

Converting Colors

YUV(167.1910, -59.7472,
77.0085)

Have a look what the booklet for
YUV(167.1910, -59.7472, 77.0085)
contains.

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Color

**YUV(167.1910, -59.7472,
77.0085)**

Conversions

Conversions Part 1

Format	Color
Hex	FF922E
RGB	255, 146, 46
RGB Percent	100%, 57%, 18%
CMY	0.0000, 0.4275, 0.8196
CMYK	0.00, 0.43, 0.82, 0.00
HSL	29°, 100%, 59%
HSV	29°, 82%, 100%
XYZ	52.0120, 42.0150, 7.9531
YIQ	167.1910, 97.0640, -7.9920

Conversions

Conversions Part 2

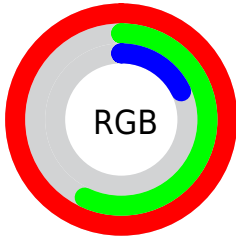
Format	Color
R _Y B	255, 238, 46
Decimal	16749102
CIE Lab	70.88, 34.48, 66.19
CIE LCh	71, 74.635, 62.483
Yxy	42.0150, 0.5100, 0.4120
Android (android.graphics.Color)	4294939182 (0xFFFF922E)
YUV	167.1910, -59.7472, 77.0085
Hunter-Lab	64.8190, 29.7986, 38.0985

Details

The YUV color **167.1910, -59.7472, 77.0085** is a dark color, and the websafe version is hex **FF9933**. The color can be described as middle washed orange. A complement of this color would be **133.8090, 59.7472, -77.0085**, and the grayscale version is **168.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **205.6320, -52.0766, 43.2957**, and **112.5860, -55.5049, 69.6461** is the 20% darker color. If you saturate the color by 10%, you get **156.7100, -66.9050, 86.2003**, and if you desaturate by 10%, it is **177.7860, -52.1525, 67.7167**.

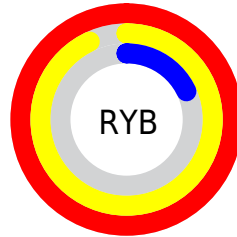
Distribution



Red (100%)

Green (57%)

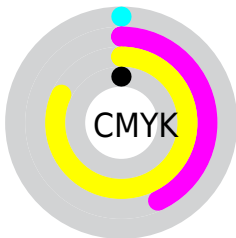
Blue (18%)



Red (100%)

Yellow (93%)

Blue (18%)

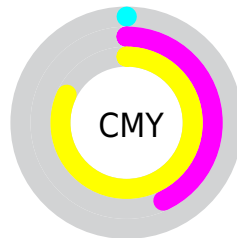


Cyan (0%)

Magenta (43%)

Yellow (82%)

Black (0%)



Cyan (0%)

Magenta (43%)

Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the YUV color 167.1910, -59.7472, 77.0085 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 167.1910, -59.7472, 77.0085 by changing the saturation by 10% instead.

