

Converting Colors

XYZ(39.4330, 44.9364, 6.5953)

Have a look what the booklet for
XYZ(39.4330, 44.9364, 6.5953)
contains.

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Color

**XYZ(39.2888, 44.7835,
6.5733)**

Conversions

Conversions Part 1

Format	Color
Hex	C4B500
RGB	196, 181, 0
RGB Percent	77%, 71%, 0%
CMY	0.2314, 0.2902, 0.9999
CMYK	0.00, 0.08, 1.00, 0.23
HSL	55°, 100%, 38%
HSV	55°, 100%, 77%
XYZ	39.2888, 44.7835, 6.5733
YIQ	164.8510, 67.0410, -53.1110

Conversions

Conversions Part 2

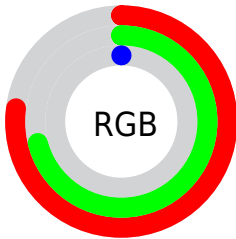
Format	Color
RYB	16, 196, 0
Decimal	12891392
CIELab	72.75, -10.08, 74.56
CIELCh	73, 75.236, 97.699
Yxy	44.7835, 0.4334, 0.4941
Android (android.graphics.Color)	4291081472 (0xFFC4B500)
YUV	164.8510, -81.2715, 27.3177
Hunter-Lab	66.9205, -12.3140, 41.0205

Details

The XYZ color **39.2888, 44.7835, 6.5733** 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 **10.1349, 4.3276, 52.5252**, and the grayscale version is **36.0496, 37.9270, 41.3025**.

A 20% lighter version of the original color is **72.6834, 81.8301, 19.5534**, and **18.3315, 21.1038, 3.1073** is the 20% darker color. If you saturate the color by 10%, you get **39.2894, 44.7851, 6.5736**, and if you desaturate by 10%, it is **39.7192, 45.4479, 7.3230**.

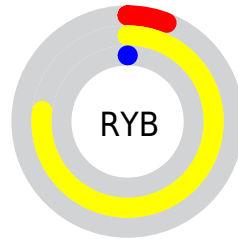
Distribution



Red (77%)

Green (71%)

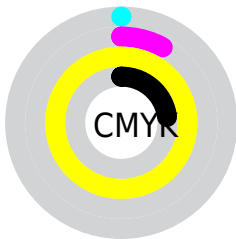
Blue (0%)



Red (6%)

Yellow (77%)

Blue (0%)

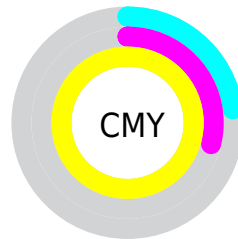


Cyan (0%)

Magenta (8%)

Yellow (100%)

Black (23%)



Cyan (23%)


Magenta (29%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.2888, 44.7835, 6.5733 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 39.2888, 44.7835, 6.5733 by changing the saturation by 10% instead.


 39.2888, 44.7835,
6.5733


 39.2888, 44.7835,
6.5733


334.3028,
365.8960, 173.5637


 27.1662, 31.2869,
3.1223


 73.3705, 82.3954,
19.6076

 17.8353, 20.8174,
1.1574


 96.0604, 107.2796,
30.0279


 10.9308, 12.9906,
0.0000


 123.0034,
136.7284, 43.6085

 6.0873, 7.4221,
0.0000

 154.5649,
171.1263, 60.7679

 2.9394, 3.7274,
0.0000

 191.1102,
210.8575, 81.9245

 1.1218, 1.5223,
0.0000

 233.0048,

 0.0432, 0.3043,

256.3067, 107.4970

0.0000

280.6138,
307.8580, 137.9039

■ 0.0000, 0.0000,
0.0000

■ 39.2888, 44.7835,
6.5733

■ 39.2888, 44.7835,
6.5733

■ 39.2894, 44.7851,
6.5736

■ 39.7192, 45.4479,
7.3230

■ 40.2760, 46.1664,
8.7266

■ 41.0040, 46.9587,
11.0157

■ 41.9260, 47.8338,
14.3095

■ 43.0610, 48.7995,
18.7092

■ 44.4260, 49.8626,
24.3034

■ 46.0362, 51.0290,
31.1718

■ 47.9052, 52.3043,
39.3872

■ 50.0460, 53.6937,
49.0170

Harmonies

Analogous

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



52.8248, 44.7835, 7.8974



39.2888, 44.7835, 6.5733



28.9806, 44.7835, 11.1203

Triad

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



39.2888, 44.7835, 6.5733



25.6257, 44.7835, 107.2952



70.2860, 44.7835, 81.4654

Complementary

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



39.2888, 44.7835, 6.5733



10.1349, 4.3276, 52.5252

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.



