

Converting Colors

YUV(170.8780, -68.4669,
73.7750)

Have a look what the booklet for
YUV(170.8780, -68.4669, 73.7750)
contains.

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Color

**YUV(170.8780, -68.4669,
73.7750)**

Conversions

Conversions Part 1

Format	Color
Hex	FF9B20
RGB	255, 155, 32
RGB Percent	100%, 61%, 13%
CMY	0.0000, 0.3922, 0.8745
CMYK	0.00, 0.39, 0.87, 0.00
HSL	33°, 100%, 56%
HSV	33°, 87%, 100%
XYZ	53.2221, 44.8070, 7.2100
YIQ	170.8780, 99.0830, -17.0530

Conversions

Conversions Part 2

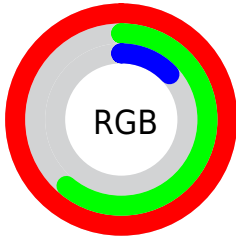
Format	Color
R _Y B	213, 255, 32
Decimal	16751392
CIE Lab	72.76, 29.51, 72.13
CIE LCh	73, 77.933, 67.748
Yxy	44.8070, 0.5057, 0.4258
Android (android.graphics.Color)	4294941472 (0xFFFF9B20)
YUV	170.8780, -68.4669, 73.7750
Hunter-Lab	66.9380, 24.7829, 40.4704

Details

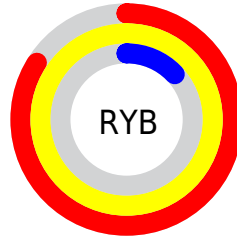
The YUV color **170.8780, -68.4669, 73.7750** is a dark color, and the websafe version is hex **FF9900**. The color can be described as middle washed orange. A complement of this color would be **116.1220, 68.4669, -73.7750**, and the grayscale version is **171.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **209.8890, -58.6123, 39.5623**, and **117.8690, -58.1094, 65.0129** is the 20% darker color. If you saturate the color by 10%, you get **161.5710, -76.2035, 81.9372**, and if you desaturate by 10%, it is **180.1850, -60.7302, 65.6128**.

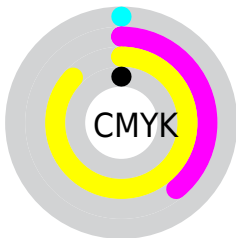
Distribution



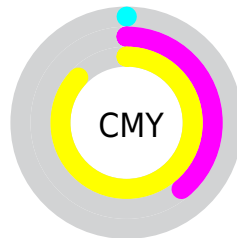
- Red (100%)
- Green (61%)
- Blue (13%)



- Red (84%)
- Yellow (100%)
- Blue (13%)



- Cyan (0%)
- Magenta (39%)
- Yellow (87%)
- Black (0%)



- Cyan (0%)
- Magenta (39%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the YUV color 170.8780, -68.4669, 73.7750 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 170.8780, -68.4669, 73.7750 by changing the saturation by 10% instead.

170.8780,
-68.4669, 73.7750

170.8780,
-68.4669, 73.7750

255.0000, 0.0000,
0.0000

142.4000,
-70.2032, 70.6862

209.8890,
-58.6123, 39.5623

117.8690,
-58.1094, 65.0129

229.5170,
-54.4849, 22.3486

94.5120, -46.5944,
58.3100

242.6880,
-47.1742, 10.7976

71.4540, -35.2268,
52.2218

245.8800,
-34.9438, 7.9982

48.3960, -23.8592,
46.1337

249.0720,
-22.7135, 5.1989

25.0500, -12.3496,
41.1752

252.3780,

14.0530, -6.9281,

-10.0464, 2.2995

28.8945

■ 0.0000, 0.0000,
0.0000

■ 170.8780,
-68.4669, 73.7750

■ 170.8780,
-68.4669, 73.7750

■ 161.5710,
-76.2035, 81.9372

■ 180.1850,
-60.7302, 65.6128

■ 159.0120,
-78.3929, 84.1815

■ 190.1930,
-52.8461, 56.8357

■ 199.5000,
-45.1095, 48.6735

■ 209.5080,
-37.2254, 39.8965

■ 218.9290,
-29.0520, 31.6343

■ 228.8230,
-21.6047, 22.9572

■ 238.2440,
-13.4313, 14.6950

■ 247.5510, -5.6946,
6.5328

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.



