

Converting Colors

YUV(169.5780, -83.6020,
74.9151)

Have a look what the booklet for
YUV(169.5780, -83.6020, 74.9151)
contains.

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Color

**YUV(169.5780, -83.6020,
74.9151)**

Conversions

Conversions Part 1

Format	Color
Hex	FF9F00
RGB	255, 159, 0
RGB Percent	100%, 62%, 0%
CMY	0.0000, 0.3765, 1.0000
CMYK	0.00, 0.38, 1.00, 0.00
HSL	37°, 100%, 50%
HSV	37°, 100%, 100%
XYZ	53.6381, 46.0563, 6.0627
YIQ	169.5780, 108.2550, -29.0970

Conversions

Conversions Part 2

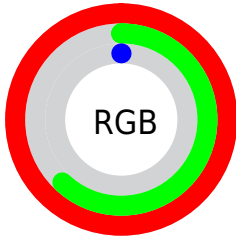
Format	Color
R_{YB}	154, 255, 0
Decimal	16752384
CIE _{Lab}	73.58, 27.06, 78.08
CIE _{LCh}	74, 82.636, 70.886
Yxy	46.0563, 0.5072, 0.4355
Android (android.graphics.Color)	4294942464 (0xFFFF9F00)
YUV	169.5780, -83.6020, 74.9151
Hunter-Lab	67.8648, 22.3173, 42.2087

Details

The YUV color **169.5780, -83.6020, 74.9151** is a dark color, and the websafe version is hex **FF9900**, and the color name is **orange peel**. The color can be described as middle saturated orange. A complement of this color would be **85.4220, 83.6020, -74.9151**, and the grayscale version is **170.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **210.7550, -65.4482, 38.8029**, and **120.2170, -59.2670, 62.9537** is the 20% darker color. If you saturate the color by 10%, you get **169.5780, -83.6020, 74.9151**, and if you desaturate by 10%, it is **178.2980, -75.5759, 67.2677**.

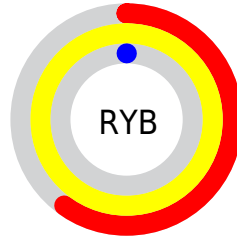
Distribution



Red (100%)

Green (62%)

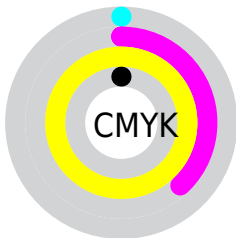
Blue (0%)



Red (60%)

Yellow (100%)

Blue (0%)

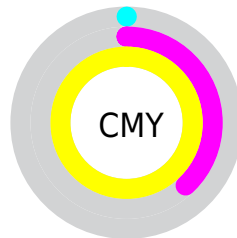


Cyan (0%)

Magenta (38%)

Yellow (100%)

Black (0%)



Cyan (0%)

Magenta (38%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 169.5780, -83.6020, 74.9151 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 169.5780, -83.6020, 74.9151 by changing the saturation by 10% instead.

