

Converting Colors

YUV(152.2890, -68.6695,
45.3505)

Have a look what the booklet for
YUV(152.2890, -68.6695, 45.3505)
contains.

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Color

**YUV(152.2890, -68.6695,
45.3505)**

Conversions

Conversions Part 1

Format	Color
Hex	CC990D
RGB	204, 153, 13
RGB Percent	80%, 60%, 5%
CMY	0.2000, 0.4000, 0.9490
CMYK	0.00, 0.25, 0.94, 0.20
HSL	44°, 88%, 43%
HSV	44°, 94%, 80%
XYZ	36.3657, 35.6489, 5.3450
YIQ	152.2890, 75.3360, -32.7280

Conversions

Conversions Part 2

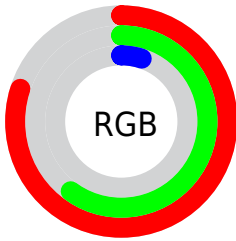
Format	Color
RYB	83, 204, 13
Decimal	13408525
CIELab	66.25, 8.46, 68.58
CIELCh	66, 69.100, 82.972
Yxy	35.6489, 0.4701, 0.4608
Android (android.graphics.Color)	4291598605 (0xFFCC990D)
YUV	152.2890, -68.6695, 45.3505
Hunter-Lab	59.7067, 4.2328, 36.4870

Details

The YUV color **152.2890, -68.6695, 45.3505** 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 **64.7110, 68.6695, -45.3505**, and the grayscale version is **153.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **206.7600, -62.9857, 42.3065**, and **102.9300, -50.7445, 36.0184** is the 20% darker color. If you saturate the color by 10%, you get **149.0460, -73.4797, 48.1947**, and if you desaturate by 10%, it is **157.5040, -61.3805, 40.7770**.

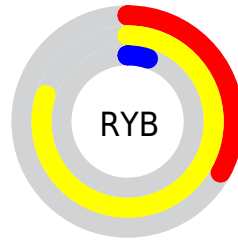
Distribution



Red (80%)

Green (60%)

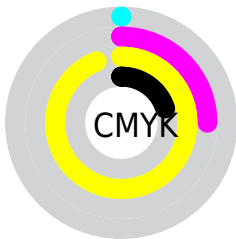
Blue (5%)



Red (33%)

Yellow (80%)

Blue (5%)

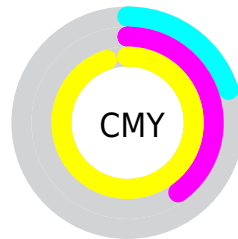


Cyan (0%)

Magenta (25%)

Yellow (94%)

Black (20%)



Cyan (20%)

Magenta (40%)

Yellow (95%)

Brightness & Saturation Gradients

These gradients show how the YUV color 152.2890, -68.6695, 45.3505 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 152.2890, -68.6695, 45.3505 by changing the saturation by 10% instead.