159.8630, -31.9775, 83.4351



170.8780, -68.4669, 73.7750



164.8510, -81.2715, 27.3177

Triad

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



170.8780, -68.4669, 73.7750



146.7880, 24.2615, -128.7331



178.7030, 37.6144, 22.1855

Complementary

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



170.8780, -68.4669, 73.7750



116.1220, 68.4669, -73.7750

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.



135.3170, 59.0037, -118.6730



170.8780, -68.4669, 73.7750



152.3400, 50.6114, -133.6022

Square

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



170.8780, -68.4669, 73.7750



135.8900, -7.3408, -119.1755



146.4700, 53.5053, -128.4542



172.1870, 30.4738, 72.6270

Rectangle

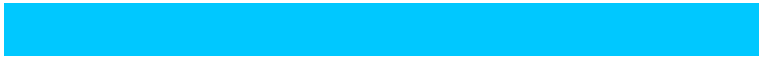
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



170.8780, -68.4669, 73.7750



161.3220, -65.7277, -11.6834



146.4700, 53.5053, -128.4542



173.7980, 40.0326, -6.8388

Sweetspot

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



170.8780, -68.4669, 73.7750



229.8660, -20.1469, 22.0425



110.0770, 10.8080, 127.0975



112.8740, -12.2629, 13.2655



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.



170.8780, -68.4669, 73.7750



159.0120, -78.3929, 84.1815



226.2890, -95.7845, 15.5325



122.9960, -3.9420, 4.3885



118.7440, -58.5408, 63.3685



39.6810, -19.5627, 21.3278

Inverse Universe

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



116.1220, 68.4669, -73.7750



95.9880, 78.3929, -84.1815



60.7110, 95.7845, -15.5325



119.4170, 4.2314, -3.8737



72.2560, 58.5408, -63.3685



24.3190, 19.5627, -21.3278

Previews

White Background



This preview shows how the YUV color 170.8780, -68.4669, 73.7750 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 170.8780, -68.4669, 73.7750 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 170.8780, -68.4669, 73.7750

Background



This preview shows how black text looks on a background with the YUV color 170.8780, -68.4669, 73.7750.



This preview shows how white text looks on a background with the YUV color 170.8780, -68.4669, 73.7750.

73.7750.

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

170.8780, -68.4669, 73.7750

Protanopia

169.5040, -64.8315, 27.6220

Deuteranopia

169.6440, -73.7745, 49.4242



Tritanopia

181.0190, -11.8414, 64.8813

Trichromacy



Original Color

170.8780, -68.4669, 73.7750

Protanomaly

169.9730, -66.0487, 44.7507

Deuteranomaly

170.4540, -72.2018, 58.3608

Tritanomaly

177.6500, -32.3655, 67.8359

Monochromacy



Original Color

170.8780, -68.4669, 73.7750

Achromatopsia

171.0000, 0.0000, 0.0000

Achromatomaly

170.9330, -25.1100, 27.2458

CSS Examples

Text

The CSS property to change the color of the text to YUV 170.8780, -68.4669, 73.7750 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, 32)` looks like.

```
.text, #text, p{  
    color:rgb(255, 155, 32)  
}
```

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, 32) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 155, 32) }
```

Border

The CSS property to change the border of an element to YUV 170.8780, -68.4669, 73.7750 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, 32) }
```


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

```
.border{ border-color:rgb(255, 155, 32) }
```

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, 32)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 155, 32); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 155, 32);  
box-shadow:4px 4px 4px 4px rgb(255, 155,  
32) }
```

Background

The CSS property to change the background color of an element to YUV 170.8780, -68.4669, 73.7750 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, 32) }
```

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

```
.background{ background-color: rgb(255,  
155, 32) }
```

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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