

Converting Colors

YUV(151.0200, -60.6489,
39.4475)

Have a look what the booklet for
YUV(151.0200, -60.6489, 39.4475)
contains.

YUV(151.0200, -60.6489, 39.4475)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(151.0200, -60.6489,
39.4475)**

Conversions

Conversions Part 1

Format	Color
Hex	C4981C
RGB	196, 152, 28
RGB Percent	77%, 60%, 11%
CMY	0.2314, 0.4039, 0.8902
CMYK	0.00, 0.22, 0.86, 0.23
HSL	44°, 75%, 44%
HSV	44°, 86%, 77%
XYZ	34.2028, 34.2761, 5.9119
YIQ	151.0200, 66.0280, -29.2360

Conversions

Conversions Part 2

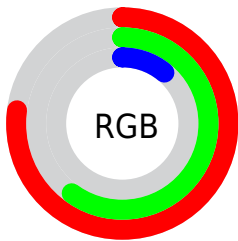
Format	Color
R_{YB}	88, 196, 28
Decimal	12883996
CIE _{Lab}	65.18, 5.72, 64.23
CIE _{LCh}	65, 64.489, 84.910
Yxy	34.2761, 0.4598, 0.4608
Android (android.graphics.Color)	4291074076 (0xFFC4981C)
YUV	151.0200, -60.6489, 39.4475
Hunter-Lab	58.5458, 1.8257, 34.9950

Details

The YUV color **151.0200, -60.6489, 39.4475** is a dark color, and the websafe version is hex **CC9900**. The color can be described as dark washed orange. A complement of this color would be **72.9800, 60.6489, -39.4475**, and the grayscale version is **152.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **206.9710, -59.6387, 42.1214**, and **100.8370, -49.7126, 31.7150** is the 20% darker color. If you saturate the color by 10%, you get **145.8050, -67.9379, 44.0210**, and if you desaturate by 10%, it is **156.2350, -53.3599, 34.8739**.

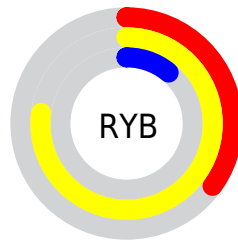
Distribution



Red (77%)

Green (60%)

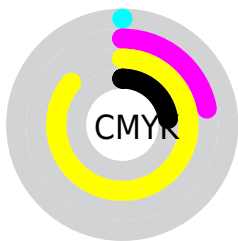
Blue (11%)



Red (35%)

Yellow (77%)

Blue (11%)

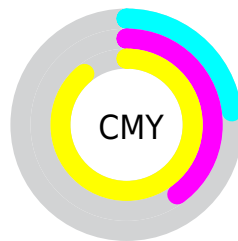


Cyan (0%)

Magenta (22%)

Yellow (86%)

Black (23%)



Cyan (23%)

Magenta (40%)

Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the YUV color 151.0200, -60.6489, 39.4475 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 YUV color 151.0200, -60.6489, 39.4475 by changing the saturation by 10% instead.

■ 151.0200,
-60.6489, 39.4475

■ 151.0200,
-60.6489, 39.4475

■ 255.0000, 0.0000,
0.0000

■ 123.5960,
-60.9328, 37.1883

■ 206.9710,
-59.6387, 42.1214

■ 100.8370,
-49.7126, 31.7150

■ 226.4850,
-55.9481, 25.0077

■ 78.3770, -38.6399,
26.8564

■ 242.0040,
-49.7950, 11.3975

■ 56.5040, -27.8565,
21.4830

■ 245.1960,
-37.5646, 8.5981

■ 36.4030, -17.9467,
16.3096

■ 248.3880,
-25.3343, 5.7987

■ 16.9000, -8.3317,
12.3657

■ 251.6940,

■ 0.0000, 0.0000,

-12.6671, 2.8994

0.0000

■ 151.0200,
-60.6489, 39.4475

■ 151.0200,
-60.6489, 39.4475

■ 145.8050,
-67.9379, 44.0210

■ 156.2350,
-53.3599, 34.8739

■ 143.7190,
-70.8535, 45.8504

■ 161.3360,
-46.5076, 30.4003

■ 166.5510,
-39.2186, 25.8268

■ 172.2390,
-32.6558, 20.8384

■ 177.4540,
-25.3668, 16.2648

■ 182.6690,
-18.0778, 11.6913

■ 187.7700,
-11.2256, 7.2177

■ 192.9850, -3.9366,
2.6442

■ 198.0860, 2.9156,
-1.8294

Harmonies

Analogous

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



154.0670, -44.8960, 73.6092



151.0200, -60.6489, 39.4475



146.0360, -51.7827, -4.4166

Triad

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



151.0200, -60.6489, 39.4475



131.9650, 36.0063, -115.7333



162.7450, 30.6917, 49.3356

Complementary

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



151.0200, -60.6489, 39.4475



72.9800, 60.6489, -39.4475

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.