169.5780,
-83.6020, 74.9151

169.5780,
-83.6020, 74.9151

255.0000, 0.0000,
0.0000

144.7480,
-71.3608, 68.6270

210.7550,
-65.4482, 38.8029

120.2170,
-59.2670, 62.9537

230.4970,
-60.8840, 21.4891

96.8600, -47.7520,
56.2508

241.3200,
-52.4158, 11.9974

73.5030, -36.2370,
49.5479

244.5120,
-40.1854, 9.1980

51.3310, -25.3062,
43.5597

247.8180,
-27.5183, 6.2986

29.1590, -14.3754,
37.5716

251.1240,

14.0530, -6.9281,

-14.8511, 3.3993

28.8945

254.5440, -1.7472,
0.3999

■ 0.0000, 0.0000,
0.0000

■ 169.5780,
-83.6020, 74.9151

■ 178.2980,
-75.5759, 67.2677

■ 186.5450,
-66.8237, 60.0350

■ 195.3790,
-58.3608, 52.2876

■ 203.5120,
-50.0454, 45.1550

■ 212.3460,
-41.5826, 37.4076

■ 221.0660,
-33.5565, 29.7601

■ 229.3130,
-24.8043, 22.5275

■ 238.0330,
-16.7783, 14.8801

■ 246.2800, -8.0260,
7.6474

Harmonies

Analogous

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



159.1960, -37.0716, 84.0201



169.5780, -83.6020, 74.9151



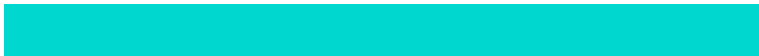
166.2910, -81.9815, 21.6698

Triad

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



169.5780, -83.6020, 74.9151



149.8030, 28.1981, -131.3772



180.5410, 36.7083, 32.8515

Complementary

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



169.5780, -83.6020, 74.9151



85.4220, 83.6020, -74.9151

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.



137.4100, 57.9719, -114.3696



169.5780, -83.6020, 74.9151



154.1010, 49.7432, -135.1466

Square

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



169.5780, -83.6020, 74.9151



139.0360, -5.4407, -121.9346



147.6440, 52.9265, -129.4838



168.4370, 31.3366, 75.9158

Rectangle

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



169.5780, -83.6020, 74.9151



160.3550, -69.1950, -19.6053



147.6440, 52.9265, -129.4838



176.2230, 38.8371, 3.3124

Sweetspot

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



169.5780, -83.6020, 74.9151



229.3130, -24.8043, 22.5275



87.4170, 5.2174, 146.9703



112.1900, -14.8837, 13.8654



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.



169.5780, -83.6020, 74.9151



216.9600, -106.9613, 7.0511



123.5830, -4.2314, 3.8737



126.9620, -62.5923, 56.1613



42.6160, -21.0097, 18.7538

Inverse Universe

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



85.4220, 83.6020, -74.9151



38.0400, 106.9613, -7.0511



119.4170, 4.2314, -3.8737



64.0380, 62.5923, -56.1613



21.3840, 21.0097, -18.7538

Previews

White Background



This preview shows how the YUV color 169.5780, -83.6020, 74.9151 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 169.5780, -83.6020, 74.9151 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 169.5780, -83.6020, 74.9151 Background



This preview shows how black text looks on a background with the YUV color 169.5780, -83.6020, 74.9151.



This preview shows how white text looks on a background with the YUV color 169.5780, -83.6020,

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



Protanopia

169.9960, -74.4410, 29.8215

Deuteranopia

169.4350, -83.5315, 52.2385

Tritanopia

183.2360, -10.9623, 62.9370

Trichromacy



Protanomaly

170.1830, -77.9842, 46.3205

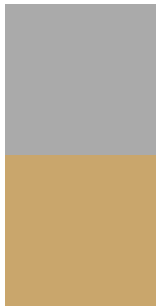
Deuteranomaly

169.1910, -83.4112, 60.3455

Tritanomaly

178.2710, -37.6016, 67.2913

Monochromacy



Achromatopsia

170.0000, 0.0000, 0.0000

Achromatomaly

169.8530, -30.4935, 27.3159

CSS Examples

Text

The CSS property to change the color of the text to YUV 169.5780, -83.6020, 74.9151 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, 159, 0)` looks like.

```
.text, #text, p{  
    color:rgb(255, 159, 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(255, 159, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 159, 0) }
```

Border

The CSS property to change the border of an element to YUV 169.5780, -83.6020, 74.9151 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, 159, 0) }
```

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

```
.border{ border-color:rgb(255, 159, 0) }
```

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

Here you see how a box with a 4 pixel rgb(255, 159, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 159, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 159, 0);  
box-shadow:4px 4px 4px 4px rgb(255, 159,  
0) }
```

Background

The CSS property to change the background color of an element to YUV 169.5780, -83.6020, 74.9151 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 159, 0) }
```

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

```
.background{ background-color: rgb(255,  
159, 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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