

Converting Colors

YUV(172.5880, -61.9149,
72.2753)

Have a look what the booklet for
YUV(172.5880, -61.9149, 72.2753)
contains.

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Color

**YUV(172.5880, -61.9149,
72.2753)**

Conversions

Conversions Part 1

Format	Color
Hex	FF9B2F
RGB	255, 155, 47
RGB Percent	100%, 61%, 18%
CMY	0.0000, 0.3922, 0.8157
CMYK	0.00, 0.39, 0.82, 0.00
HSL	31°, 100%, 59%
HSV	31°, 82%, 100%
XYZ	53.4744, 44.9079, 8.5390
YIQ	172.5880, 94.2680, -12.3880

Conversions

Conversions Part 2

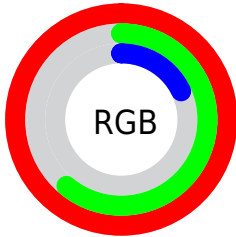
Format	Color
R_{YB}	240, 255, 47
Decimal	16751407
CIE Lab	72.83, 29.87, 67.55
CIE LCh	73, 73.861, 66.142
Yxy	44.9079, 0.5001, 0.4200
Android (android.graphics.Color)	4294941487 (0xFFFF9B2F)
YUV	172.5880, -61.9149, 72.2753
Hunter-Lab	67.0134, 25.1636, 39.3545

Details

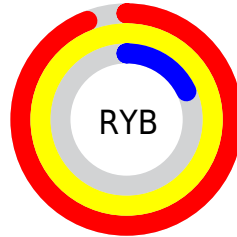
The YUV color **172.5880, -61.9149, 72.2753** is a dark color, and the websafe version is hex **FF9933**. The color can be described as middle washed orange. A complement of this color would be **129.4120, 61.9149, -72.2753**, and the grayscale version is **173.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **211.1430, -53.8075, 38.4626**, and **117.8690, -58.1094, 65.0129** is the 20% darker color. If you saturate the color by 10%, you get **162.6940, -69.3621, 80.9524**, and if you desaturate by 10%, it is **182.5960, -54.0308, 63.4983**.

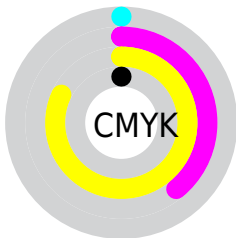
Distribution



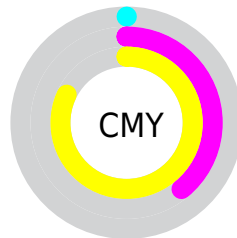
- Red (100%)
- Green (61%)
- Blue (18%)



- Red (94%)
- Yellow (100%)
- Blue (18%)



- Cyan (0%)
- Magenta (39%)
- Yellow (82%)
- Black (0%)



- Cyan (0%)
- Magenta (39%)
- Yellow (82%)

Brightness & Saturation Gradients

These gradients show how the YUV color 172.5880, -61.9149, 72.2753 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 172.5880, -61.9149, 72.2753 by changing the saturation by 10% instead.

172.5880,
-61.9149, 72.2753

172.5880,
-61.9149, 72.2753

255.0000, 0.0000,
0.0000

143.6540,
-65.3984, 69.5864

211.1430,
-53.8075, 38.4626

117.8690,
-58.1094, 65.0129

230.6570,
-50.1169, 21.3488

93.9250, -46.3050,
58.8248

243.8280,
-42.8062, 9.7978

71.4540, -35.2268,
52.2218

247.0200,
-30.5759, 6.9985

48.3960, -23.8592,
46.1337

250.3260,
-17.9087, 4.0991

25.3490, -12.4971,
41.7899

253.6320, -5.2416,

14.0530, -6.9281,

1.1997

28.8945

■ 0.0000, 0.0000,
0.0000

■ 172.5880,
-61.9149, 72.2753

■ 172.5880,
-61.9149, 72.2753

■ 162.6940,
-69.3621, 80.9524

■ 182.5960,
-54.0308, 63.4983

■ 153.7290,
-75.7884, 88.8147

■ 193.0770,
-46.8730, 54.3065

■ 203.0850,
-38.9889, 45.5295

■ 212.9790,
-31.5416, 36.8524

■ 222.9870,
-23.6576, 28.0754

■ 233.4680,
-16.4997, 18.8836

■ 243.4760, -8.6157,
10.1065

■ 253.3700, -1.1684,
1.4295

■ 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.



