971, 46.1673, 6.8242 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 39.5971, 46.1673, 6.8242 by changing the saturation by 10% instead.

■ 39.5971, 46.1673,
6.8242

■ 39.5971, 46.1673,
6.8242

335.5861,
371.4808, 175.7700

■ 27.4074, 32.3779,
3.2756

■ 73.8378, 84.4693,
20.1255

■ 18.0176, 21.6503,
1.2370

■ 96.6196, 109.7507,
30.7153

■ 11.0624, 13.6002,
0.0093

■ 123.6627,
139.6315, 44.4892

■ 6.1764, 7.8431,
0.0000

■ 155.3325,
174.4961, 61.8658

■ 2.9943, 3.9947,
0.0000

■ 191.9944,
214.7290, 83.2637

■ 1.1508, 1.6706,
0.0000

■ 234.0137,

■ 0.0669, 0.4045,

260.7145, 109.1013

0.0000

281.7558,
312.8369, 139.7972

■ 0.0000, 0.0000,
0.0000

■ 39.5971, 46.1673,
6.8242

■ 39.5971, 46.1673,
6.8242

■ 39.5978, 46.1691,
6.8245

■ 39.9080, 46.5955,
7.5255

■ 40.3400, 47.0722,
8.8635

■ 40.9373, 47.6170,
11.0657

■ 41.7219, 48.2386,
14.2485

■ 42.7125, 48.9445,
18.5101

■ 43.9255, 49.7414,
23.9372

■ 45.3757, 50.6350,
30.6073

■ 47.0766, 51.6309,
38.5916

■ 49.0407, 52.7339,
47.9556

Harmonies

Analogous

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



53.4639, 46.1673, 7.7839



39.5971, 46.1673, 6.8242



29.2597, 46.1673, 12.0466

Triad

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



39.5971, 46.1673, 6.8242



26.8016, 46.1673, 114.5419



73.0552, 46.1673, 80.5416

Complementary

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



39.5971, 46.1673, 6.8242



9.8356, 4.0908, 51.3097

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.



62.7054, 46.1673, 131.7814



39.5971, 46.1673, 6.8242



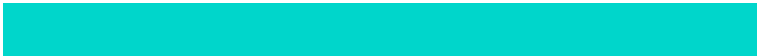
35.5170, 46.1673, 157.4108

Square

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



39.5971, 46.1673, 6.8242



22.9402, 46.1673, 64.0562



48.4625, 46.1673, 164.9669



74.7730, 46.1673, 38.6162

Rectangle

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



39.5971, 46.1673, 6.8242



25.0386, 46.1673, 21.3799



48.4625, 46.1673, 164.9669



70.3827, 46.1673, 97.7020

Sweetspot

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



39.5981, 46.1695, 6.8251



82.0722, 91.6559, 54.8119



22.3014, 11.4910, 1.3217



17.7156, 19.9152, 10.8134



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.



39.5981, 46.1695, 6.8251



71.6880, 83.5395, 12.3464



25.3201, 41.6910, 6.7132



10.8721, 11.6757, 10.7425



26.0518, 30.3893, 4.4926



1.1382, 1.3381, 0.1983

Inverse Universe

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



9.8356, 4.0908, 51.3097



17.7700, 7.3127, 92.9447



13.6973, 5.9367, 51.4624



9.5649, 9.8212, 12.6764



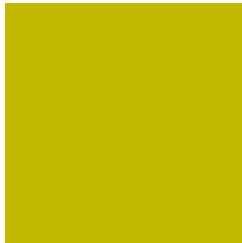
6.4830, 2.7226, 33.7404



0.2933, 0.1440, 1.4622

Previews

White Background



This preview shows how the XYZ color 39.5971, 46.1673, 6.8242 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 39.5971, 46.1673, 6.8242 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 39.5971, 46.1673, 6.8242

Background



This preview shows how black text looks on a background with the XYZ color 39.5971, 46.1673, 6.8242.

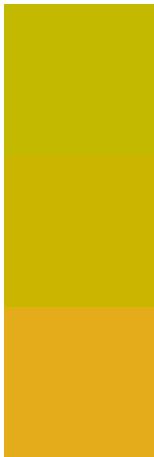


This preview shows how white text looks on a background with the XYZ color 39.5971, 46.1673,

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

39.5971, 46.1673, 6.8242

Protanopia

41.4257, 45.8851, 6.6733

Deuteranopia

46.9339, 46.0736, 7.3967



Tritanopia

48.9631, 46.1296, 52.2222

Trichromacy



Original Color

39.5971, 46.1673, 6.8242

Protanomaly

40.5474, 45.7353, 6.6907

Deuteranomaly

44.1422, 46.0837, 7.0988

Tritanomaly

43.3493, 45.3088, 23.6003

Monochromacy



Original Color

39.5971, 46.1673, 6.8242

Achromatopsia

36.7301, 38.6429, 42.0822

Achromatomaly

35.8690, 40.6598, 19.5933

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.5971, 46.1673, 6.8242 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(194, 185, 0)` looks like.

```
.text, #text, p{  
    color:rgb(194, 185, 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(194, 185, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 185, 0) }
```

Border

The CSS property to change the border of an element to XYZ 39.5971, 46.1673, 6.8242 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(194, 185, 0) }
```


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

```
.border{ border-color:rgb(194, 185, 0) }
```

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

Here you see how a box with a 4 pixel rgb(194, 185, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 185, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 185, 0);  
box-shadow:4px 4px 4px 4px rgb(194, 185,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 39.5971, 46.1673, 6.8242 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 185, 0) }
```

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

```
.background{ background-color: rgb(194,  
185, 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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