

Converting Colors

YUV(161.1500, -71.0659,
67.3975)

Have a look what the booklet for
YUV(161.1500, -71.0659, 67.3975)
contains.

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Color

**YUV(161.1500, -71.0659,
67.3975)**

Conversions

Conversions Part 1

Format	Color
Hex	EE9611
RGB	238, 150, 17
RGB Percent	93%, 59%, 7%
CMY	0.0667, 0.4118, 0.9333
CMYK	0.00, 0.37, 0.93, 0.07
HSL	36°, 87%, 50%
HSV	36°, 93%, 93%
XYZ	46.2674, 40.0303, 5.8184
YIQ	161.1500, 95.1410, -22.7070

Conversions

Conversions Part 2

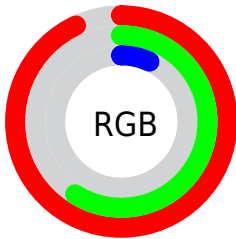
Format	Color
RYB	163, 238, 17
Decimal	15635985
CIELab	69.49, 24.83, 72.07
CIELCh	69, 76.223, 70.992
Yxy	40.0303, 0.5023, 0.4346
Android (android.graphics.Color)	4293826065 (0xFFEE9611)
YUV	161.1500, -71.0659, 67.3975
Hunter-Lab	63.2695, 19.8110, 38.8362

Details

The YUV color **161.1500, -71.0659, 67.3975** is a dark color, and the websafe version is hex **FF9900**. The color can be described as middle washed orange. A complement of this color would be **93.8500, 71.0659, -67.3975**, and the grayscale version is **162.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **205.3410, -60.8071, 43.5509**, and **110.7370, -54.5933, 57.2357** is the 20% darker color. If you saturate the color by 10%, you get **155.1030, -76.4658, 72.7007**, and if you desaturate by 10%, it is **169.1690, -63.1873, 60.3648**.

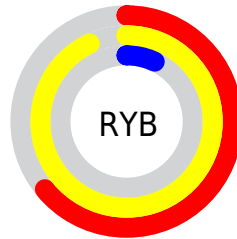
Distribution



Red (93%)

Green (59%)

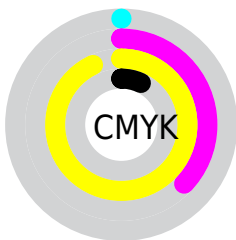
Blue (7%)



Red (64%)

Yellow (93%)

Blue (7%)

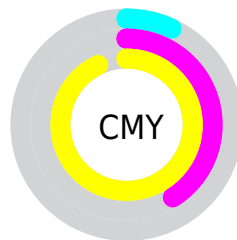


Cyan (0%)

Magenta (37%)

Yellow (93%)

Black (7%)



Cyan (7%)

Magenta (41%)

Yellow (93%)

Brightness & Saturation Gradients

These gradients show how the YUV color 161.1500, -71.0659, 67.3975 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 161.1500, -71.0659, 67.3975 by changing the saturation by 10% instead.

