

Converting Colors

YUV(168.3360, -73.1296,
76.0043)

Have a look what the booklet for
YUV(168.3360, -73.1296, 76.0043)
contains.

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Color

**YUV(168.3360, -73.1296,
76.0043)**

Conversions

Conversions Part 1

Format	Color
Hex	FF9914
RGB	255, 153, 20
RGB Percent	100%, 60%, 8%
CMY	0.0000, 0.4000, 0.9216
CMYK	0.00, 0.40, 0.92, 0.00
HSL	34°, 100%, 54%
HSV	34°, 92%, 100%
XYZ	52.7575, 44.0930, 6.3920
YIQ	168.3360, 103.4850, -19.7390

Conversions

Conversions Part 2

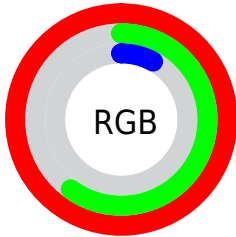
Format	Color
R_{YB}	200, 255, 20
Decimal	16750868
CIE _{Lab}	72.29, 30.35, 74.50
CIE _{LCh}	72, 80.441, 67.832
Yxy	44.0930, 0.5110, 0.4271
Android (android.graphics.Color)	4294940948 (0xFFFF9914)
YUV	168.3360, -73.1296, 76.0043
Hunter-Lab	66.4025, 25.6156, 40.7744

Details

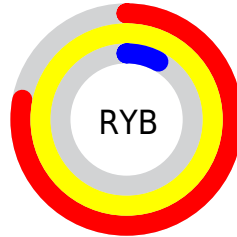
The YUV color **168.3360, -73.1296, 76.0043** is a dark color, and the websafe version is hex **FF9900**. The color can be described as middle washed orange. A complement of this color would be **106.6640, 73.1296, -76.0043**, and the grayscale version is **169.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **207.9170, -61.0911, 41.2918**, and **116.6950, -57.5306, 66.0425** is the 20% darker color. If you saturate the color by 10%, you get **160.7730, -79.2611, 82.6371**, and if you desaturate by 10%, it is **177.7570, -64.9562, 67.7421**.

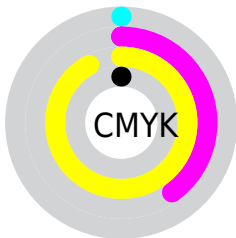
Distribution



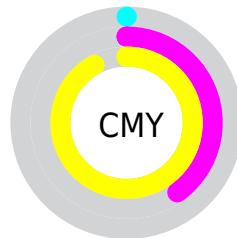
- Red (100%)
- Green (60%)
- Blue (8%)



- Red (78%)
- Yellow (100%)
- Blue (8%)



- Cyan (0%)
- Magenta (40%)
- Yellow (92%)
- Black (0%)





- Cyan (0%)
- Magenta (40%)
- Yellow (92%)

Brightness & Saturation Gradients


These gradients show how the YUV color 168.3360, -73.1296, 76.0043 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 168.3360, -73.1296, 76.0043 by changing the saturation by 10% instead.


