

Converting Colors

YUV(163.9410, -80.8229,
70.2117)

Have a look what the booklet for
YUV(163.9410, -80.8229, 70.2117)
contains.

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Color

**YUV(163.9410, -80.8229,
70.2117)**

Conversions

Conversions Part 1

Format	Color
Hex	F49B00
RGB	244, 155, 0
RGB Percent	96%, 61%, 0%
CMY	0.0431, 0.3922, 1.0000
CMYK	0.00, 0.36, 1.00, 0.04
HSL	38°, 100%, 48%
HSV	38°, 100%, 96%
XYZ	49.0296, 42.6758, 5.6531
YIQ	163.9410, 102.7990, -29.3370

Conversions

Conversions Part 2

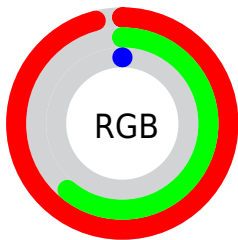
Format	Color
R_{YB}	140, 244, 0
Decimal	16030464
CIE _{Lab}	71.33, 24.56, 75.96
CIE _{LCh}	71, 79.836, 72.085
Yxy	42.6758, 0.5036, 0.4383
Android (android.graphics.Color)	4294220544 (0xFFFF49B00)
YUV	163.9410, -80.8229, 70.2117
Hunter-Lab	65.3267, 19.6476, 40.5980

Details

The YUV color **163.9410, -80.8229, 70.2117** is a dark color, and the websafe version is hex **FF9900**. The color can be described as middle saturated orange. A complement of this color would be **80.0590, 80.8229, -70.2117**, and the grayscale version is **165.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **208.2930, -64.7274, 40.9620**, and **115.1670, -56.7773, 57.7355** is the 20% darker color. If you saturate the color by 10%, you get **163.9410, -80.8229, 70.2117**, and if you desaturate by 10%, it is **171.9600, -72.9443, 63.1791**.

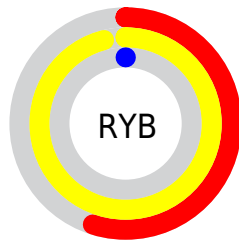
Distribution



Red (96%)

Green (61%)

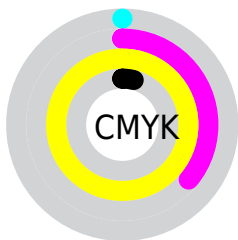
Blue (0%)



Red (55%)

Yellow (96%)

Blue (0%)

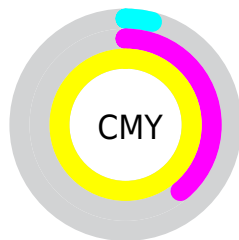


Cyan (0%)

Magenta (36%)

Yellow (100%)

Black (4%)



Cyan (4%)

Magenta (39%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 163.9410, -80.8229, 70.2117 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 163.9410, -80.8229, 70.2117 by changing the saturation by 10% instead.