59.8443, 44.7835, 130.6842



39.2888, 44.7835, 6.5733



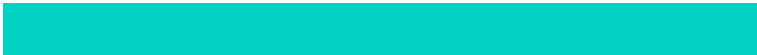
33.7286, 44.7835, 150.1708

Square

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



39.2888, 44.7835, 6.5733



22.2128, 44.7835, 59.0457



46.0192, 44.7835, 160.4110



72.6195, 44.7835, 39.7469

Rectangle

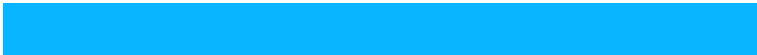
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



39.2888, 44.7835, 6.5733



24.6707, 44.7835, 19.5404



46.0192, 44.7835, 160.4110



67.5180, 44.7835, 98.1801

Sweetspot

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



39.2898, 44.7856, 6.5742



83.2474, 92.3369, 55.8184



22.8611, 11.7745, 1.5718



17.5411, 19.5660, 10.7552



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.



39.2898, 44.7856, 6.5742



71.0891, 80.9582, 11.8797



26.7236, 43.0798, 6.9073



10.8454, 11.6222, 10.7336



25.2738, 28.8335, 4.2333



1.1120, 1.2857, 0.1896

Inverse Universe

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



10.1349, 4.3276, 52.5252



18.2916, 7.7032, 95.1305



13.4155, 5.7652, 52.6298



9.5889, 9.8690, 12.6844



6.5372, 2.8309, 33.7585



0.3041, 0.1657, 1.4658

Previews

White Background



This preview shows how the XYZ color 39.2888, 44.7835, 6.5733 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 39.2888, 44.7835, 6.5733 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 39.2888, 44.7835, 6.5733

Background



This preview shows how black text looks on a background with the XYZ color 39.2888, 44.7835, 6.5733.

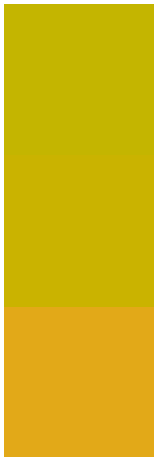


This preview shows how white text looks on a background with the XYZ color 39.2888, 44.7835,

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

39.2888, 44.7835, 6.5733

Protanopia

40.4772, 44.7968, 6.5133

Deuteranopia

45.7169, 44.6106, 7.0653



Tritanopia

48.0752, 44.6069, 49.7922

Trichromacy



Original Color

39.2888, 44.7835, 6.5733

Protanomaly

40.1407, 44.9219, 6.5551

Deuteranomaly

43.0541, 44.3687, 6.7468

Tritanomaly

42.6667, 43.8215, 22.4293

Monochromacy



Original Color

39.2888, 44.7835, 6.5733

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

35.0172, 39.3758, 19.1193

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.2888, 44.7835, 6.5733 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(196, 181, 0)` looks like.

```
.text, #text, p{  
    color:rgb(196, 181, 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(196, 181, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 181, 0) }
```

Border

The CSS property to change the border of an element to XYZ 39.2888, 44.7835, 6.5733 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(196, 181, 0) }
```


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

```
.border{ border-color:rgb(196, 181, 0) }
```

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

Here you see how a box with a 4 pixel rgb(196, 181, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 181, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 181, 0);  
box-shadow:4px 4px 4px 4px rgb(196, 181,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 39.2888, 44.7835, 6.5733 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 181, 0) }
```

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

```
.background{ background-color: rgb(196,  
181, 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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