

Converting Colors

XYZ(39.3893, 46.7899, 6.9553)

Have a look what the booklet for
XYZ(39.3893, 46.7899, 6.9553)
contains.

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Color

**XYZ(39.2562, 46.6170,
6.9290)**

Conversions

Conversions Part 1

Format	Color
Hex	BFBB00
RGB	191, 187, 0
RGB Percent	75%, 73%, 0%
CMY	0.2510, 0.2666, 0.9999
CMYK	0.00, 0.02, 1.00, 0.25
HSL	59°, 100%, 37%
HSV	59°, 100%, 75%
XYZ	39.2562, 46.6170, 6.9290
YIQ	166.8780, 62.4110, -57.3090

Conversions

Conversions Part 2

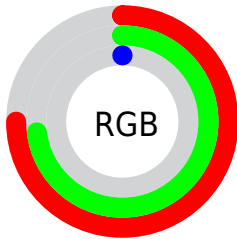
Format	Color
RYB	4, 191, 0
Decimal	12565248
CIELab	73.94, -15.33, 75.23
CIELCh	74, 76.774, 101.520
Yxy	46.6170, 0.4230, 0.5023
Android (android.graphics.Color)	4290755328 (0xFFBFBB00)
YUV	166.8780, -82.2709, 21.1550
Hunter-Lab	68.2766, -16.8541, 41.7767

Details

The XYZ color **39.2562, 46.6170, 6.9290** is a dark color, and the websafe version is hex **CCCC33**. A complement of this color would be **9.4478, 3.8489, 49.5348**, and the grayscale version is **37.0402, 38.9692, 42.4375**.

A 20% lighter version of the original color is **73.3195, 85.2045, 20.3663**, and **18.1980, 22.0367, 3.2944** is the 20% darker color. If you saturate the color by 10%, you get **39.2570, 46.6190, 6.9293**, and if you desaturate by 10%, it is **39.4606, 46.8363, 7.5821**.

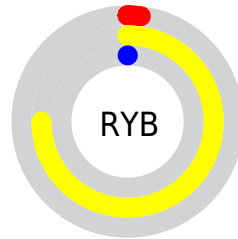
Distribution



Red (75%)

Green (73%)

Blue (0%)



Red (2%)

Yellow (75%)

Blue (0%)

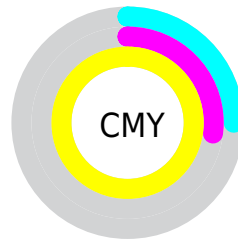


Cyan (0%)

Magenta (2%)

Yellow (100%)

Black (25%)



Cyan (25%)


Magenta (27%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.2562, 46.6170, 6.9290 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 39.2562, 46.6170, 6.9290 by changing the saturation by 10% instead.


