

Converting Colors

YUV(175.9110, -51.7211,
69.3611)

Have a look what the booklet for
YUV(175.9110, -51.7211, 69.3611)
contains.

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Color

**YUV(175.9110, -51.7211,
69.3611)**

Conversions

Conversions Part 1

Format	Color
Hex	FF9C47
RGB	255, 156, 71
RGB Percent	100%, 61%, 28%
CMY	0.0000, 0.3882, 0.7216
CMYK	0.00, 0.39, 0.72, 0.00
HSL	28°, 100%, 64%
HSV	28°, 72%, 100%
XYZ	54.2658, 45.4919, 11.8819
YIQ	175.9110, 86.2890, -5.4470

Conversions

Conversions Part 2

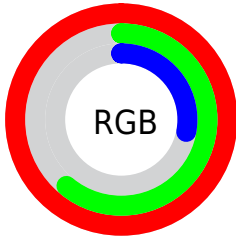
Format	Color
R_{YB}	255, 229, 71
Decimal	16751687
CIE _{Lab}	73.21, 30.25, 58.24
CIE _{LCh}	73, 65.631, 62.556
Yxy	45.4919, 0.4861, 0.4075
Android (android.graphics.Color)	4294941767 (0xFFFF9C47)
YUV	175.9110, -51.7211, 69.3611
Hunter-Lab	67.4477, 25.5808, 36.7685

Details

The YUV color **175.9110, -51.7211, 69.3611** is a light color, and the websafe version is hex **FF9933**. The color can be described as light washed orange. A complement of this color would be **150.0890, 51.7211, -69.3611**, and the grayscale version is **176.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **214.1240, -44.9241, 35.8483**, and **120.3510, -52.4310, 63.7132** is the 20% darker color. If you saturate the color by 10%, you get **164.8430, -58.5896, 79.0677**, and if you desaturate by 10%, it is **187.0930, -44.4158, 59.5544**.

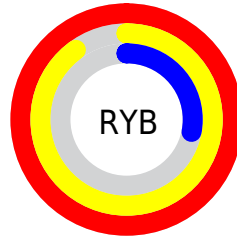
Distribution



Red (100%)

Green (61%)

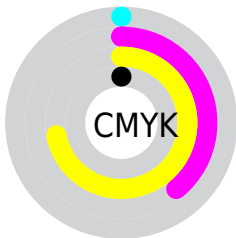
Blue (28%)



Red (100%)

Yellow (90%)

Blue (28%)

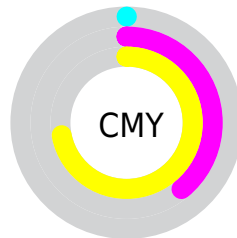


Cyan (0%)

Magenta (39%)

Yellow (72%)

Black (0%)



Cyan (0%)

Magenta (39%)

Yellow (72%)

Brightness & Saturation Gradients

These gradients show how the YUV color 175.9110, -51.7211, 69.3611 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 175.9110, -51.7211, 69.3611 by changing the saturation by 10% instead.

175.9110,
-51.7211, 69.3611

175.9110,
-51.7211, 69.3611

255.0000, 0.0000,
0.0000

148.4160,
-50.9841, 66.2872

214.1240,
-44.9241, 35.8483

120.3510,
-52.4310, 63.7132

234.2250,
-41.5229, 18.2197

94.8110, -46.7418,
58.9248

246.2220,
-33.6334, 7.6983

72.0520, -35.5216,
53.4514

249.4140,
-21.4031, 4.8989

49.5810, -24.4434,
46.8485

252.7200, -8.7360,
1.9996

25.6480, -12.6445,
42.4047

14.6510, -7.2229,

30.1241

■ 0.8970, -0.4422,
1.8443

■ 0.0000, 0.0000,
0.0000

■ 175.9110,
-51.7211, 69.3611

■ 175.9110,
-51.7211, 69.3611

■ 164.8430,
-58.5896, 79.0677

■ 187.0930,
-44.4158, 59.5544

■ 154.2480,
-66.1843, 88.3595

■ 197.5740,
-37.2580, 50.3626

■ 145.5110,
-71.7369, 96.0219

■ 208.6420,
-30.3895, 40.6560

■ 219.8240,
-23.0842, 30.8494

231.0060,
-15.7790, 21.0427

241.4870, -8.6211,
11.8509

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.