■ 152.2890,
-68.6695, 45.3505

■ 152.2890,
-68.6695, 45.3505

■ 255.0000, 0.0000,
0.0000

■ 126.5750,
-62.4015, 41.5917

■ 206.7600,
-62.9857, 42.3065

■ 102.9300,
-50.7445, 36.0184

■ 226.3880,
-58.8583, 25.0927

■ 81.0570, -39.9611,
30.6450

■ 241.2060,
-52.8526, 12.0973

■ 58.8850, -29.0303,
24.6569

■ 244.3980,
-40.6222, 9.2980

■ 38.7840, -19.1205,
19.4834

■ 247.7040,
-27.9551, 6.3986

■ 19.5690, -9.6475,
14.4100

■ 251.0100,

■ 0.0000, 0.0000,

-15.2879, 3.4992

0.0000

254.3160, -2.6208,
0.5999

152.2890,
-68.6695, 45.3505

152.2890,
-68.6695, 45.3505

149.0460,
-73.4797, 48.1947

157.5040,
-61.3805, 40.7770

163.4200,
-53.9441, 35.5887

168.6350,
-46.6551, 31.0151

174.5510,
-39.2186, 25.8268

179.7660,
-31.9296, 21.2532

■ 185.5680,
-24.9300, 16.1649

■ 190.8970,
-17.2042, 11.4913

■ 196.6990,
-10.2046, 6.4030

■ 202.0280, -2.4788,
1.7294

Harmonies

Analogous

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



156.2420, -46.9543, 80.4718



152.2890, -68.6695, 45.3505



147.6960, -59.5031, -1.4874

Triad

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



152.2890, -68.6695, 45.3505



135.2420, 35.8697, -118.6072



165.5970, 35.2017, 49.4654

Complementary

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



152.2890, -68.6695, 45.3505



64.7110, 68.6695, -45.3505

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.



157.1750, 48.2277, -22.0785



152.2890, -68.6695, 45.3505



137.6650, 57.8462, -120.7322

Square

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



152.2890, -68.6695, 45.3505



127.3590, 8.2040, -111.6938



130.6210, 61.3188, -114.5546



155.8240, 10.9328, 86.9774

Rectangle

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



152.2890, -68.6695, 45.3505



141.4320, -39.1600, -39.8439



130.6210, 61.3188, -114.5546



165.5280, 43.1237, 28.4779

Sweetspot

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



152.2890, -68.6695, 45.3505



235.7530, -25.5142, 16.8796



76.2650, -4.5676, 112.0236



115.9400, -15.7464, 10.5766



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.



152.2890, -68.6695, 45.3505



186.0140, -91.7049, 60.5007



169.9670, -77.3847, -6.1101



99.0990, -3.4998, 2.5442



120.6610, -59.4859, 39.7623



27.7980, -13.7044, 8.9472

Inverse Universe

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



64.7110, 68.6695, -45.3505



68.9860, 91.7049, -60.5007



47.0330, 77.3847, 6.1101



94.9010, 3.4998, -2.5442



44.7520, 59.7753, -39.2475



10.2020, 13.7044, -8.9472

Previews

White Background



This preview shows how the YUV color 152.2890, -68.6695, 45.3505 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 152.2890, -68.6695, 45.3505 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 152.2890, -68.6695, 45.3505

Background



This preview shows how black text looks on a background with the YUV color 152.2890, -68.6695, 45.3505.



This preview shows how white text looks on a background with the YUV color 152.2890, -68.6695, 45.3505.

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

152.2890, -68.6695, 45.3505

Protanopia

151.4500, -66.2838, 26.7924

Deuteranopia

152.2890, -68.6695, 45.3505



Tritanopia

163.8850, -5.3663, 41.3199

Trichromacy



Original Color

152.2890, -68.6695, 45.3505

Protanomaly

151.9670, -67.0317, 33.3549

Deuteranomaly

152.2890, -68.6695, 45.3505

Tritanomaly

159.5220, -28.3583, 42.5152

Monochromacy



Original Color

152.2890, -68.6695, 45.3505

Achromatopsia

152.0000, 0.0000, 0.0000

Achromatomaly

151.8670, -25.0774, 16.7796

CSS Examples

Text

The CSS property to change the color of the text to YUV 152.2890, -68.6695, 45.3505 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(204, 153, 13)` looks like.

```
.text, #text, p{  
    color:rgb(204, 153, 13)  
}
```

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(204, 153, 13) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 153, 13) }
```

Border

The CSS property to change the border of an element to YUV 152.2890, -68.6695, 45.3505 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(204, 153, 13) }
```


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

```
.border{ border-color:rgb(204, 153, 13) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 153, 13)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 153, 13); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 153, 13);  
box-shadow:4px 4px 4px 4px rgb(204, 153,  
13) }
```

Background

The CSS property to change the background color of an element to YUV 152.2890, -68.6695, 45.3505 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 153, 13) }
```

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

```
.background{ background-color: rgb(204,  
153, 13) }
```

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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