161.1500,
-71.0659, 67.3975

161.1500,
-71.0659, 67.3975

255.0000, 0.0000,
0.0000

134.6810,
-66.3977, 63.4238

205.3410,
-60.8071, 43.5509

110.7370,
-54.5933, 57.2357

225.4420,
-57.4059, 25.9224

87.3800, -43.0783,
50.5327

241.5480,
-51.5422, 11.7974

64.3220, -31.7107,
44.4446

244.7400,
-39.3118, 8.9980

43.0360, -21.2167,
38.5564

248.0460,
-26.6447, 6.0987

21.1630, -10.4334,
33.1830

251.3520,

10.8780, -4.8699,

-13.9775, 3.1993

22.0320

254.6580, -1.3104,
0.2999

■ 0.0000, 0.0000,
0.0000

■ 161.1500,
-71.0659, 67.3975

■ 161.1500,
-71.0659, 67.3975

■ 155.1030,
-76.4658, 72.7007

■ 169.1690,
-63.1873, 60.3648

■ 177.7750,
-55.5981, 52.8173

■ 185.6800,
-48.1562, 45.8846

■ 194.2860,
-40.5670, 38.3372

■ 202.3050,
-32.6884, 31.3045

■ 210.9110,
-25.0991, 23.7571

■ 218.9300,
-17.2205, 16.7244

■ 227.4220,
-10.0680, 9.2769

■ 235.4410, -2.1894,
2.2442

Harmonies

Analogous

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



156.0330, -36.4983, 86.7941



161.1500, -71.0659, 67.3975



156.2460, -77.0293, 19.9553

Triad

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



161.1500, -71.0659, 67.3975



140.6900, 26.2818, -123.3851



171.6590, 41.0871, 28.3631

Complementary

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



161.1500, -71.0659, 67.3975



93.8500, 71.0659, -67.3975

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.



141.1300, 56.1379, -86.0600



161.1500, -71.0659, 67.3975



145.8830, 53.7947, -127.9394

Square

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



161.1500, -71.0659, 67.3975



130.7210, -4.2995, -114.6423



140.0130, 56.6886, -122.7914



164.2650, 25.5054, 79.5746

Rectangle

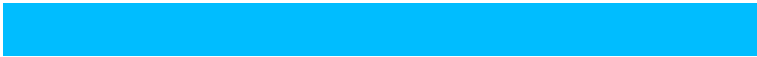
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



161.1500, -71.0659, 67.3975



151.7710, -60.0331, -18.2162



140.0130, 56.6886, -122.7914



167.9500, 42.9157, 1.7979

Sweetspot

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



161.1500, -71.0659, 67.3975



230.4700, -22.9097, 21.5128



93.1110, 5.8613, 127.0677



112.4180, -14.0101, 13.6654



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.



161.1500, -71.0659, 67.3975



166.0560, -81.8656, 78.0039



206.2280, -93.2894, 8.5700



115.6970, -3.7946, 3.7737



119.5860, -58.9559, 56.4911



36.7020, -18.0941, 16.9243

Inverse Universe

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



93.8500, 71.0659, -67.3975



88.9440, 81.8656, -78.0039



48.7720, 93.2894, -8.5700



112.3030, 3.7946, -3.7737



63.8270, 59.2453, -55.9763



19.2980, 18.0941, -16.9243

Previews

White Background



This preview shows how the YUV color 161.1500, -71.0659, 67.3975 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 161.1500, -71.0659, 67.3975 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 161.1500, -71.0659, 67.3975

Background



This preview shows how black text looks on a background with the YUV color 161.1500, -71.0659, 67.3975.



This preview shows how white text looks on a background with the YUV color 161.1500, -71.0659,

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

161.1500, -71.0659, 67.3975

Protanopia

160.5210, -67.3049, 27.6071

Deuteranopia

158.7920, -78.2845, 49.2944



Tritanopia

172.2360, -10.9623, 62.9370

Trichromacy



Original Color

161.1500, -71.0659, 67.3975

Protanomaly

160.5660, -68.8060, 42.4766

Deuteranomaly

159.5200, -75.6854, 55.6720

Tritanomaly

168.5140, -32.7914, 64.4472

Monochromacy



Original Color

161.1500, -71.0659, 67.3975

Achromatopsia

161.0000, 0.0000, 0.0000

Achromatomaly

161.0960, -25.6833, 24.4718

CSS Examples

Text

The CSS property to change the color of the text to YUV 161.1500, -71.0659, 67.3975 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(238, 150, 17)` looks like.

```
.text, #text, p{  
    color:rgb(238, 150, 17)  
}
```

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(238, 150, 17) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(238, 150, 17) }
```

Border

The CSS property to change the border of an element to YUV 161.1500, -71.0659, 67.3975 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(238, 150, 17) }
```


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

```
.border{ border-color:rgb(238, 150, 17) }
```

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

Here you see how a box with a 4 pixel `rgb(238, 150, 17)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(238, 150, 17); -webkit-box-  
shadow:4px 4px 4px 4px rgb(238, 150, 17);  
box-shadow:4px 4px 4px 4px rgb(238, 150,  
17) }
```

Background

The CSS property to change the background color of an element to YUV 161.1500, -71.0659, 67.3975 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(238, 150, 17) }
```

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

```
.background{ background-color: rgb(238,  
150, 17) }
```

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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