

Converting Colors

YUV(152.5040, -61.3805,
40.7770)

Have a look what the booklet for
YUV(152.5040, -61.3805, 40.7770)
contains.

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Color

**YUV(152.5040, -61.3805,
40.7770)**

Conversions

Conversions Part 1

Format	Color
Hex	C7991C
RGB	199, 153, 28
RGB Percent	78%, 60%, 11%
CMY	0.2196, 0.4000, 0.8902
CMYK	0.00, 0.23, 0.86, 0.22
HSL	44°, 75%, 45%
HSV	44°, 86%, 78%
XYZ	35.1540, 35.0084, 6.0031
YIQ	152.5040, 67.5410, -29.1230

Conversions

Conversions Part 2

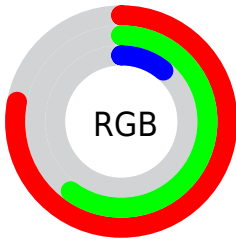
Format	Color
R _Y B	91, 199, 28
Decimal	13080860
CIE Lab	65.76, 6.51, 64.84
CIE LCh	66, 65.163, 84.263
Yxy	35.0084, 0.4615, 0.4596
Android (android.graphics.Color)	4291270940 (0xFFC7991C)
YUV	152.5040, -61.3805, 40.7770
Hunter-Lab	59.1679, 2.5101, 35.4021

Details

The YUV color **152.5040, -61.3805, 40.7770** 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 **74.4960, 61.3805, -40.7770**, and the grayscale version is **153.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **207.6720, -59.4913, 41.5067**, and **101.7340, -50.1549, 33.5593** is the 20% darker color. If you saturate the color by 10%, you get **147.2890, -68.6695, 45.3505**, and if you desaturate by 10%, it is **157.7190, -54.0915, 36.2034**.

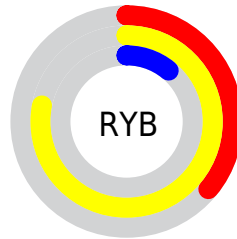
Distribution



Red (78%)

Green (60%)

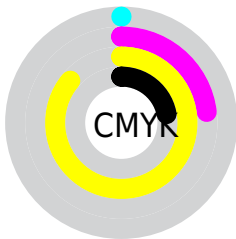
Blue (11%)



Red (36%)

Yellow (78%)

Blue (11%)

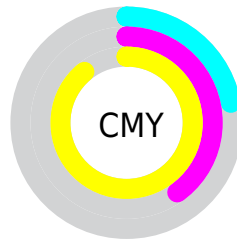


Cyan (0%)

Magenta (23%)

Yellow (86%)

Black (22%)



Cyan (22%)

Magenta (40%)

Yellow (89%)

Brightness & Saturation Gradients

These gradients show how the YUV color 152.5040, -61.3805, 40.7770 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 152.5040, -61.3805, 40.7770 by changing the saturation by 10% instead.

