

# Converting Colors

YUV(155.6780, -75.2703,  
62.5494)

Have a look what the booklet for  
YUV(155.6780, -75.2703, 62.5494)  
contains.

<b>YUV(155.6780, -75.2703, 62.5494)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YUV(155.6780, -75.2703,  
62.5494)**

# Conversions

## Conversions Part 1

Format	Color
Hex	E39503
RGB	227, 149, 3
RGB Percent	89%, 58%, 1%
CMY	0.1098, 0.4157, 0.9882
CMYK	0.00, 0.34, 0.99, 0.11
HSL	39°, 97%, 45%
HSV	39°, 99%, 89%
XYZ	42.4424, 37.8324, 5.1516
YIQ	155.6780, 93.3540, -28.8700

# Conversions

## Conversions Part 2

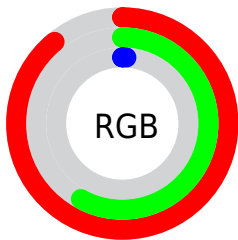
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">123, 227, 3</a>
Decimal	<a href="#">14914819</a>
CIELab	<a href="#">67.90, 20.55, 72.31</a>
CIELCh	<a href="#">68, 75.176, 74.139</a>
Yxy	<a href="#">37.8324, 0.4968, 0.4429</a>
Android (android.graphics.Color)	<a href="#">4293104899 (0xFFE39503)</a>
YUV	<a href="#">155.6780, -75.2703, 62.5494</a>
Hunter-Lab	<a href="#">61.5080, 15.5315, 38.0898</a>

# Details

The YUV color **155.6780, -75.2703, 62.5494** is a dark color, and the websafe version is hex **FF9900**. The color can be described as dark washed orange. A complement of this color would be **74.3220, 75.2703, -62.5494**, and the grayscale version is **156.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **204.0700, -63.1385, 44.6656**, and **106.8610, -52.6825, 50.9879** is the 20% darker color. If you saturate the color by 10%, you get **154.7490, -76.2913, 63.3641**, and if you desaturate by 10%, it is **162.9960, -67.5390, 56.1315**.

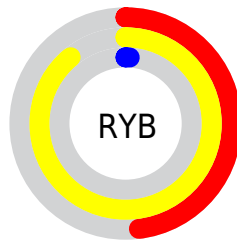
# Distribution



Red (89%)

Green (58%)

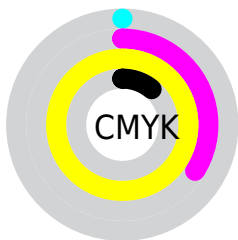
Blue (1%)



Red (48%)

Yellow (89%)

Blue (1%)

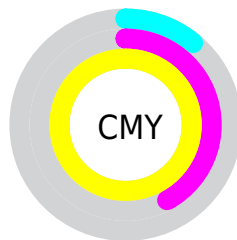


Cyan (0%)

Magenta (34%)

Yellow (99%)

Black (11%)



Cyan (11%)

Magenta (42%)

Yellow (99%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 155.6780, -75.2703, 62.5494 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 155.6780, -75.2703, 62.5494 by changing the saturation by 10% instead.



