

Converting Colors

YUV(163.8970, -57.1372,
79.8973)

Have a look what the booklet for
YUV(163.8970, -57.1372, 79.8973)
contains.

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Color

**YUV(163.8970, -57.1372,
79.8973)**

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | FF8C30 |
| RGB | 255, 140, 48 |
| RGB Percent | 100%, 55%, 19% |
| CMY | 0.0000, 0.4510, 0.8118 |
| CMYK | 0.00, 0.45, 0.81, 0.00 |
| HSL | 27°, 100%, 59% |
| HSV | 27°, 81%, 100% |
| XYZ | 51.1516, 40.2296, 7.8654 |
| YIQ | 163.8970, 98.0720, -4.2320 |

Conversions

Conversions Part 2

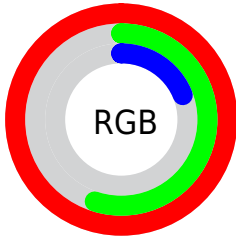
| Format | Color |
|-------------------------------------|--------------------------------|
| R_{YB} | 255, 214, 48 |
| Decimal | 16747568 |
| CIE _{Lab} | 69.63, 37.60, 64.35 |
| CIE _{LCh} | 70, 74.526, 59.704 |
| Yxy | 40.2296, 0.5154, 0.4053 |
| Android (android.graphics.Color) | 4294937648 (0xFFFF8C30) |
| YUV | 163.8970, -57.1372, 79.8973 |
| Hunter-Lab | 63.4268, 32.9574, 37.0463 |

Details

The YUV color **163.8970, -57.1372, 79.8973** 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 **139.1030, 57.1372, -79.8973**, and the grayscale version is **164.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **202.3380, -49.4666, 46.1846**, and **109.0640, -53.7686, 72.7349** is the 20% darker color. If you saturate the color by 10%, you get **152.8290, -64.0057, 89.6040**, and if you desaturate by 10%, it is **175.0790, -49.8319, 70.0907**.

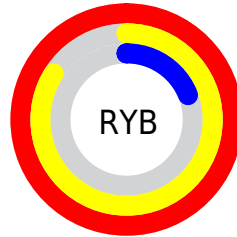
Distribution



Red (100%)

Green (55%)

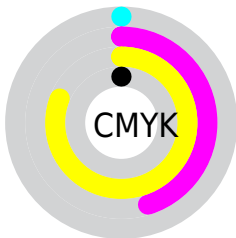
Blue (19%)



Red (100%)

Yellow (84%)

Blue (19%)

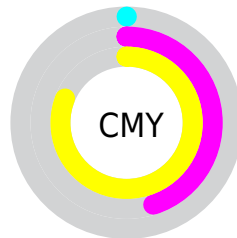


Cyan (0%)

Magenta (45%)

Yellow (81%)

Black (0%)



Cyan (0%)

Magenta (45%)

Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the YUV color 163.8970, -57.1372, 79.8973 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 163.8970, -57.1372, 79.8973 by changing the saturation by 10% instead.

163.8970,
-57.1372, 79.8973

163.8970,
-57.1372, 79.8973

255.0000, 0.0000,
0.0000

135.4190,
-58.8736, 76.8085

202.3380,
-49.4666, 46.1846

109.0640,
-53.7686, 72.7349

221.7380,
-46.2128, 29.1708

85.1200, -41.9642,
66.5468

241.9530,
-42.3748, 11.4422

61.1760, -30.1598,
60.3586

246.9060,
-31.0127, 7.0984

35.7700, -17.6346,
56.3297

250.0980,
-18.7823, 4.2991

21.2290, -10.4659,
43.6492

253.4040, -6.1152,

14.2810, -6.0545,

1.3997

28.6946

■ 0.0000, 0.0000,
0.0000

■ 163.8970,
-57.1372, 79.8973

■ 163.8970,
-57.1372, 79.8973

■ 152.8290,
-64.0057, 89.6040

■ 175.0790,
-49.8319, 70.0907

■ 142.5760,
-70.2900, 98.5958

■ 186.1470,
-42.9635, 60.3841

■ 197.9160,
-35.9476, 50.0627

■ 208.9840,
-29.0791, 40.3560

■ 220.1660,
-21.7738, 30.5494

231.2340,
-14.9054, 20.8428

242.4160, -7.6001,
11.0362

253.4840, -0.7316,
1.3295

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.