 168.3360,
-73.1296, 76.0043

 168.3360,
-73.1296, 76.0043


255.0000, 0.0000,
0.0000


 141.2260,
-69.6244, 71.7158


 207.9170,
-61.0911, 41.2918

 116.6950,
-57.5306, 66.0425


 227.5450,
-56.9637, 24.0780

 93.3380, -46.0156,
59.3396


 241.8900,
-50.2318, 11.4975

 69.9810, -34.5006,
52.6367

 245.0820,
-38.0014, 8.6981

 46.9230, -23.1330,
46.5485

 248.3880,
-25.3343, 5.7987

 23.8760, -11.7709,
42.2047

 251.6940,

 14.0530, -6.9281,

-12.6671, 2.8994

28.8945

■ 0.0000, 0.0000,
0.0000

■ 168.3360,
-73.1296, 76.0043

■ 168.3360,
-73.1296, 76.0043

■ 160.7730,
-79.2611, 82.6371

■ 177.7570,
-64.9562, 67.7421

■ 187.0640,
-57.2196, 59.5799

■ 196.4850,
-49.0461, 51.3177

■ 205.7920,
-41.3095, 43.1554

■ 215.0990,
-33.5728, 34.9932

■ 224.5200,
-25.3994, 26.7310

■ 233.9410,
-17.2259, 18.4687

■ 243.8350, -9.7787,
9.7917

■ 253.2560, -1.6052,
1.5295

Harmonies

Analogous

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



157.0590, -32.5671, 85.8943



168.3360, -73.1296, 76.0043



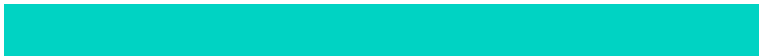
163.6660, -80.6873, 26.6029

Triad

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



168.3360, -73.1296, 76.0043



146.0870, 24.1141, -128.1183



177.2300, 38.3406, 22.6003

Complementary

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



168.3360, -73.1296, 76.0043



106.6640, 73.1296, -76.0043

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



168.3360, -73.1296, 76.0043



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.



168.3360, -73.1296, 76.0043



134.9610, -8.3618, -118.3608



146.4700, 53.5053, -128.4542



169.8390, 31.6314, 74.6862

Rectangle

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



168.3360, -73.1296, 76.0043



157.8290, -71.4007, -12.1280



146.4700, 53.5053, -128.4542



171.7270, 41.0536, -7.6536

Sweetspot

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



168.3360, -73.1296, 76.0043



228.7090, -22.0415, 23.0572



102.3490, 11.6599, 133.8749



111.8310, -13.7207, 14.1802



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.



168.3360, -73.1296, 76.0043



160.7730, -79.2611, 82.6371



224.6220, -100.8786, 16.1175



122.9960, -3.9420, 4.3885



120.5050, -59.4090, 61.8241



40.2680, -19.8521, 20.8130

Inverse Universe

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



106.6640, 73.1296, -76.0043



94.2270, 79.2611, -82.6371



50.3780, 100.8786, -16.1175



119.4170, 4.2314, -3.8737



70.4950, 59.4090, -61.8241



23.7320, 19.8521, -20.8130

Previews

White Background



This preview shows how the YUV color 168.3360, -73.1296, 76.0043 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 168.3360, -73.1296, 76.0043 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 168.3360, -73.1296, 76.0043

Background



This preview shows how black text looks on a background with the YUV color 168.3360, -73.1296, 76.0043.



This preview shows how white text looks on a background with the YUV color 168.3360, -73.1296, 76.0043.

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

168.3360, -73.1296, 76.0043

Protanopia

167.4780, -68.7627, 28.5218

Deuteranopia

165.8910, -81.7843, 51.8386



Tritanopia

179.6170, -12.1362, 66.1109

Trichromacy



Original Color

168.3360, -73.1296, 76.0043

Protanomaly

167.8330, -70.4167, 45.7505

Deuteranomaly

167.0430, -78.9012, 60.4753

Tritanomaly

175.7920, -34.4075, 69.4654

Monochromacy



Original Color

168.3360, -73.1296, 76.0043

Achromatopsia

168.0000, 0.0000, 0.0000

Achromatomaly

168.4770, -26.8572, 27.6457

CSS Examples

Text

The CSS property to change the color of the text to YUV 168.3360, -73.1296, 76.0043 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, 153, 20)` looks like.

```
.text, #text, p{  
    color:rgb(255, 153, 20)  
}
```

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, 153, 20) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 153, 20) }
```

Border

The CSS property to change the border of an element to YUV 168.3360, -73.1296, 76.0043 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, 153, 20) }
```


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

```
.border{ border-color:rgb(255, 153, 20) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 153, 20)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 153, 20); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 153, 20);  
box-shadow:4px 4px 4px 4px rgb(255, 153,  
20) }
```

Background

The CSS property to change the background color of an element to YUV 168.3360, -73.1296, 76.0043 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 153, 20) }
```

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

```
.background{ background-color: rgb(255,  
153, 20) }
```

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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