155.6780,  
-75.2703, 62.5494

155.6780,  
-75.2703, 62.5494

255.0000, 0.0000,  
0.0000

130.8050,  
-64.4869, 57.1760

204.0700,  
-63.1385, 44.6656

106.8610,  
-52.6825, 50.9879

223.6980,  
-59.0111, 27.4519

83.8030, -41.3149,  
44.8998

240.9780,  
-53.7262, 12.2973

61.6310, -30.3841,  
38.9116

244.1700,  
-41.4958, 9.4979

40.9320, -20.1795,  
32.5086

247.3620,  
-29.2655, 6.6985

19.9450, -9.8329,  
27.2352

250.6680,

7.2900, -3.1010,

-16.5983, 3.7992

14.6547

253.9740, -3.9312,  
0.8998

0.0000, 0.0000,  
0.0000

155.6780,  
-75.2703, 62.5494

155.6780,  
-75.2703, 62.5494

154.7490,  
-76.2913, 63.3641

162.9960,  
-67.5390, 56.1315

170.2000,  
-60.2446, 49.8136

177.5180,  
-52.5134, 43.3957

184.8360,  
-44.7821, 36.9778

192.1540,  
-37.0509, 30.5599

■ 198.7710,  
-29.4671, 24.7568

■ 206.0890,  
-21.7359, 18.3389

■ 213.4070,  
-14.0047, 11.9211

■ 220.6110, -6.7102,  
5.6032

# Harmonies

## Analogous

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



154.4200, -40.1401, 88.2087



155.6780, -75.2703, 62.5494



151.1960, -74.5396, 14.7371

# Triad

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



155.6780, -75.2703, 62.5494



138.0970, 29.0392, -121.1111



169.0450, 42.3758, 35.0405

# Complementary

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



155.6780, -75.2703, 62.5494



74.3220, 75.2703, -62.5494

# 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.



146.8880, 53.2992, -62.1688



155.6780, -75.2703, 62.5494



142.9480, 55.2416, -125.3654

# Square

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



155.6780, -75.2703, 62.5494



128.2420, -1.1053, -112.4682



136.4910, 58.4249, -119.7026



159.3750, 22.0001, 83.8631



# Rectangle

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



155.6780, -75.2703, 62.5494



146.9920, -55.2121, -24.5490



136.4910, 58.4249, -119.7026



165.9340, 43.9095, 9.7049

# Sweetspot

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



155.6780, -75.2703, 62.5494



230.4870, -25.3831, 21.4979



78.8680, 1.0511, 129.9118



113.3640, -15.4625, 12.8358



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.



155.6780, -75.2703, 62.5494



173.6870, -85.6277, 71.3115



191.2980, -92.8309, 1.4927



111.2840, -4.0840, 3.2589



121.6130, -59.9552, 50.3284



34.6200, -17.0677, 14.3653



# Inverse Universe

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



74.3220, 75.2703, -62.5494



81.3130, 85.6277, -71.3115



38.7020, 92.8309, -1.4927



106.7160, 4.0840, -3.2589



56.8000, 60.2446, -49.8136



16.3800, 17.0677, -14.3653



# Previews

## White Background



This preview shows how the YUV color 155.6780, -75.2703, 62.5494 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 155.6780, -75.2703, 62.5494 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 155.6780, -75.2703, 62.5494 Background



This preview shows how black text looks on a background with the YUV color 155.6780, -75.2703, 62.5494.



This preview shows how white text looks on a background with the YUV color 155.6780, -75.2703,



# 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

155.6780, -75.2703, 62.5494

### Protanopia

155.1790, -68.6152, 27.9070

### Deuteranopia

154.9490, -76.3899, 48.2797



## Tritanopia

168.2460, -9.4883, 56.7893

# Trichromacy



## Original Color

155.6780, -75.2703, 62.5494

## Protanomaly

155.5720, -71.2740, 40.7174

## Deuteranomaly

155.0960, -75.9693, 53.4128

## Tritanomaly

163.9540, -33.5013, 58.7993

# Monochromacy



## Original Color

155.6780, -75.2703, 62.5494

## Achromatopsia

156.0000, 0.0000, 0.0000

## Achromatomaly

155.6290, -27.4251, 23.1274

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 155.6780, -75.2703, 62.5494 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(227, 149, 3)` looks like.

```
.text, #text, p{  
    color:rgb(227, 149, 3)  
}
```

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(227, 149, 3) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 149, 3) }
```

## Border

The CSS property to change the border of an element to YUV 155.6780, -75.2703, 62.5494 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(227, 149, 3) }
```



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

```
.border{ border-color:rgb(227, 149, 3) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 149, 3)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 149, 3); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 149, 3);  
box-shadow:4px 4px 4px 4px rgb(227, 149,  
3) }
```

# Background

The CSS property to change the background color of an element to YUV 155.6780, -75.2703, 62.5494 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 149, 3) }
```

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

```
.background{ background-color: rgb(227,  
149, 3) }
```

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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