167.7680, -24.5356, 76.5025



175.9110, -51.7211, 69.3611



171.8510, -61.0585, 30.8257

Triad

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



175.9110, -51.7211, 69.3611



143.5450, 19.4513, -125.8890



180.3760, 36.7896, 6.6862

Complementary

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



175.9110, -51.7211, 69.3611



150.0890, 51.7211, -69.3611

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.



148.4290, 52.5395, -98.6002



175.9110, -51.7211, 69.3611



149.7980, 45.9486, -131.3728

Square

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



175.9110, -51.7211, 69.3611



148.2960, -12.9639, -88.8366



146.4700, 53.5053, -128.4542



183.5680, 25.8490, 62.6459

Rectangle

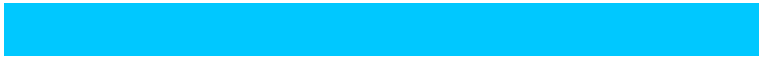
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



175.9110, -51.7211, 69.3611



168.4880, -53.9776, -0.4280



146.4700, 53.5053, -128.4542



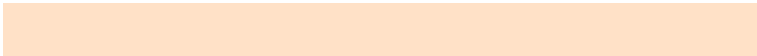
175.2050, 39.3389, -17.7198

Sweetspot

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



175.9110, -51.7211, 69.3611



231.0060, -15.7790, 21.0427



137.5300, 16.9937, 103.0212



113.5580, -9.6421, 12.6656



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.



175.9110, -51.7211, 69.3611



159.8390, -62.5316, 83.4562



228.7410, -77.7663, 23.0291



122.4090, -3.6526, 4.9033



108.7650, -53.6211, 72.1201



36.1590, -17.8264, 24.4166

Inverse Universe

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



150.0890, 51.7211, -69.3611



128.7480, 62.2422, -83.9710



97.2590, 77.7663, -23.0291



120.5910, 3.6526, -4.9033



82.2350, 53.6211, -72.1201



27.2540, 18.1158, -23.9018

Previews

White Background



This preview shows how the YUV color 175.9110, -51.7211, 69.3611 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 175.9110, -51.7211, 69.3611 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 175.9110, -51.7211, 69.3611 Background



This preview shows how black text looks on a background with the YUV color 175.9110, -51.7211, 69.3611.



This preview shows how white text looks on a background with the YUV color 175.9110, -51.7211, 69.3611.

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

175.9110, -51.7211, 69.3611

Protanopia

174.3520, -47.5015, 22.4933

Deuteranopia

175.2900, -53.3870, 43.5957



Tritanopia

182.4210, -11.5466, 63.6518

Trichromacy



Original Color

175.9110, -51.7211, 69.3611

Protanomaly

174.7070, -49.1556, 39.7220

Deuteranomaly

175.7580, -53.1247, 52.8322

Tritanomaly

179.9470, -26.1029, 65.8215

Monochromacy



Original Color

175.9110, -51.7211, 69.3611

Achromatopsia

176.0000, 0.0000, 0.0000

Achromatomaly

176.2300, -18.8474, 25.2313

CSS Examples

Text

The CSS property to change the color of the text to YUV 175.9110, -51.7211, 69.3611 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, 156, 71)` looks like.

```
.text, #text, p{  
    color:rgb(255, 156, 71)  
}
```

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, 156, 71) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 156, 71) }
```

Border

The CSS property to change the border of an element to YUV 175.9110, -51.7211, 69.3611 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, 156, 71) }
```


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

```
.border{ border-color:rgb(255, 156, 71) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 156, 71)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 156, 71); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 156, 71);  
box-shadow:4px 4px 4px 4px rgb(255, 156,  
71) }
```

Background

The CSS property to change the background color of an element to YUV 175.9110, -51.7211, 69.3611 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 156, 71) }
```

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

```
.background{ background-color: rgb(255,  
156, 71) }
```

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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