

Converting Colors

YUV(167.6180, -70.8037,
76.6340)

Have a look what the booklet for
YUV(167.6180, -70.8037, 76.6340)
contains.

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Color

**YUV(167.6180, -70.8037,
76.6340)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|------------------------------|
| Hex | FF9718 |
| RGB | 255, 151, 24 |
| RGB Percent | 100%, 59%, 9% |
| CMY | 0.0000, 0.4078, 0.9059 |
| CMYK | 0.00, 0.41, 0.91, 0.00 |
| HSL | 33°, 100%, 55% |
| HSV | 33°, 91%, 100% |
| XYZ | 52.4715, 43.4592, 6.4871 |
| YIQ | 167.6180, 102.7510, -17.4490 |

Conversions

Conversions Part 2

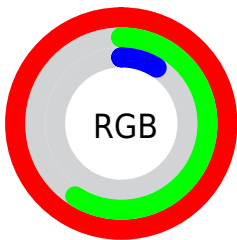
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 213, 255, 24 |
| Decimal | 16750360 |
| CIE Lab | 71.87, 31.44, 73.38 |
| CIE LCh | 72, 79.831, 66.806 |
| Yxy | 43.4592, 0.5123, 0.4243 |
| Android (android.graphics.Color) | 4294940440 (0xFFFF9718) |
| YUV | 167.6180, -70.8037, 76.6340 |
| Hunter-Lab | 65.9236, 26.7098, 40.3122 |

Details

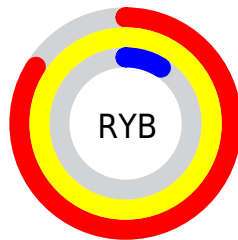
The YUV color **167.6180, -70.8037, 76.6340** is a dark color, and the websafe version is hex **FF9900**. The color can be described as middle washed orange. A complement of this color would be **111.3820, 70.8037, -76.6340**, and the grayscale version is **168.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **206.9710, -59.6387, 42.1214**, and **115.5210, -56.9519, 67.0721** is the 20% darker color. If you saturate the color by 10%, you get **158.4250, -78.1035, 84.6963**, and if you desaturate by 10%, it is **176.9250, -63.0670, 68.4718**.

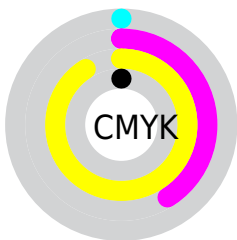
Distribution



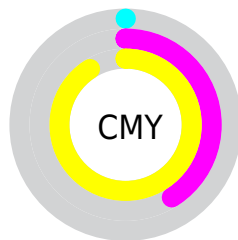
- Red (100%)
- Green (59%)
- Blue (9%)



- Red (84%)
- Yellow (100%)
- Blue (9%)



- Cyan (0%)
- Magenta (41%)
- Yellow (91%)
- Black (0%)





- Cyan (0%)
- Magenta (41%)
- Yellow (91%)

Brightness & Saturation Gradients

These gradients show how the YUV color 167.6180, -70.8037, 76.6340 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 167.6180, -70.8037, 76.6340 by changing the saturation by 10% instead.