163.9410,
-80.8229, 70.2117

163.9410,
-80.8229, 70.2117

255.0000, 0.0000,
0.0000

139.1110,
-68.5817, 63.9237

208.2930,
-64.7274, 40.9620

115.1670,
-56.7773, 57.7355

227.9210,
-60.6001, 23.7483

91.5220, -45.1203,
52.1622

241.0920,
-53.2894, 12.1973

69.0510, -34.0421,
45.5593

244.3980,
-40.6222, 9.2980

46.8790, -23.1113,
39.5711

247.5900,
-28.3919, 6.4986

25.5930, -12.6173,
33.6829

250.8960,

12.2590, -6.0437,

-15.7247, 3.5992

25.2059

254.3160, -2.6208,
0.5999

0.0000, 0.0000,
0.0000

163.9410,
-80.8229, 70.2117

171.9600,
-72.9443, 63.1791

180.0930,
-64.6288, 56.0464

188.1120,
-56.7502, 49.0138

196.2450,
-48.4348, 41.8811

204.2640,
-40.5562, 34.8485

■ 211.6960,
-32.3881, 28.3306

■ 219.8290,
-24.0727, 21.1980

■ 227.8480,
-16.1941, 14.1653

■ 235.9810, -7.8786,
7.0327

Harmonies

Analogous

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



157.5660, -38.2400, 85.4496



163.9410, -80.8229, 70.2117



160.6650, -79.2078, 18.7108

Triad

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



163.9410, -80.8229, 70.2117



145.2380, 28.4767, -127.3737



175.8230, 39.0343, 33.4812

Complementary

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



163.9410, -80.8229, 70.2117



80.0590, 80.8229, -70.2117

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.



145.2720, 54.0959, -84.4305



163.9410, -80.8229, 70.2117



149.4050, 52.0583, -131.0282

Square

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



163.9410, -80.8229, 70.2117



134.8130, -3.8518, -118.2310



143.5350, 54.9522, -125.8802



164.8350, 27.6893, 79.0747

Rectangle

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



163.9410, -80.8229, 70.2117



154.6520, -62.9324, -21.6198



143.5350, 54.9522, -125.8802



172.4020, 40.7208, 5.7864

Sweetspot

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



163.9410, -80.8229, 70.2117



229.9000, -25.0937, 22.0127



83.1020, 2.9077, 141.1075



112.7770, -15.1731, 13.3506



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.



163.9410, -80.8229, 70.2117



171.3390, -84.4701, 73.3707



206.3170, -101.7143, 4.1070



118.2840, -4.0840, 3.2589



124.8800, -61.5658, 53.6022



39.3600, -19.4045, 17.2243

Inverse Universe

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



80.0590, 80.8229, -70.2117



83.6610, 84.4701, -73.3707



37.6830, 101.7143, -4.1070



114.3030, 3.7946, -3.7737



61.1200, 61.5658, -53.6022



19.0530, 19.6939, -16.7095

Previews

White Background



This preview shows how the YUV color 163.9410, -80.8229, 70.2117 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 163.9410, -80.8229, 70.2117 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 163.9410, -80.8229, 70.2117

Background



This preview shows how black text looks on a background with the YUV color 163.9410, -80.8229, 70.2117.



This preview shows how white text looks on a background with the YUV color 163.9410, -80.8229, 70.2117.

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

163.9410, -80.8229, 70.2117

Protanopia

164.4520, -72.6938, 29.4216

Deuteranopia

163.5210, -80.6159, 50.4091



Tritanopia

176.9480, -10.8204, 64.0666

Trichromacy



Original Color

163.9410, -80.8229, 70.2117

Protanomaly

164.1550, -75.5054, 44.5911

Deuteranomaly

163.5650, -80.6375, 57.3865

Tritanomaly

172.3140, -36.1438, 66.3766

Monochromacy



Original Color

163.9410, -80.8229, 70.2117

Achromatopsia

164.0000, 0.0000, 0.0000

Achromatomaly

164.0700, -29.6145, 25.3716

CSS Examples

Text

The CSS property to change the color of the text to YUV 163.9410, -80.8229, 70.2117 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(244, 155, 0)` looks like.

```
.text, #text, p{  
    color:rgb(244, 155, 0)  
}
```

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(244, 155, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 155, 0) }
```

Border

The CSS property to change the border of an element to YUV 163.9410, -80.8229, 70.2117 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(244, 155, 0) }
```


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

```
.border{ border-color:rgb(244, 155, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 155, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 155, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 155, 0);  
box-shadow:4px 4px 4px 4px rgb(244, 155,  
0) }
```

Background

The CSS property to change the background color of an element to YUV 163.9410, -80.8229, 70.2117 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 155, 0) }
```

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

```
.background{ background-color: rgb(244,  
155, 0) }
```

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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