162.5360, -29.3512, 81.0909



172.5880, -61.9149, 72.2753



166.8280, -76.3302, 29.0918

Triad

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



172.5880, -61.9149, 72.2753



145.0440, 22.6563, -127.2036



178.6700, 37.6307, 16.9524

Complementary

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



172.5880, -61.9149, 72.2753



129.4120, 61.9149, -72.2753

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.



135.9040, 58.7143, -119.1878



172.5880, -61.9149, 72.2753



151.7530, 50.9008, -133.0874

Square

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



172.5880, -61.9149, 72.2753



135.3030, -7.0514, -118.6607



146.4700, 53.5053, -128.4542



176.4100, 28.8849, 68.9234

Rectangle

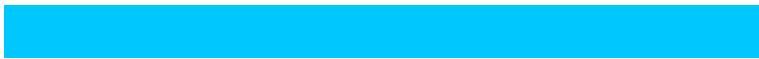
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



172.5880, -61.9149, 72.2753



163.3100, -60.7918, -8.1649



146.4700, 53.5053, -128.4542



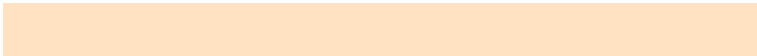
174.3630, 39.7540, -10.8424

Sweetspot

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



172.5880, -61.9149, 72.2753



231.0230, -18.2523, 21.0278



120.7060, 13.4559, 117.7758



113.2160, -10.9525, 12.9656



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.



172.5880, -61.9149, 72.2753



156.0600, -74.4726, 86.7704



230.3910, -90.4118, 18.9511



122.4090, -3.6526, 4.9033



115.2220, -56.8044, 66.4573



38.5070, -18.9840, 22.3574

Inverse Universe

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



129.4120, 61.9149, -72.2753



103.9400, 74.4726, -86.7704



71.6090, 90.4118, -18.9511



120.0040, 3.9420, -4.3885



75.7780, 56.8044, -66.4573



25.4930, 18.9840, -22.3574

Previews

White Background



This preview shows how the YUV color 172.5880, -61.9149, 72.2753 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 172.5880, -61.9149, 72.2753 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 172.5880, -61.9149, 72.2753

Background



This preview shows how black text looks on a background with the YUV color 172.5880, -61.9149, 72.2753.



This preview shows how white text looks on a background with the YUV color 172.5880, -61.9149, 72.2753.

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

172.5880, -61.9149, 72.2753

Protanopia

171.8010, -58.5689, 25.6075

Deuteranopia

171.9240, -65.0385, 47.4247



Tritanopia

181.0190, -11.8414, 64.8813

Trichromacy



Original Color

172.5880, -61.9149, 72.2753

Protanomaly

172.2700, -59.7861, 42.7362

Deuteranomaly

172.6200, -63.9027, 56.4613

Tritanomaly

178.2200, -30.1815, 67.3361

Monochromacy



Original Color

172.5880, -61.9149, 72.2753

Achromatopsia

173.0000, 0.0000, 0.0000

Achromatomaly

172.6170, -22.4892, 26.6459

CSS Examples

Text

The CSS property to change the color of the text to YUV 172.5880, -61.9149, 72.2753 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, 155, 47)` looks like.

```
.text, #text, p{  
    color:rgb(255, 155, 47)  
}
```

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, 155, 47) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 155, 47) }
```

Border

The CSS property to change the border of an element to YUV 172.5880, -61.9149, 72.2753 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, 155, 47) }
```


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

```
.border{ border-color:rgb(255, 155, 47) }
```

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

Here you see how a box with a 4 pixel rgb(255, 155, 47) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 155, 47); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 155, 47);  
box-shadow:4px 4px 4px 4px rgb(255, 155,  
47) }
```

Background

The CSS property to change the background color of an element to YUV 172.5880, -61.9149, 72.2753 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 155, 47) }
```

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

```
.background{ background-color: rgb(255,  
155, 47) }
```

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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