

Converting Colors

XYZ(39.6855, 44.9982, 6.5940)

Have a look what the booklet for
XYZ(39.6855, 44.9982, 6.5940)
contains.

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Color

**XYZ(39.5498, 44.9181,
6.5856)**

Conversions

Conversions Part 1

Format	Color
Hex	C5B500
RGB	197, 181, 0
RGB Percent	77%, 71%, 0%
CMY	0.2275, 0.2902, 0.9999
CMYK	0.00, 0.08, 1.00, 0.23
HSL	55°, 100%, 39%
HSV	55°, 100%, 77%
XYZ	39.5498, 44.9181, 6.5856
YIQ	165.1500, 67.6370, -52.8990

Conversions

Conversions Part 2

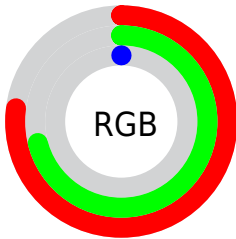
Format	Color
R_{YB}	17, 197, 0
Decimal	12956928
CIE _{Lab}	72.84, -9.64, 74.66
CIE _{LCh}	73, 75.281, 97.356
Yxy	44.9181, 0.4344, 0.4933
Android (android.graphics.Color)	4291147008 (0xFFC5B500)
YUV	165.1500, -81.4189, 27.9324
Hunter-Lab	67.0210, -11.9519, 41.0887

Details

The XYZ color **39.5498, 44.9181, 6.5856** 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 **10.2637, 4.4023, 53.1315**, and the grayscale version is **36.1944, 38.0793, 41.4684**.

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 **39.5504, 44.9195, 6.5858**, and if you desaturate by 10%, it is **40.0016, 45.6240, 7.3468**.

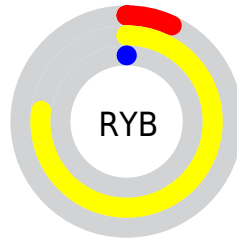
Distribution



Red (77%)

Green (71%)

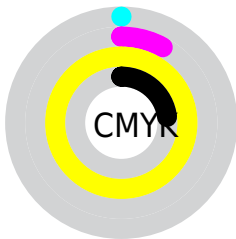
Blue (0%)



Red (7%)

Yellow (77%)

Blue (0%)

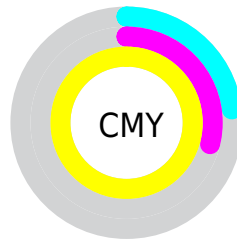


Cyan (0%)

Magenta (8%)

Yellow (100%)

Black (23%)



Cyan (23%)


Magenta (29%)


Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the XYZ color 39.5498, 44.9181, 6.5856 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 39.5498, 44.9181, 6.5856 by changing the saturation by 10% instead.


 39.5498, 44.9181,
6.5856


 39.5498, 44.9181,
6.5856


335.3894,
366.4418, 173.6727


 27.3703, 31.3929,
3.1298


 73.7662, 82.5975,
19.6330


 17.9896, 20.8982,
1.1613


 96.5338, 107.5205,
30.0618


 11.0422, 13.0496,
0.0000


 123.5616,
137.0116, 43.6519

 6.1627, 7.4627,
0.0000

 155.2148,
171.4551, 60.8220

 2.9859, 3.7531,
0.0000

 191.8588,
211.2355, 81.9906

 1.1463, 1.5365,
0.0000

 233.8591,

 0.0633, 0.3142,

256.7372, 107.5762

0.0000

281.5808,
308.3444, 137.9974

■ 0.0000, 0.0000,
0.0000

■ 39.5498, 44.9181,
6.5856

■ 39.5498, 44.9181,
6.5856

■ 39.5504, 44.9195,
6.5858

■ 40.0016, 45.6240,
7.3468

■ 40.5819, 46.3855,
8.7705

■ 41.3359, 47.2225,
11.0902

■ 42.2865, 48.1442,
14.4268

■ 43.4532, 49.1584,
18.8826

■ 44.8530, 50.2719,
24.5475

■ 46.5014, 51.4909,
31.5020

■ 48.4122, 52.8210,
39.8201

■ 50.5985, 54.2675,
49.5698

Harmonies

Analogous

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



53.1400, 44.9181, 7.9781



39.5498, 44.9181, 6.5856



29.1649, 44.9181, 11.0643

Triad

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



39.5498, 44.9181, 6.5856



25.6430, 44.9181, 107.0110



70.4041, 44.9181, 82.2573

Complementary

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



39.5498, 44.9181, 6.5856



10.2637, 4.4023, 53.1315

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.