167.1910,
-59.7472, 77.0085

167.1910,
-59.7472, 77.0085

255.0000, 0.0000,
0.0000

138.3710,
-62.7939, 74.2196

205.6320,
-52.0766, 43.2957

112.5860,
-55.5049, 69.6461

225.1460,
-48.3860, 26.1820

88.6420, -43.7005,
63.4580

243.6000,
-43.6798, 9.9978

65.2850, -32.1855,
56.7551

246.7920,
-31.4495, 7.1984

41.9390, -20.6759,
51.7965

249.9840,
-19.2191, 4.3990

21.5280, -10.6133,
44.2639

253.2900, -6.5520,

14.1670, -6.4913,

1.4997

28.7945

■ 0.0000, 0.0000,
0.0000

■ 167.1910,
-59.7472, 77.0085

■ 167.1910,
-59.7472, 77.0085

■ 156.7100,
-66.9050, 86.2003

■ 177.7860,
-52.1525, 67.7167

■ 147.8590,
-72.8945, 93.9627

■ 188.8540,
-45.2840, 58.0100

■ 199.4490,
-37.6894, 48.7182

■ 209.9300,
-30.5315, 39.5264

■ 220.5250,
-22.9368, 30.2346

■ 231.5930,
-16.0683, 20.5279

■ 242.1880, -8.4737,
11.2361

■ 252.6690, -1.3158,
2.0443

■ 255.0000, 0.0000,
0.0000

Harmonies

Analogous

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



156.7800, -26.0205, 86.1389



167.1910, -59.7472, 77.0085



161.0630, -79.4041, 35.0247

Triad

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



167.1910, -59.7472, 77.0085



140.5130, 17.9881, -123.2299



172.7010, 40.5734, 6.4012

Complementary

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



167.1910, -59.7472, 77.0085



133.8090, 59.7472, -77.0085

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.



134.7300, 59.2931, -118.1582



167.1910, -59.7472, 77.0085



147.6780, 47.9797, -129.5136

Square

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



167.1910, -59.7472, 77.0085



130.1850, -11.4302, -114.1722



144.7090, 54.3735, -126.9098



174.8770, 30.6266, 70.2679

Rectangle

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



167.1910, -59.7472, 77.0085



158.0460, -67.0707, -0.9173



144.7090, 54.3735, -126.9098



166.3120, 43.7232, -23.9526

Sweetspot

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



167.1910, -59.7472, 77.0085



228.3330, -18.4052, 23.3870



121.1450, 17.6765, 117.3908



111.8140, -11.2473, 14.1951



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.



167.1910, -59.7472, 77.0085



150.1900, -71.5787, 91.9184



227.0650, -89.2650, 24.4990



122.4090, -3.6526, 4.9033



111.1130, -54.7787, 70.0609



37.3330, -18.4052, 23.3870

Inverse Universe

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



133.8090, 59.7472, -77.0085



109.8100, 71.5787, -91.9184



73.9350, 89.2650, -24.4990



120.0040, 3.9420, -4.3885



80.4740, 54.4893, -70.5757



26.6670, 18.4052, -23.3870

Previews

White Background



This preview shows how the YUV color 167.1910, -59.7472, 77.0085 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 167.1910, -59.7472, 77.0085 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 167.1910, -59.7472, 77.0085

Background



This preview shows how black text looks on a background with the YUV color 167.1910, -59.7472, 77.0085.



This preview shows how white text looks on a background with the YUV color 167.1910, -59.7472, 77.0085.

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

167.1910, -59.7472, 77.0085

Protanopia

166.4850, -55.9481, 25.0077

Deuteranopia

166.6680, -63.4333, 45.8952



Tritanopia

174.7100, -13.1680, 70.4143

Trichromacy



Original Color

167.1910, -59.7472, 77.0085

Protanomaly

166.8510, -57.6075, 43.9807

Deuteranomaly

166.7880, -62.0135, 57.1909

Tritanomaly

172.2530, -30.1977, 72.5691

Monochromacy



Original Color

167.1910, -59.7472, 77.0085

Achromatopsia

167.0000, 0.0000, 0.0000

Achromatomaly

166.8560, -21.6210, 28.1903

CSS Examples

Text

The CSS property to change the color of the text to YUV 167.1910, -59.7472, 77.0085 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(255, 146, 46)` looks like.

```
.text, #text, p{  
    color:rgb(255, 146, 46)  
}
```

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(255, 146, 46) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 146, 46) }
```

Border

The CSS property to change the border of an element to YUV 167.1910, -59.7472, 77.0085 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(255, 146, 46) }
```


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

```
.border{ border-color:rgb(255, 146, 46) }
```

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

Here you see how a box with a 4 pixel rgb(255, 146, 46) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 146, 46); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 146, 46);  
box-shadow:4px 4px 4px 4px rgb(255, 146,  
46) }
```

Background

The CSS property to change the background color of an element to YUV 167.1910, -59.7472, 77.0085 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 146, 46) }
```

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

```
.background{ background-color: rgb(255,  
146, 46) }
```

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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