

Converting Colors

YUV(148.9670, -73.4407,
82.4669)

Have a look what the booklet for
YUV(148.9670, -73.4407, 82.4669)
contains.

YUV(148.9670, -73.4407, 82.4669)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(148.9670, -73.4407,
82.4669)**

Conversions

Conversions Part 1

Format	Color
Hex	F38200
RGB	243, 130, 0
RGB Percent	95%, 51%, 0%
CMY	0.0471, 0.4902, 1.0000
CMYK	0.00, 0.47, 1.00, 0.05
HSL	32°, 100%, 48%
HSV	32°, 100%, 95%
XYZ	44.9448, 35.0199, 4.3907
YIQ	148.9670, 109.0780, -16.4740

Conversions

Conversions Part 2

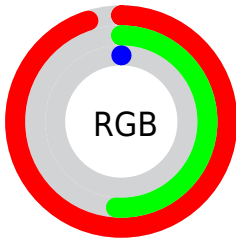
Format	Color
R_{YB}	211, 243, 0
Decimal	15958528
CIE _{Lab}	65.76, 37.11, 72.39
CIE _{LCh}	66, 81.345, 62.860
Yxy	35.0199, 0.5328, 0.4151
Android (android.graphics.Color)	4294148608 (0xFFFF38200)
YUV	148.9670, -73.4407, 82.4669
Hunter-Lab	59.1777, 32.0079, 37.0253

Details

The YUV color **148.9670, -73.4407, 82.4669** is a dark color, and the websafe version is hex **FF9900**. The color can be described as dark saturated orange. A complement of this color would be **94.0330, 73.4407, -82.4669**, and the grayscale version is **150.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **192.4610, -59.3873, 54.8467**, and **99.8940, -49.2477, 69.3760** is the 20% darker color. If you saturate the color by 10%, you get **148.9670, -73.4407, 82.4669**, and if you desaturate by 10%, it is **158.1600, -66.1409, 74.4047**.

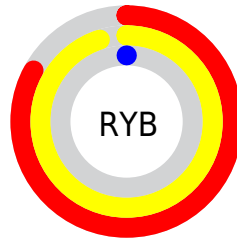
Distribution



Red (95%)

Green (51%)

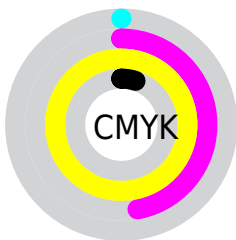
Blue (0%)



Red (83%)

Yellow (95%)

Blue (0%)

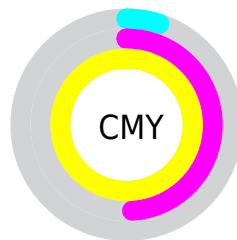


Cyan (0%)

Magenta (47%)

Yellow (100%)

Black (5%)



Cyan (5%)

Magenta (49%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 148.9670, -73.4407, 82.4669 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 148.9670, -73.4407, 82.4669 by changing the saturation by 10% instead.

