

Converting Colors

YUV(153.2690, -75.0686,
44.4911)

Have a look what the booklet for
YUV(153.2690, -75.0686, 44.4911)
contains.

YUV(153.2690, -75.0686, 44.4911)	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(153.2690, -75.0686,
44.4911)**

Conversions

Conversions Part 1

Format	Color
Hex	CC9D01
RGB	204, 157, 1
RGB Percent	80%, 62%, 0%
CMY	0.2000, 0.3843, 0.9961
CMYK	0.00, 0.23, 1.00, 0.20
HSL	46°, 99%, 40%
HSV	46°, 100%, 80%
XYZ	36.9643, 36.9535, 5.2132
YIQ	153.2690, 78.0880, -38.5520

Conversions

Conversions Part 2

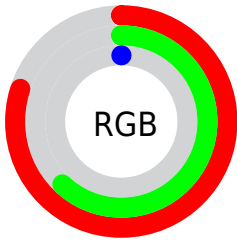
Format	Color
RYB	62, 204, 1
Decimal	13409537
CIELab	67.24, 6.16, 70.90
CIELCh	67, 71.164, 85.032
Yxy	36.9535, 0.4671, 0.4670
Android (android.graphics.Color)	4291599617 (0xFFCC9D01)
YUV	153.2690, -75.0686, 44.4911
Hunter-Lab	60.7894, 2.1593, 37.4679

Details

The YUV color **153.2690, -75.0686, 44.4911** 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 **51.7310, 75.0686, -44.4911**, and the grayscale version is **154.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **208.7660, -65.4536, 40.5472**, and **105.2780, -51.9021, 33.9592** is the 20% darker color. If you saturate the color by 10%, you get **153.1550, -75.5054, 44.5911**, and if you desaturate by 10%, it is **158.4840, -67.7796, 39.9175**.

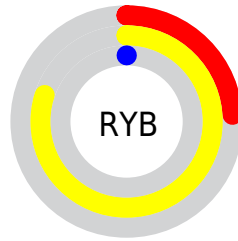
Distribution



Red (80%)

Green (62%)

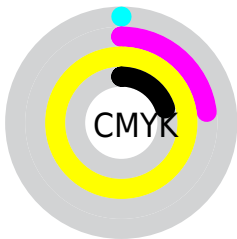
Blue (0%)



Red (24%)

Yellow (80%)

Blue (0%)

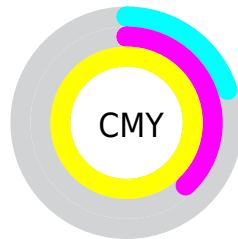


Cyan (0%)

Magenta (23%)

Yellow (100%)

Black (20%)



Cyan (20%)

Magenta (38%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 153.2690, -75.0686, 44.4911 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 153.2690, -75.0686, 44.4911 by changing the saturation by 10% instead.

■ 153.2690,
-75.0686, 44.4911

■ 153.2690,
-75.0686, 44.4911

■ 255.0000, 0.0000,
0.0000

■ 128.9230,
-63.5590, 39.5325

■ 208.7660,
-65.4536, 40.5472

■ 105.2780,
-51.9021, 33.9592

■ 228.3940,
-61.3262, 23.3335

■ 82.8180, -40.8293,
29.1006

■ 240.9780,
-53.7262, 12.2973

■ 61.2330, -30.1879,
22.5977

■ 244.1700,
-41.4958, 9.4979

■ 40.5450, -19.9887,
17.9390

■ 247.3620,
-29.2655, 6.6985

■ 21.3300, -10.5157,
12.8656

■ 250.6680,

■ 0.0000, 0.0000,

-16.5983, 3.7992

0.0000

253.9740, -3.9312,
0.8998

153.2690,
-75.0686, 44.4911

153.2690,
-75.0686, 44.4911

153.1550,
-75.5054, 44.5911

158.4840,
-67.7796, 39.9175

163.2260,
-59.7644, 35.7588

168.4410,
-52.4754, 31.1852

173.7700,
-44.7496, 26.5117

178.9850,
-37.4606, 21.9382

■ 183.6130,
-29.8822, 17.8794

■ 188.9420,
-22.1564, 13.2059

■ 194.1570,
-14.8674, 8.6323

■ 199.4860, -7.1416,
3.9588

Harmonies

Analogous

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



158.4440, -50.0119, 81.1716



153.2690, -75.0686, 44.4911



149.1470, -60.2185, -5.3909

Triad

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



153.2690, -75.0686, 44.4911



137.9150, 38.4959, -120.9515



167.8150, 34.6012, 55.4132

Complementary

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



153.2690, -75.0686, 44.4911



51.7310, 75.0686, -44.4911

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.