 39.2562, 46.6170,
6.9290


 39.2562, 46.6170,
6.9290


334.1670,
373.2837, 176.6809


 27.1407, 32.7330,
3.3400


 73.3211, 85.1416,
20.3407

 17.8161, 21.9220,
1.2707


 96.0012, 110.5511,
31.0004


 10.9169, 13.7996,
0.0376


 122.9336,
140.5711, 44.8541

 6.0779, 7.9814,
0.0000

 154.4836,
175.5860, 62.3202

 2.9336, 4.0830,
0.0000

 191.0166,
215.9804, 83.8175

 1.1187, 1.7201,
0.0000

 232.8979,

 0.0407, 0.4366,

262.1385, 109.7643

0.0000

280.4929,
314.4448, 140.5793

■ 0.0000, 0.0000,
0.0000

■ 39.2562, 46.6170,
6.9290

■ 39.2562, 46.6170,
6.9290

■ 39.2570, 46.6190,
6.9293

■ 39.4606, 46.8363,
7.5821

■ 39.7805, 47.1005,
8.8472

■ 40.2590, 47.4284,
10.9458

■ 40.9172, 47.8286,
13.9898

■ 41.7732, 48.3083,
18.0739

■ 42.8427, 48.8738,
23.2811

■ 44.1398, 49.5307,
29.6864

■ 45.6777, 50.2843,
37.3579

■ 47.4683, 51.1393,
46.3590

Harmonies

Analogous

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



53.1864, 46.6170, 7.5761



39.2562, 46.6170, 6.9290



29.0493, 46.6170, 12.6512

Triad

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



39.2562, 46.6170, 6.9290



27.3772, 46.6170, 118.9247



74.2562, 46.6170, 78.5994

Complementary

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



39.2562, 46.6170, 6.9290



9.4478, 3.8489, 49.5348

Split Complementary

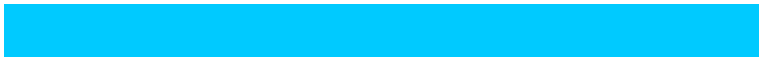
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



64.1479, 46.6170, 130.7093



39.2562, 46.6170, 6.9290



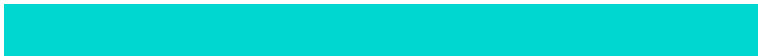
36.4772, 46.6170, 161.0846

Square

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



39.2562, 46.6170, 6.9290



23.1965, 46.6170, 67.3514



49.7757, 46.6170, 166.2541



75.4293, 46.6170, 37.1418

Rectangle

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



39.2562, 46.6170, 6.9290



24.9643, 46.6170, 22.6285



49.7757, 46.6170, 166.2541



71.7066, 46.6170, 95.8606

Sweetspot

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



39.2573, 46.6192, 6.9299



78.9326, 88.6493, 52.5596



21.5209, 11.0908, 1.1899



17.1057, 19.3525, 10.4171



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.



39.2573, 46.6192, 6.9299



70.2861, 83.4474, 12.4025



24.0963, 40.0790, 6.4666



10.3047, 11.0853, 10.1732



25.8072, 30.6532, 4.5565



1.0164, 1.2117, 0.1803

Inverse Universe

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



9.4478, 3.8489, 49.5348



16.8987, 6.8493, 88.7105



13.5378, 5.8930, 49.7138



9.0321, 9.2565, 11.9828



6.2161, 2.5438, 32.5563



0.2490, 0.1107, 1.2771

Previews

White Background



This preview shows how the XYZ color 39.2562, 46.6170, 6.9290 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 39.2562, 46.6170, 6.9290 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 39.2562, 46.6170, 6.9290

Background



This preview shows how black text looks on a background with the XYZ color 39.2562, 46.6170, 6.9290.

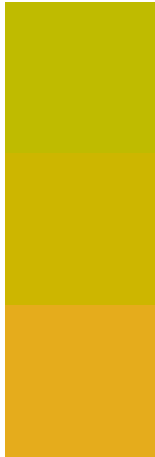


This preview shows how white text looks on a background with the XYZ color 39.2562, 46.6170,

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

39.2562, 46.6170, 6.9290

Protanopia

41.9048, 46.4350, 6.7542

Deuteranopia

47.2752, 46.2469, 7.5335



Tritanopia

48.7343, 46.5565, 53.4314

Trichromacy



Original Color

39.2562, 46.6170, 6.9290

Protanomaly

40.9599, 46.5603, 6.8282

Deuteranomaly

43.8557, 45.9350, 7.1272

Tritanomaly

43.0031, 45.7142, 24.0100

Monochromacy



Original Color

39.2562, 46.6170, 6.9290

Achromatopsia

36.7301, 38.6429, 42.0822

Achromatomaly

35.6421, 40.5428, 19.5827

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.2562, 46.6170, 6.9290 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(191, 187, 0)` looks like.

```
.text, #text, p{  
    color:rgb(191, 187, 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(191, 187, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 187, 0) }
```

Border

The CSS property to change the border of an element to XYZ 39.2562, 46.6170, 6.9290 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(191, 187, 0) }
```


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

```
.border{ border-color:rgb(191, 187, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 187, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 187, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 187, 0);  
box-shadow:4px 4px 4px 4px rgb(191, 187,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 39.2562, 46.6170, 6.9290 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 187, 0) }
```

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

```
.background{ background-color: rgb(191,  
187, 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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