

Converting Colors

XYZ(39.5469, 47.1050, 7.0078)

Have a look what the booklet for
XYZ(39.5469, 47.1050, 7.0078)
contains.

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Color

**XYZ(39.4691, 47.0428,
6.9999)**

Conversions

Conversions Part 1

Format	Color
Hex	BFBC00
RGB	191, 188, 0
RGB Percent	75%, 74%, 0%
CMY	0.2510, 0.2627, 0.9999
CMYK	0.00, 0.02, 1.00, 0.25
HSL	59°, 100%, 37%
HSV	59°, 100%, 75%
XYZ	39.4691, 47.0428, 6.9999
YIQ	167.4650, 62.1360, -57.8320

Conversions

Conversions Part 2

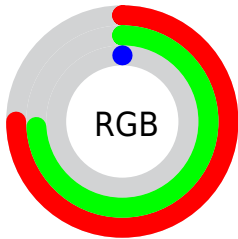
Format	Color
R _Y B	3, 191, 0
Decimal	12565504
CIE Lab	74.22, -15.84, 75.43
CIE LCh	74, 77.072, 101.858
Yxy	47.0428, 0.4221, 0.5031
Android (android.graphics.Color)	4290755584 (0xFFBFBC00)
YUV	167.4650, -82.5602, 20.6402
Hunter-Lab	68.5878, -17.3100, 41.9604

Details

The XYZ color **39.4691, 47.0428, 6.9999** is a dark color, and the websafe version is hex **CCCC00**. A complement of this color would be **9.4369, 3.8271, 49.5312**, and the grayscale version is **37.3295, 39.2735, 42.7689**.

A 20% lighter version of the original color is **73.6195, 85.8047, 20.4664**, and **18.3368, 22.3145, 3.3407** is the 20% darker color. If you saturate the color by 10%, you get **39.4700, 47.0448, 7.0003**, and if you desaturate by 10%, it is **39.6527, 47.2205, 7.6460**.

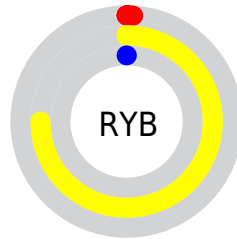
Distribution



Red (75%)

Green (74%)

Blue (0%)



Red (1%)

Yellow (75%)

Blue (0%)

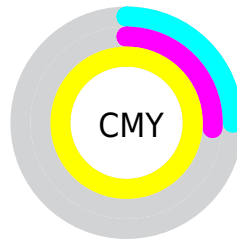


Cyan (0%)

Magenta (2%)

Yellow (100%)

Black (25%)



Cyan (25%)


Magenta (26%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.4691, 47.0428, 6.9999 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 39.4691, 47.0428, 6.9999 by changing the saturation by 10% instead.


 39.4691, 47.0428,
6.9999


 39.4691, 47.0428,
6.9999

335.0537,
374.9853, 177.2938

 27.3072, 33.0695,
3.3836


 73.6439, 85.7775,
20.4859


 17.9419, 22.1797,
1.2937


 96.3875, 111.3077,
31.1926


 11.0077, 13.9890,
0.0566


 123.3891,
141.4590, 45.0999

 6.1393, 8.1130,
0.0000

 155.0140,
176.6157, 62.6263

 2.9715, 4.1673,
0.0000

 191.6275,
217.1623, 84.1904

 1.1387, 1.7676,
0.0000

 233.5951,

 0.0571, 0.4669,

263.4832, 110.2106

0.0000

281.2820,
315.9627, 141.1056

■ 0.0000, 0.0000,
0.0000

■ 39.4691, 47.0428,
6.9999

■ 39.4691, 47.0428,
6.9999

■ 39.4700, 47.0448,
7.0003

■ 39.6527, 47.2205,
7.6460

■ 39.9517, 47.4428,
8.9040

■ 40.4091, 47.7286,
10.9956

■ 41.0462, 48.0866,
14.0324

■ 41.8808, 48.5238,
18.1093

■ 42.9289, 49.0465,
23.3093

■ 44.2047, 49.6606,
29.7073

■ 45.7210, 50.3710,
37.3715

■ 47.4898, 51.1828,
46.3652

Harmonies

Analogous

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



53.5120, 47.0428, 7.5888



39.4691, 47.0428, 6.9999



29.2152, 47.0428, 12.8665

Triad

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



39.4691, 47.0428, 6.9999



27.6910, 47.0428, 120.6786



75.0338, 47.0428, 78.7745

Complementary

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



39.4691, 47.0428, 6.9999



9.4369, 3.8271, 49.5312

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.



64.9028, 47.0428, 131.4317



39.4691, 47.0428, 6.9999



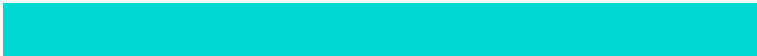
36.9352, 47.0428, 162.9916

Square

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



39.4691, 47.0428, 6.9999



23.4149, 47.0428, 68.5148



50.4014, 47.0428, 167.7094



76.1039, 47.0428, 37.1146

Rectangle

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



39.4691, 47.0428, 6.9999



25.1283, 47.0428, 23.0490



50.4014, 47.0428, 167.7094



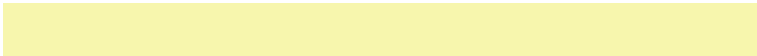
72.4912, 47.0428, 96.1791

Sweetspot

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



39.4702, 47.0450, 7.0009



79.0507, 88.8857, 52.5990



21.5035, 11.0837, 1.0980



17.1353, 19.4117, 10.4269



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.



39.4702, 47.0450, 7.0009



70.6734, 84.2219, 12.5316



23.7428, 39.8968, 6.4500



10.3091, 11.0942, 10.1747



25.9452, 30.9293, 4.6025



1.0204, 1.2198, 0.1817

Inverse Universe

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



9.4369, 3.8271, 49.5312



16.8847, 6.8212, 88.7058



13.8504, 6.0541, 49.7285



9.0282, 9.2487, 11.9815



6.2071, 2.5259, 32.5533



0.2473, 0.1072, 1.2765

Previews

White Background



This preview shows how the XYZ color 39.4691, 47.0428, 6.9999 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 39.4691, 47.0428, 6.9999 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 39.4691, 47.0428, 6.9999

Background



This preview shows how black text looks on a background with the XYZ color 39.4691, 47.0428, 6.9999.



This preview shows how white text looks on a background with the XYZ color 39.4691, 47.0428,

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

39.4691, 47.0428, 6.9999

Protanopia

42.3871, 46.9888, 6.8357

Deuteranopia

47.7863, 46.7940, 7.6121



Tritanopia

49.0357, 46.9873, 54.0619

Trichromacy



Original Color

39.4691, 47.0428, 6.9999

Protanomaly

41.4364, 47.1154, 6.9103

Deuteranomaly

44.3485, 46.4834, 7.2070

Tritanomaly

43.2646, 46.1407, 24.3951

Monochromacy



Original Color

39.4691, 47.0428, 6.9999

Achromatopsia

36.7301, 38.6429, 42.0822

Achromatomaly

35.8360, 40.9307, 19.6473

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.4691, 47.0428, 6.9999 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, 188, 0)` looks like.

```
.text, #text, p{  
    color:rgb(191, 188, 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, 188, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 188, 0) }
```

Border

The CSS property to change the border of an element to XYZ 39.4691, 47.0428, 6.9999 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, 188, 0) }
```


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

```
.border{ border-color:rgb(191, 188, 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, 188, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 188, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 188, 0);  
box-shadow:4px 4px 4px 4px rgb(191, 188,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 39.4691, 47.0428, 6.9999 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 188, 0) }
```

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

```
.background{ background-color: rgb(191,  
188, 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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