154.1870, -23.2632, 88.4130



163.8970, -57.1372, 79.8973



158.7260, -78.2519, 38.8283

Triad

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



163.8970, -57.1372, 79.8973



137.0250, 14.7777, -120.1709



167.9280, 42.9265, -1.6909

Complementary

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



163.8970, -57.1372, 79.8973



139.1030, 57.1372, -79.8973

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.



133.5560, 59.8719, -117.1286



163.8970, -57.1372, 79.8973



144.7770, 44.4799, -126.9694

Square

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



163.8970, -57.1372, 79.8973



126.2240, -13.9144, -110.6984



142.9480, 55.2416, -125.3654



173.0230, 32.5267, 67.5088

Rectangle

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



163.8970, -57.1372, 79.8973



154.2980, -72.6179, 5.0007



142.9480, 55.2416, -125.3654



160.3430, 46.6659, -34.5038

Sweetspot

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



163.8970, -57.1372, 79.8973



228.0880, -16.8054, 23.6018



123.2310, 20.5921, 115.5614



111.4550, -10.0843, 14.5100



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.



163.8970, -57.1372, 79.8973



146.4230, -68.2425, 95.2220



223.1840, -86.3657, 27.9026



121.8220, -3.3632, 5.4181



107.0040, -52.7530, 73.6645



35.5720, -17.5370, 24.9314

Inverse Universe

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



139.1030, 57.1372, -79.8973



116.5770, 68.2425, -95.2220



79.8160, 86.3657, -27.9026



120.5910, 3.6526, -4.9033



83.9960, 52.7530, -73.6645



27.8410, 17.8264, -24.4166

Previews

White Background



This preview shows how the YUV color 163.8970, -57.1372, 79.8973 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 163.8970, -57.1372, 79.8973 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 163.8970, -57.1372, 79.8973

Background



This preview shows how black text looks on a background with the YUV color 163.8970, -57.1372, 79.8973.



This preview shows how white text looks on a background with the YUV color 163.8970, -57.1372, 79.8973.

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

163.8970, -57.1372, 79.8973

Protanopia

163.8700, -53.1799, 23.7930

Deuteranopia

163.8250, -61.5387, 44.8805



Tritanopia

171.0910, -14.3419, 73.5882

Trichromacy



Original Color

163.8970, -57.1372, 79.8973

Protanomaly

163.9480, -54.6974, 43.8956

Deuteranomaly

163.9560, -60.1243, 57.9206

Tritanomaly

168.3890, -29.7718, 75.9578

Monochromacy



Original Color

163.8970, -57.1372, 79.8973

Achromatopsia

164.0000, 0.0000, 0.0000

Achromatomaly

163.7960, -20.6054, 29.1199

CSS Examples

Text

The CSS property to change the color of the text to YUV 163.8970, -57.1372, 79.8973 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, 140, 48)` looks like.

```
.text, #text, p{  
    color:rgb(255, 140, 48)  
}
```

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, 140, 48) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 140, 48) }
```

Border

The CSS property to change the border of an element to YUV 163.8970, -57.1372, 79.8973 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, 140, 48) }
```


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

```
.border{ border-color:rgb(255, 140, 48) }
```

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

Here you see how a box with a 4 pixel rgb(255, 140, 48) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 140, 48); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 140, 48);  
box-shadow:4px 4px 4px 4px rgb(255, 140,  
48) }
```

Background

The CSS property to change the background color of an element to YUV 163.8970, -57.1372, 79.8973 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 140, 48) }
```

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

```
.background{ background-color: rgb(255,  
140, 48) }
```

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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