157.2190, 48.2060, -15.1011



151.0200, -60.6489, 39.4475



134.3880, 57.9827, -117.8583

Square

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



151.0200, -60.6489, 39.4475



125.2390, 10.2352, -109.8346



127.6860, 62.7658, -111.9806



156.7870, 7.0070, 86.1328

Rectangle

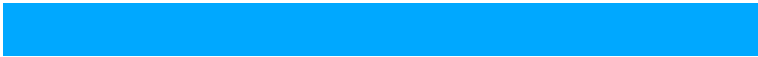
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



151.0200, -60.6489, 39.4475



140.0990, -34.0658, -40.4288



127.6860, 62.7658, -111.9806



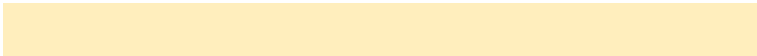
162.9860, 38.4609, 30.7073

Sweetspot

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



151.0200, -60.6489, 39.4475



237.4970, -23.9090, 15.3501



83.3620, -5.1085, 98.7835



116.9830, -14.2886, 9.6619



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



151.0200, -60.6489, 39.4475



186.6010, -91.9943, 59.9859



165.1870, -67.6332, -7.1800



94.0990, -3.4998, 2.5442



117.9920, -58.1701, 37.7180



23.9550, -11.8098, 7.9325

Inverse Universe

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



72.9800, 60.6489, -39.4475



68.3990, 91.9943, -59.9859



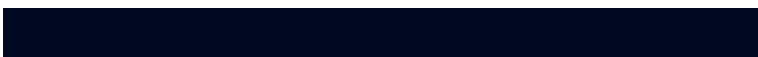
58.8130, 67.6332, 7.1800



89.9010, 3.4998, -2.5442



43.0080, 58.1701, -37.7180



9.0450, 11.8098, -7.9325

Previews

White Background



This preview shows how the YUV color 151.0200, -60.6489, 39.4475 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 YUV color 151.0200, -60.6489, 39.4475 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](#).

YUV 151.0200, -60.6489, 39.4475

Background



This preview shows how black text looks on a background with the YUV color 151.0200, -60.6489, 39.4475.



This preview shows how white text looks on a background with the YUV color 151.0200, -60.6489, 39.4475.

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

151.0200, -60.6489, 39.4475

Protanopia

149.9750, -59.1477, 24.5779

Deuteranopia

151.1560, -60.2229, 42.8362



Tritanopia

161.3790, -4.6238, 36.5016

Trichromacy



Original Color

151.0200, -60.6489, 39.4475

Protanomaly

150.1930, -59.7481, 30.5257

Deuteranomaly

151.4440, -60.3649, 41.7066

Tritanomaly

157.7000, -24.9951, 37.0971

Monochromacy



Original Color

151.0200, -60.6489, 39.4475

Achromatopsia

151.0000, 0.0000, 0.0000

Achromatomaly

150.6540, -22.0144, 14.3354

CSS Examples

Text

The CSS property to change the color of the text to YUV 151.0200, -60.6489, 39.4475 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, 152, 28)` looks like.

```
.text, #text, p{  
    color:rgb(196, 152, 28)  
}
```

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, 152, 28) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 152, 28) }
```

Border

The CSS property to change the border of an element to YUV 151.0200, -60.6489, 39.4475 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, 152, 28) }
```


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

```
.border{ border-color:rgb(196, 152, 28) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 152, 28)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 152, 28); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 152, 28);  
box-shadow:4px 4px 4px 4px rgb(196, 152,  
28) }
```

Background

The CSS property to change the background color of an element to YUV 151.0200, -60.6489, 39.4475 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 152, 28) }
```

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

```
.background{ background-color: rgb(196,  
152, 28) }
```

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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