148.9670,
-73.4407, 82.4669

148.9670,
-73.4407, 82.4669

255.0000, 0.0000,
0.0000

124.1370,
-61.1995, 76.1789

192.4610,
-59.3873, 54.8467

99.8940, -49.2477,
69.3760

212.0890,
-55.2599, 37.6329

75.9500, -37.4433,
63.1879

232.1900,
-51.8587, 20.0044

52.3050, -25.7864,
57.6145

243.6000,
-43.6798, 9.9978

26.3120, -12.9718,
54.1004

246.7920,
-31.4495, 7.1984


17.9400, -8.8444,
36.8866

250.0980,

9.9810, -4.4276,


-18.7823, 4.2991

20.1877


 253.4040, -6.1152,
1.3997


 0.0000, 0.0000,
0.0000


 148.9670,
-73.4407, 82.4669

 158.1600,
-66.1409, 74.4047

 168.0540,
-58.6936, 65.7276

 177.2470,
-51.3938, 57.6654

 186.4400,
-44.0939, 49.6031

 195.6330,
-36.7941, 41.5409

■ 205.5270,
-29.3468, 32.8638

■ 214.7200,
-22.0470, 24.8016

■ 223.9130,
-14.7471, 16.7393

■ 233.8070, -7.2999,
8.0623

Harmonies

Analogous

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



141.7000, -27.9531, 99.3641



148.9670, -73.4407, 82.4669



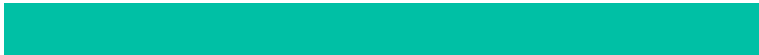
148.9470, -73.4309, 32.4955

Triad

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



148.9670, -73.4407, 82.4669



131.5140, 16.5086, -115.3378



158.8240, 47.4148, 5.4164

Complementary

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



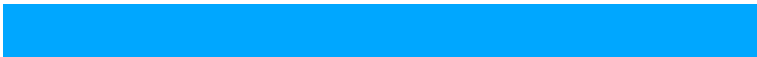
148.9670, -73.4407, 82.4669



94.0330, 73.4407, -82.4669

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.



127.0990, 63.0552, -111.4658



148.9670, -73.4407, 82.4669



139.1350, 48.2474, -122.0214

Square

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



148.9670, -73.4407, 82.4669



120.5020, -15.5305, -105.6803



137.0780, 58.1355, -120.2174



159.1540, 33.9411, 80.5489

Rectangle

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



148.9670, -73.4407, 82.4669



142.8130, -70.4068, -4.2210



137.0780, 58.1355, -120.2174



150.6300, 51.4544, -30.3705

Sweetspot

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



148.9670, -73.4407, 82.4669



225.2040, -22.7786, 26.1311



85.5390, 13.5383, 138.0933



109.8420, -13.7261, 15.9246



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.



148.9670, -73.4407, 82.4669



156.0770, -76.9460, 86.7555



212.9060, -104.9627, 19.3764



117.6970, -3.7946, 3.7737



114.3140, -56.3568, 62.8686



35.8380, -17.6681, 20.3131

Inverse Universe

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



94.0330, 73.4407, -82.4669



98.9230, 76.9460, -86.7555



30.0940, 104.9627, -19.3764



114.8900, 3.5052, -4.2885



72.2730, 56.0674, -63.3834



22.5750, 17.9575, -19.7983

Previews

White Background



This preview shows how the YUV color 148.9670, -73.4407, 82.4669 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 148.9670, -73.4407, 82.4669 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 148.9670, -73.4407, 82.4669

Background



This preview shows how black text looks on a background with the YUV color 148.9670, -73.4407, 82.4669.



This preview shows how white text looks on a background with the YUV color 148.9670, -73.4407, 82.4669.

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

148.9670, -73.4407, 82.4669

Protanopia

150.9060, -64.5367, 26.3924

Deuteranopia

149.6220, -73.7636, 45.9355



Tritanopia

159.5860, -15.0789, 76.6621

Trichromacy



Original Color

148.9670, -73.4407, 82.4669

Protanomaly

150.5280, -67.8013, 46.8949

Deuteranomaly

149.4110, -73.6596, 59.2756

Tritanomaly

155.6900, -36.3292, 79.2019

Monochromacy



Original Color

148.9670, -73.4407, 82.4669

Achromatopsia

149.0000, 0.0000, 0.0000

Achromatomaly

148.9010, -26.5732, 29.9048

CSS Examples

Text

The CSS property to change the color of the text to YUV 148.9670, -73.4407, 82.4669 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(243, 130, 0)` looks like.

```
.text, #text, p{  
    color:rgb(243, 130, 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(243, 130, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 130, 0) }
```

Border

The CSS property to change the border of an element to YUV 148.9670, -73.4407, 82.4669 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(243, 130, 0) }
```


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

```
.border{ border-color:rgb(243, 130, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 130, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 130, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 130, 0);  
box-shadow:4px 4px 4px 4px rgb(243, 130,  
0) }
```

Background

The CSS property to change the background color of an element to YUV 148.9670, -73.4407, 82.4669 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 130, 0) }
```

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

```
.background{ background-color: rgb(243,  
130, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor