

Converting Colors

XYZ(39.7989, 45.1644, 7.4150)

Have a look what the booklet for
XYZ(39.7989, 45.1644, 7.4150)
contains.

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Color

**XYZ(39.7045, 44.9799,
7.4000)**

Conversions

Conversions Part 1

Format	Color
Hex	C5B517
RGB	197, 181, 23
RGB Percent	77%, 71%, 9%
CMY	0.2275, 0.2902, 0.9098
CMYK	0.00, 0.08, 0.88, 0.23
HSL	54°, 79%, 43%
HSV	54°, 88%, 77%
XYZ	39.7045, 44.9799, 7.4000
YIQ	167.7720, 60.2540, -45.7460

Conversions

Conversions Part 2

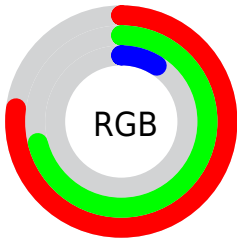
Format	Color
R_{YB}	41, 197, 23
Decimal	12956951
CIE _{Lab}	72.88, -9.33, 71.62
CIE _{LCh}	73, 72.226, 97.421
Yxy	44.9799, 0.4312, 0.4885
Android (android.graphics.Color)	4291147031 (0xFFC5B517)
YUV	167.7720, -71.3726, 25.6330
Hunter-Lab	67.0671, -11.6932, 40.4050

Details

The XYZ color **39.7045, 44.9799, 7.4000** is a dark color, and the websafe version is hex **CCCC33**. The color can be described as middle washed orange. A complement of this color would be **11.1573, 5.6649, 53.3283**, and the grayscale version is **37.4275, 39.3766, 42.8811**.

A 20% lighter version of the original color is **73.2856, 82.5330, 21.3004**, and **18.4977, 21.1895, 3.1150** is the 20% darker color. If you saturate the color by 10%, you get **39.2030, 44.1957, 6.5595**, and if you desaturate by 10%, it is **40.3522, 45.8338, 8.9778**.

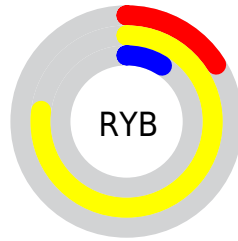
Distribution



Red (77%)

Green (71%)

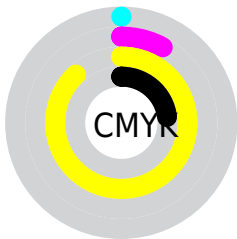
Blue (9%)



Red (16%)

Yellow (77%)

Blue (9%)

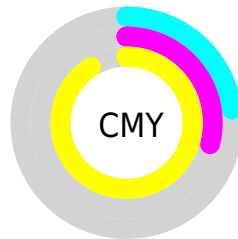


Cyan (0%)

Magenta (8%)

Yellow (88%)

Black (23%)



Cyan (23%)


Magenta (29%)


Yellow (91%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.7045, 44.9799, 7.4000 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 39.7045, 44.9799, 7.4000 by changing the saturation by 10% instead.


 39.7045, 44.9799,
7.4000


 39.7045, 44.9799,
7.4000


336.0323,
366.6921, 180.7023

 27.4914, 31.4416,
3.6313


 74.0005, 82.6902,
21.2999

 18.0811, 20.9353,
1.4253


 96.8142, 107.6311,
32.2682


 11.1083, 13.0767,
0.1614


 123.8921,
137.1415, 46.4734

 6.2075, 7.4814,
0.0000

 155.5995,
171.6060, 64.3341

 3.0135, 3.7650,
0.0000

 192.3019,
211.4089, 86.2688

 1.1609, 1.5430,
0.0000

 234.3646,

 0.0752, 0.3187,

256.9347, 112.6960

0.0000

282.1530,
308.5676, 144.0344

■ 0.0000, 0.0000,
0.0000

■ 39.7045, 44.9799,
7.4000

■ 39.7045, 44.9799,
7.4000

■ 39.2030, 44.1957,
6.5595

■ 40.3522, 45.8338,
8.9778

■ 39.1238, 44.0663,
6.4436

■ 41.1777, 46.7647,
11.4730

■ 42.2044, 47.7838,
15.0036

■ 43.4512, 48.8988,
19.6696

■ 44.9349, 50.1162,
25.5590

■ 46.6706, 51.4422,
32.7512

■ 48.6720, 52.8824,
41.3191

■ 50.9521, 54.4419,
51.3299

■ 53.5228, 56.1255,
62.8466

Harmonies

Analogous

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



52.7246, 44.9799, 8.8240



39.7045, 44.9799, 7.4000



29.6777, 44.9799, 11.9956

Triad

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



39.7045, 44.9799, 7.4000



26.2801, 44.9799, 104.2593



69.1910, 44.9799, 80.6672

Complementary

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



39.7045, 44.9799, 7.4000



11.1573, 5.6649, 53.3283

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.



59.1931, 44.9799, 127.1299



39.7045, 44.9799, 7.4000



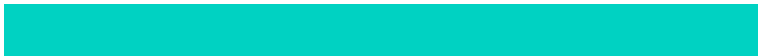
34.1236, 44.9799, 144.7823

Square

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



39.7045, 44.9799, 7.4000



22.9777, 44.9799, 58.4749



45.9517, 44.9799, 154.7412



71.4918, 44.9799, 40.5649

Rectangle

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



39.7045, 44.9799, 7.4000



25.4422, 44.9799, 20.3496



45.9517, 44.9799, 154.7412



66.5358, 44.9799, 96.5288

Sweetspot

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



39.7055, 44.9820, 7.4009



84.2392, 92.6139, 61.4099



23.7224, 12.6395, 3.2336



17.7784, 19.6366, 12.0803



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.



39.7055, 44.9820, 7.4009



69.9726, 78.7251, 11.5075



28.9336, 44.5373, 7.8828



11.4373, 12.2438, 11.3232



25.7662, 29.0495, 4.2491



1.2450, 1.4254, 0.2095

Inverse Universe

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



11.1573, 5.6649, 53.3283



18.3652, 7.8505, 95.1551



14.8591, 6.9511, 53.3815



10.1338, 10.4417, 13.3988



6.7997, 2.9932, 34.9637



0.3495, 0.1968, 1.6647

Previews

White Background



This preview shows how the XYZ color 39.7045, 44.9799, 7.4000 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 39.7045, 44.9799, 7.4000 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 39.7045, 44.9799, 7.4000

Background



This preview shows how black text looks on a background with the XYZ color 39.7045, 44.9799, 7.4000.



This preview shows how white text looks on a background with the XYZ color 39.7045, 44.9799,

7.4000.

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

39.7045, 44.9799, 7.4000

Protanopia

40.6220, 44.8547, 7.2759

Deuteranopia

45.9995, 45.0225, 7.6323



Tritanopia

48.3555, 44.7514, 49.8053

Trichromacy



Original Color

39.7045, 44.9799, 7.4000

Protanomaly

40.2855, 44.9798, 7.3178

Deuteranomaly

43.3822, 44.8079, 7.5247

Tritanomaly

43.4835, 44.1797, 25.3045

Monochromacy



Original Color

39.7045, 44.9799, 7.4000

Achromatopsia

37.2190, 39.1572, 42.6422

Achromatomaly

36.6285, 40.7087, 22.1467

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.7045, 44.9799, 7.4000 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(197, 181, 23)` looks like.

```
.text, #text, p{  
    color:rgb(197, 181, 23)  
}
```

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(197, 181, 23) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 181, 23) }
```

Border

The CSS property to change the border of an element to XYZ 39.7045, 44.9799, 7.4000 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(197, 181, 23) }
```


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

```
.border{ border-color:rgb(197, 181, 23) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 181, 23)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 181, 23); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 181, 23);  
box-shadow:4px 4px 4px 4px rgb(197, 181,  
23) }
```

Background

The CSS property to change the background color of an element to XYZ 39.7045, 44.9799, 7.4000 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 181, 23) }
```

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

```
.background{ background-color: rgb(197,  
181, 23) }
```

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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