160.1650, 46.7537, -15.9307



153.2690, -75.0686, 44.4911



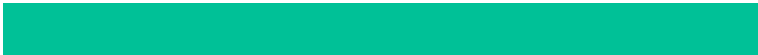
139.4260, 56.9780, -122.2766

Square

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



153.2690, -75.0686, 44.4911



130.5050, 10.1040, -114.4529



131.2080, 61.0295, -115.0694



155.1230, 10.7854, 87.5921

Rectangle

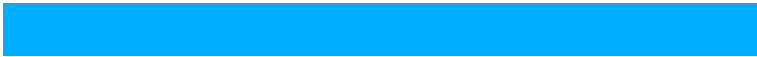
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



153.2690, -75.0686, 44.4911



142.0290, -37.9753, -46.5064



131.2080, 61.0295, -115.0694



168.4470, 42.6706, 33.8110

Sweetspot

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



153.2690, -75.0686, 44.4911



235.7700, -27.9876, 16.8647



67.0550, -9.3941, 120.1008



116.2990, -16.9094, 10.2618



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.



153.2690, -75.0686, 44.4911



191.2970, -94.3094, 55.8675



164.7120, -80.7100, -12.9024



99.6860, -3.7892, 2.0294



124.1830, -61.2222, 36.6735



28.3850, -13.9938, 8.4324

Inverse Universe

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



51.7310, 75.0686, -44.4911



63.7030, 94.3094, -55.8675



40.2880, 80.7100, 12.9024



94.3140, 3.7892, -2.0294



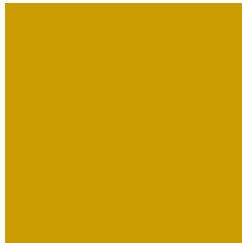
41.2300, 61.5116, -36.1587



9.6150, 13.9938, -8.4324

Previews

White Background



This preview shows how the YUV color 153.2690, -75.0686, 44.4911 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 153.2690, -75.0686, 44.4911 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 153.2690, -75.0686, 44.4911 Background



This preview shows how black text looks on a background with the YUV color 153.2690, -75.0686, 44.4911.

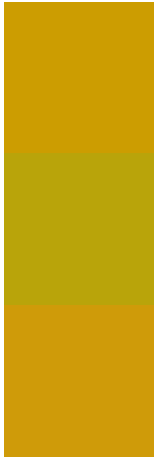


This preview shows how white text looks on a background with the YUV color 153.2690, -75.0686,

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

153.2690, -75.0686, 44.4911

Protanopia

152.7230, -70.3624, 28.3069

Deuteranopia

153.9040, -71.4377, 46.5652



Tritanopia

166.9880, -4.9241, 39.4755

Trichromacy



Original Color

153.2690, -75.0686, 44.4911

Protanomaly

152.7130, -71.8365, 34.4547

Deuteranomaly

153.8500, -72.8901, 45.7356

Tritanomaly

161.9410, -30.5369, 41.2707

Monochromacy



Original Color

153.2690, -75.0686, 44.4911

Achromatopsia

153.0000, 0.0000, 0.0000

Achromatomaly

152.9980, -27.1140, 16.6648

CSS Examples

Text

The CSS property to change the color of the text to YUV 153.2690, -75.0686, 44.4911 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, 157, 1)` looks like.

```
.text, #text, p{  
    color:rgb(204, 157, 1)  
}
```

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, 157, 1) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 157, 1) }
```

Border

The CSS property to change the border of an element to YUV 153.2690, -75.0686, 44.4911 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, 157, 1) }
```


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

```
.border{ border-color:rgb(204, 157, 1) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 157, 1)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 157, 1); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 157, 1);  
box-shadow:4px 4px 4px 4px rgb(204, 157,  
1) }
```

Background

The CSS property to change the background color of an element to YUV 153.2690, -75.0686, 44.4911 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 157, 1) }
```

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

```
.background{ background-color: rgb(204,  
157, 1) }
```

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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