■ 152.5040,
-61.3805, 40.7770

■ 152.5040,
-61.3805, 40.7770

■ 255.0000, 0.0000,
0.0000

■ 125.0800,
-61.6644, 38.5178

■ 207.6720,
-59.4913, 41.5067

■ 101.7340,
-50.1549, 33.5593

■ 227.1860,
-55.8007, 24.3929

■ 79.8610, -39.3715,
28.1859

■ 242.0040,
-49.7950, 11.3975

■ 57.9880, -28.5881,
22.8125

■ 245.1960,
-37.5646, 8.5981

■ 37.5880, -18.5309,
17.0243

■ 248.3880,
-25.3343, 5.7987

■ 18.0850, -8.9159,
13.0805

■ 251.6940,

■ 0.0000, 0.0000,

-12.6671, 2.8994

0.0000

■ 152.5040,
-61.3805, 40.7770

■ 152.5040,
-61.3805, 40.7770

■ 147.2890,
-68.6695, 45.3505

■ 157.7190,
-54.0915, 36.2034

■ 144.6160,
-71.2957, 47.6948

■ 163.5210,
-47.0919, 31.1151

■ 168.7360,
-39.8028, 26.5415

■ 173.9510,
-32.5138, 21.9680

■ 179.7530,
-25.5142, 16.8796

■ 184.8540,
-18.6620, 12.4060

■ 190.0690,
-11.3730, 7.8325

■ 195.8710, -4.3734,
2.7441

■ 201.0860, 2.9156,
-1.8294

Harmonies

Analogous

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



155.6650, -45.1908, 74.8388



152.5040, -61.3805, 40.7770



147.6940, -53.0931, -4.1166

Triad

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



152.5040, -61.3805, 40.7770



133.2530, 35.8643, -116.8629



164.0870, 32.0021, 49.0357

Complementary

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



152.5040, -61.3805, 40.7770



74.4960, 61.3805, -40.7770

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.



158.0940, 47.7747, -16.7454



152.5040, -61.3805, 40.7770



135.7900, 58.2775, -119.0878

Square

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



152.5040, -61.3805, 40.7770



126.4130, 9.6564, -110.8642



128.8600, 62.1870, -113.0102



157.1290, 8.3174, 85.8329

Rectangle

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



152.5040, -61.3805, 40.7770



141.7570, -35.3762, -40.1289



128.8600, 62.1870, -113.0102



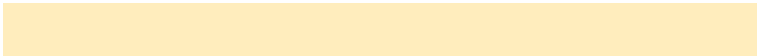
164.5020, 39.1925, 29.3777

Sweetspot

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



152.5040, -61.3805, 40.7770



236.9100, -23.6196, 15.8649



84.6010, -4.2403, 100.3279



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.



152.5040, -61.3805, 40.7770



185.4270, -91.4155, 61.0155



168.4430, -69.2384, -5.6505



96.8000, -3.3524, 1.9294



118.5900, -58.4649, 38.9476



26.0260, -12.8308, 8.7472

Inverse Universe

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



74.4960, 61.3805, -40.7770



69.5730, 91.4155, -61.0155



58.5570, 69.2384, 5.6505



92.2000, 3.3524, -1.9294



44.4100, 58.4649, -38.9476



9.9740, 12.8308, -8.7472

Previews

White Background



This preview shows how the YUV color 152.5040, -61.3805, 40.7770 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 152.5040, -61.3805, 40.7770 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 152.5040, -61.3805, 40.7770

Background



This preview shows how black text looks on a background with the YUV color 152.5040, -61.3805, 40.7770.



This preview shows how white text looks on a background with the YUV color 152.5040, -61.3805, 40.7770.

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

152.5040, -61.3805, 40.7770

Protanopia

151.1600, -59.7319, 25.2927

Deuteranopia

152.9280, -61.0965, 43.0361



Tritanopia

162.3900, -4.6293, 38.2460

Trichromacy



Original Color

152.5040, -61.3805, 40.7770

Protanomaly

151.3780, -60.3324, 31.2405

Deuteranomaly

152.6290, -60.9491, 42.4214

Tritanomaly

158.7110, -25.0005, 38.8415

Monochromacy



Original Color

152.5040, -61.3805, 40.7770

Achromatopsia

153.0000, 0.0000, 0.0000

Achromatomaly

152.9530, -22.1618, 14.9502

CSS Examples

Text

The CSS property to change the color of the text to YUV 152.5040, -61.3805, 40.7770 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(199, 153, 28)` looks like.

```
.text, #text, p{  
    color:rgb(199, 153, 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(199, 153, 28) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 153, 28) }
```

Border

The CSS property to change the border of an element to YUV 152.5040, -61.3805, 40.7770 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(199, 153, 28) }
```


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

```
.border{ border-color:rgb(199, 153, 28) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 153, 28)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 153, 28); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 153, 28);  
box-shadow:4px 4px 4px 4px rgb(199, 153,  
28) }
```

Background

The CSS property to change the background color of an element to YUV 152.5040, -61.3805, 40.7770 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 153, 28) }
```

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

```
.background{ background-color: rgb(199,  
153, 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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