

# Converting Colors

YUV(155.3610, -71.1700,  
54.0574)

Have a look what the booklet for  
YUV(155.3610, -71.1700, 54.0574)  
contains.

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# Color

**YUV(155.3610, -71.1700,  
54.0574)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D9980B
RGB	217, 152, 11
RGB Percent	85%, 60%, 4%
CMY	0.1490, 0.4039, 0.9569
CMYK	0.00, 0.30, 0.95, 0.15
HSL	41°, 90%, 45%
HSV	41°, 95%, 85%
XYZ	39.9039, 37.2323, 5.4000
YIQ	155.3610, 84.0010, -30.0710

# Conversions

## Conversions Part 2

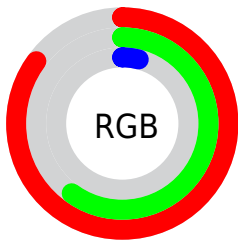
<b>Format</b>	<b>Color</b>
<b>RYB</b>	106, 217, 11
Decimal	14260235
CIELab	67.45, 14.69, 70.40
CIELCh	67, 71.917, 78.212
Yxy	37.2323, 0.4835, 0.4511
Android (android.graphics.Color)	4292450315 (0xFFD9980B)
YUV	155.3610, -71.1700, 54.0574
Hunter-Lab	61.0183, 9.9509, 37.4658

# Details

The YUV color **155.3610, -71.1700, 54.0574** 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 **72.6390, 71.1700, -54.0574**, and the grayscale version is **156.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **206.1730, -62.6963, 42.8213**, and **105.9310, -52.2240, 43.9105** is the 20% darker color. If you saturate the color by 10%, you get **152.3460, -75.1066, 56.7016**, and if you desaturate by 10%, it is **161.9780, -63.5862, 48.2543**.

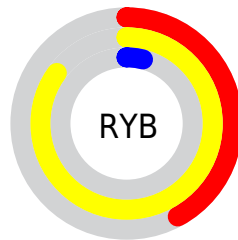
# Distribution



Red (85%)

Green (60%)

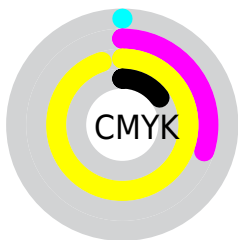
Blue (4%)



Red (42%)

Yellow (85%)

Blue (4%)

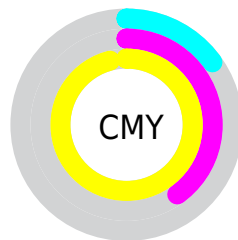


Cyan (0%)

Magenta (30%)

Yellow (95%)

Black (15%)



Cyan (15%)

Magenta (40%)

Yellow (96%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 155.3610, -71.1700, 54.0574 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 155.3610, -71.1700, 54.0574 by changing the saturation by 10% instead.