59.8668, 44.9181, 131.5410



39.5498, 44.9181, 6.5856



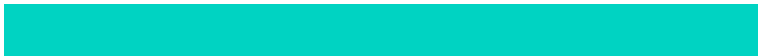
33.7142, 44.9181, 150.2181

Square

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



39.5498, 44.9181, 6.5856



22.2731, 44.9181, 58.7346



45.9991, 44.9181, 160.9559



72.8519, 44.9181, 40.2438

Rectangle

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



39.5498, 44.9181, 6.5856



24.8069, 44.9181, 19.4103



45.9991, 44.9181, 160.9559



67.5996, 44.9181, 99.0320

Sweetspot

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



39.5508, 44.9202, 6.5865



83.1366, 92.1153, 55.7814



23.1227, 11.9093, 1.5875



17.5141, 19.5122, 10.7462



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.



39.5508, 44.9202, 6.5865



70.7471, 80.2741, 11.7657



27.0264, 43.5718, 6.9863



11.4474, 12.2639, 11.3266



26.0435, 29.6041, 4.3415



1.2555, 1.4464, 0.2130

Inverse Universe

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



10.2637, 4.4023, 53.1315



18.3128, 7.7455, 95.1376



13.5661, 5.8297, 53.2329



10.1247, 10.4236, 13.3958



6.7759, 2.9458, 34.9558



0.3453, 0.1885, 1.6633

Previews

White Background



This preview shows how the XYZ color 39.5498, 44.9181, 6.5856 looks on a white background.

Color Contrast Check

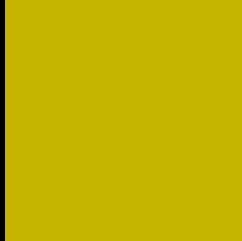
Large Text (above 18pt) WCAG AA × Fail

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 39.5498, 44.9181, 6.5856 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 39.5498, 44.9181, 6.5856

Background



This preview shows how black text looks on a background with the XYZ color 39.5498, 44.9181, 6.5856.

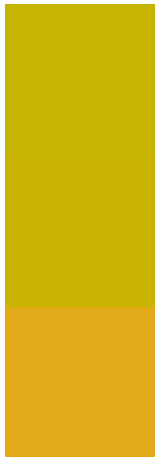


This preview shows how white text looks on a background with the XYZ color 39.5498, 44.9181,

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

39.5498, 44.9181, 6.5856

Protanopia

40.4772, 44.7968, 6.5133

Deuteranopia

45.9036, 44.9841, 7.1276



Tritanopia

48.3555, 44.7514, 49.8053

Trichromacy



Original Color

39.5498, 44.9181, 6.5856

Protanomaly

40.1407, 44.9219, 6.5551

Deuteranomaly

43.2466, 44.7537, 6.8109

Tritanomaly

42.9399, 43.9623, 22.4421

Monochromacy



Original Color

39.5498, 44.9181, 6.5856

Achromatopsia

35.7637, 37.6262, 40.9749

Achromatomaly

35.2442, 39.4929, 19.1299

CSS Examples

Text

The CSS property to change the color of the text to XYZ 39.5498, 44.9181, 6.5856 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, 0)` looks like.

```
.text, #text, p{  
    color:rgb(197, 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(197, 181, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 181, 0) }
```

Border

The CSS property to change the border of an element to XYZ 39.5498, 44.9181, 6.5856 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, 0) }
```


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

```
.border{ border-color:rgb(197, 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(197, 181, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 181, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 181, 0);  
box-shadow:4px 4px 4px 4px rgb(197, 181,  
0) }
```

Background

The CSS property to change the background color of an element to XYZ 39.5498, 44.9181, 6.5856 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, 0) }
```

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

```
.background{ background-color: rgb(197,  
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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