 167.6180,
-70.8037, 76.6340


 167.6180,
-70.8037, 76.6340


255.0000, 0.0000,
0.0000


 140.0520,
-69.0456, 72.7454


 206.9710,
-59.6387, 42.1214


 115.5210,
-56.9519, 67.0721


 226.5990,
-55.5113, 24.9077

 92.1640, -45.4369,
60.3692


 242.0040,
-49.7950, 11.3975

 68.8070, -33.9219,
53.6663

 245.3100,
-37.1278, 8.4981

 45.7490, -22.5543,
47.5781

 248.5020,
-24.8975, 5.6987

 22.1150, -10.9027,
43.7491

 251.8080,

 14.0530, -6.9281,

-12.2303, 2.7994

28.8945

■ 0.0000, 0.0000,
0.0000

■ 167.6180,
-70.8037, 76.6340

■ 167.6180,
-70.8037, 76.6340

■ 158.4250,
-78.1035, 84.6963

■ 176.9250,
-63.0670, 68.4718

■ 186.9330,
-55.1830, 59.6948

■ 196.2400,
-47.4463, 51.5325

■ 206.2480,
-39.5623, 42.7555

■ 215.5550,
-31.8256, 34.5933

■ 225.5630,
-23.9416, 25.8162

■ 234.9840,
-15.7681, 17.5540

■ 244.8780, -8.3209,
8.8770

254.1850, -0.5842,
0.7148

Harmonies

Analogous

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



156.1130, -31.1147, 86.7239



167.6180, -70.8037, 76.6340



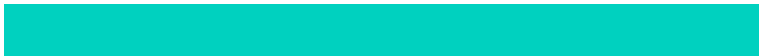
162.7910, -80.2560, 28.2473

Triad

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



167.6180, -70.8037, 76.6340



144.4570, 22.9457, -126.6888



175.7350, 39.0776, 19.5264

Complementary

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



167.6180, -70.8037, 76.6340



111.3820, 70.8037, -76.6340

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.



134.7300, 59.2931, -118.1582



167.6180, -70.8037, 76.6340



151.1660, 51.1902, -132.5726

Square

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



167.6180, -70.8037, 76.6340



134.0320, -9.3828, -117.5461



145.8830, 53.7947, -127.9394



169.9530, 32.0682, 74.5862

Rectangle

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



167.6180, -70.8037, 76.6340



156.7970, -72.8639, -9.4690



145.8830, 53.7947, -127.9394



170.2320, 41.7906, -10.7275

Sweetspot

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



167.6180, -70.8037, 76.6340



228.9370, -21.1679, 22.8573



105.3810, 13.1232, 131.2159



112.1730, -12.4103, 13.8803



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.



167.6180, -70.8037, 76.6340



158.4250, -78.1035, 84.6963



226.2740, -99.7211, 18.1767



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.



111.3820, 70.8037, -76.6340



96.5750, 78.1035, -84.6963



52.7260, 99.7211, -18.1767



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 167.6180, -70.8037, 76.6340 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 167.6180, -70.8037, 76.6340 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 167.6180, -70.8037, 76.6340

Background



This preview shows how black text looks on a background with the YUV color 167.6180, -70.8037, 76.6340.



This preview shows how white text looks on a background with the YUV color 167.6180, -70.8037,

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

167.6180, -70.8037, 76.6340

Protanopia

167.0480, -66.5787, 28.0219

Deuteranopia

164.7060, -81.2001, 51.1238



Tritanopia

178.2150, -12.4310, 67.3404

Trichromacy



Original Color

167.6180, -70.8037, 76.6340

Protanomaly

167.4030, -68.2327, 45.2506

Deuteranomaly

165.7980, -77.3014, 60.6902

Tritanomaly

174.6180, -33.8287, 70.4950

Monochromacy



Original Color

167.6180, -70.8037, 76.6340

Achromatopsia

168.0000, 0.0000, 0.0000

Achromatomaly

168.1180, -25.6942, 27.9605

CSS Examples

Text

The CSS property to change the color of the text to YUV 167.6180, -70.8037, 76.6340 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, 151, 24)` looks like.

```
.text, #text, p{  
    color:rgb(255, 151, 24)  
}
```

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, 151, 24) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 151, 24) }
```

Border

The CSS property to change the border of an element to YUV 167.6180, -70.8037, 76.6340 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, 151, 24) }
```


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

```
.border{ border-color:rgb(255, 151, 24) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 151, 24)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 151, 24); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 151, 24);  
box-shadow:4px 4px 4px 4px rgb(255, 151,  
24) }
```

Background

The CSS property to change the background color of an element to YUV 167.6180, -70.8037, 76.6340 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 151, 24) }
```

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

```
.background{ background-color: rgb(255,  
151, 24) }
```

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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