155.3610,  
-71.1700, 54.0574

155.3610,  
-71.1700, 54.0574

255.0000, 0.0000,  
0.0000

129.5760,  
-63.8810, 49.4838

206.1730,  
-62.6963, 42.8213

105.9310,  
-52.2240, 43.9105

225.8010,  
-58.5689, 25.6075

83.1720, -41.0038,  
38.4372

241.2060,  
-52.8526, 12.0973

61.5870, -30.3624,  
31.9342

244.3980,  
-40.6222, 9.2980

40.3010, -19.8684,  
26.0460

247.7040,  
-27.9551, 6.3986

20.7870, -10.2480,  
20.3578

250.8960,

2.9900, -1.4741,

-15.7247, 3.5992

6.1478

254.3160, -2.6208,  
0.5999

0.0000, 0.0000,  
0.0000

155.3610,  
-71.1700, 54.0574

155.3610,  
-71.1700, 54.0574

152.3460,  
-75.1066, 56.7016

161.9780,  
-63.5862, 48.2543

168.4810,  
-56.4391, 42.5512

175.0980,  
-48.8553, 36.7481

181.1280,  
-40.9821, 31.4597

187.7450,  
-33.3983, 25.6566

■ 194.2480,  
-26.2513, 19.9535

■ 200.8650,  
-18.6674, 14.1504

■ 207.4820,  
-11.0836, 8.3473

■ 213.9850, -3.9366,  
2.6442

# Harmonies

## Analogous

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



157.3720, -44.0604, 85.6198



155.3610, -71.1700, 54.0574



149.7050, -69.8606, 7.2747

# Triad

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



155.3610, -71.1700, 54.0574



137.0200, 32.5281, -120.1665



169.0350, 40.9017, 41.1883

# Complementary

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



155.3610, -71.1700, 54.0574



72.6390, 71.1700, -54.0574

# 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.



154.7060, 49.4449, -39.2072



155.3610, -71.1700, 54.0574



141.1870, 56.1098, -123.8210

# Square

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



155.3610, -71.1700, 54.0574



128.7950, 3.5521, -112.9532



134.1430, 59.5825, -117.6434



158.7080, 16.9060, 84.4481



# Rectangle

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



155.3610, -71.1700, 54.0574



145.8260, -46.7492, -32.2964



134.1430, 59.5825, -117.6434



167.1740, 43.2982, 19.1414

# Sweetspot

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



155.3610, -71.1700, 54.0574



233.4050, -24.3567, 18.9388



80.0040, -1.9740, 120.1455



114.7660, -15.1676, 11.6062



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.



155.3610, -71.1700, 54.0574



178.9700, -88.2322, 66.6783



182.1540, -84.3789, -2.7661



106.3980, -3.6472, 3.1590



121.5800, -59.9389, 45.0953



31.9510, -15.7518, 12.3210



# Inverse Universe

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



72.6390, 71.1700, -54.0574



76.0300, 88.2322, -66.6783



45.8460, 84.3789, 2.7661



102.0150, 3.9366, -2.6442



52.0070, 59.6495, -45.6101



13.4620, 16.0412, -11.8062



# Previews

## White Background



This preview shows how the YUV color 155.3610, -71.1700, 54.0574 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 155.3610, -71.1700, 54.0574 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 155.3610, -71.1700, 54.0574 Background



This preview shows how black text looks on a background with the YUV color 155.3610, -71.1700, 54.0574.



This preview shows how white text looks on a background with the YUV color 155.3610, -71.1700,



# 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

155.3610, -71.1700, 54.0574

### Protanopia

154.4070, -67.7417, 27.7071

### Deuteranopia

153.7640, -75.8057, 47.5650



## Tritanopia

167.0710, -7.4300, 49.9267

# Trichromacy



## Original Color

155.3610, -71.1700, 54.0574

## Protanomaly

154.5330, -68.7898, 37.2436

## Deuteranomaly

154.5300, -74.2113, 49.5242

## Tritanomaly

162.7080, -30.4220, 51.1221

# Monochromacy



## Original Color

155.3610, -71.1700, 54.0574

## Achromatopsia

155.0000, 0.0000, 0.0000

## Achromatomaly

155.3620, -25.8145, 19.8535

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 155.3610, -71.1700, 54.0574 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(217, 152, 11)` looks like.

```
.text, #text, p{  
    color:rgb(217, 152, 11)  
}
```

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(217, 152, 11) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 152, 11) }
```

## Border

The CSS property to change the border of an element to YUV 155.3610, -71.1700, 54.0574 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(217, 152, 11) }
```



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

```
.border{ border-color:rgb(217, 152, 11) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 152, 11)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 152, 11); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 152, 11);  
box-shadow:4px 4px 4px 4px rgb(217, 152,  
11) }
```

# Background

The CSS property to change the background color of an element to YUV 155.3610, -71.1700, 54.0574 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 152, 11) }
```

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

```
.background{ background-color: rgb(217,  
152, 11) }
```

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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