

Converting Colors

YUV(153.9570, -74.9148,
88.6147)

Have a look what the booklet for
YUV(153.9570, -74.9148, 88.6147)
contains.

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Color

**YUV(153.9570, -74.9148,
88.6147)**

Conversions

Conversions Part 1

Format	Color
Hex	FF8402
RGB	255, 132, 2
RGB Percent	100%, 52%, 1%
CMY	0.0000, 0.4824, 0.9922
CMYK	0.00, 0.48, 0.99, 0.00
HSL	31°, 100%, 50%
HSV	31°, 99%, 100%
XYZ	49.5022, 37.7669, 4.7381
YIQ	153.9570, 115.0380, -14.3540

Conversions

Conversions Part 2

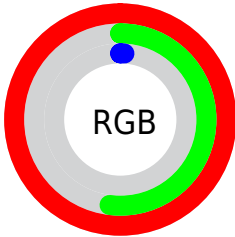
Format	Color
R _Y B	241, 255, 2
Decimal	16745474
CIE Lab	67.85, 40.87, 74.22
CIE LCh	68, 84.727, 61.161
Yxy	37.7669, 0.5380, 0.4105
Android (android.graphics.Color)	4294935554 (0xFFFF8402)
YUV	153.9570, -74.9148, 88.6147
Hunter-Lab	61.4548, 36.2370, 38.4471

Details

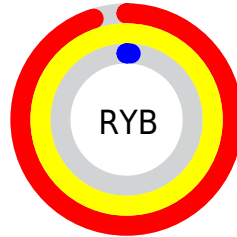
The YUV color **153.9570, -74.9148, 88.6147** is a dark color, and the websafe version is hex **FF9900**. The color can be described as dark saturated orange. A complement of this color would be **103.0430, 74.9148, -88.6147**, and the grayscale version is **155.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **193.8630, -59.0925, 53.6171**, and **104.0690, -51.3060, 76.2385** is the 20% darker color. If you saturate the color by 10%, you get **153.1420, -75.4990, 89.3295**, and if you desaturate by 10%, it is **163.8510, -67.4675, 79.9377**.

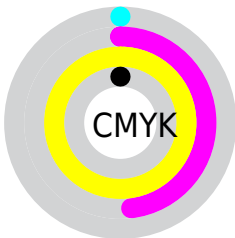
Distribution



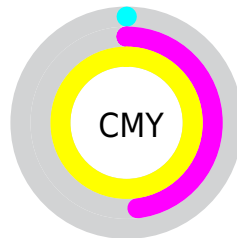
- Red (100%)
- Green (52%)
- Blue (1%)



- Red (95%)
- Yellow (100%)
- Blue (1%)



- Cyan (0%)
- Magenta (48%)
- Yellow (99%)
- Black (0%)



- Cyan (0%)
- Magenta (48%)
- Yellow (99%)

Brightness & Saturation Gradients

These gradients show how the YUV color 153.9570, -74.9148, 88.6147 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 153.9570, -74.9148, 88.6147 by changing the saturation by 10% instead.

153.9570,
-74.9148, 88.6147

153.9570,
-74.9148, 88.6147

255.0000, 0.0000,
0.0000

128.8990,
-63.5472, 82.5266

193.8630,
-59.0925, 53.6171

104.0690,
-51.3060, 76.2385

214.0780,
-55.2545, 35.8886

79.8260, -39.3542,
69.4356

233.5920,
-51.5639, 18.7748

54.7080, -26.9710,
64.2771

243.8280,
-42.8062, 9.7978

29.3020, -14.4459,
60.2481

247.1340,
-30.1391, 6.8985

20.6310, -10.1711,
42.4196

250.3260,

13.2700, -6.0491,

-17.9087, 4.0991

26.9502

253.7460, -4.8048,
1.0998

0.0000, 0.0000,
0.0000

153.9570,
-74.9148, 88.6147

153.9570,
-74.9148, 88.6147

153.1420,
-75.4990, 89.3295

163.8510,
-67.4675, 79.9377

174.4460,
-59.8729, 70.6459

184.4540,
-51.9888, 61.8688

194.9350,
-44.8310, 52.6770

204.9430,
-36.9469, 43.9000

■ 214.8370,
-29.4996, 35.2230

■ 225.3180,
-22.3418, 26.0311

■ 235.3260,
-14.4577, 17.2541

■ 245.9210, -6.8631,
7.9623

Harmonies

Analogous

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



141.7970, -25.0429, 99.2790



153.9570, -74.9148, 88.6147



154.2850, -76.0625, 36.5841

Triad

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



153.9570, -74.9148, 88.6147



135.7370, 14.9197, -119.0413



161.7480, 45.9732, 1.0980

Complementary

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



153.9570, -74.9148, 88.6147



103.0430, 74.9148, -88.6147

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.



131.2080, 61.0295, -115.0694



153.9570, -74.9148, 88.6147



144.5150, 48.5531, -126.7397

Square

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



153.9570, -74.9148, 88.6147



123.6820, -18.5772, -108.4691



141.7740, 55.8204, -124.3358



164.0660, 37.4355, 79.7491

Rectangle

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



153.9570, -74.9148, 88.6147



148.4390, -73.1804, -1.2620



141.7740, 55.8204, -124.3358



151.7490, 50.9027, -40.1219

Sweetspot

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



153.9570, -74.9148, 88.6147



224.6170, -22.4892, 26.6459



92.1250, 18.1794, 142.8414



109.2550, -13.4367, 16.4394



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.



153.9570, -74.9148, 88.6147



153.1420, -75.4990, 89.3295



226.1580, -110.5099, 25.2944



122.4090, -3.6526, 4.9033



114.6350, -56.5151, 66.9721



38.5070, -18.9840, 22.3574

Inverse Universe

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



103.0430, 74.9148, -88.6147



101.8580, 75.4990, -89.3295



30.8420, 110.5099, -25.2944



120.0040, 3.9420, -4.3885



76.3650, 56.5151, -66.9721



25.4930, 18.9840, -22.3574

Previews

White Background



This preview shows how the YUV color 153.9570, -74.9148, 88.6147 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 153.9570, -74.9148, 88.6147 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 153.9570, -74.9148, 88.6147

Background



This preview shows how black text looks on a background with the YUV color 153.9570, -74.9148, 88.6147.



This preview shows how white text looks on a background with the YUV color 153.9570, -74.9148, 88.6147.

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

153.9570, -74.9148, 88.6147

Protanopia

155.8630, -65.9945, 27.3071

Deuteranopia

154.6500, -76.2424, 47.6650



Tritanopia

165.3690, -15.9579, 78.6064

Trichromacy



Original Color

153.9570, -74.9148, 88.6147

Protanomaly

155.4960, -69.2645, 49.5540

Deuteranomaly

154.5640, -75.7071, 62.6494

Tritanomaly

161.0710, -37.5030, 82.3757

Monochromacy



Original Color

153.9570, -74.9148, 88.6147

Achromatopsia

154.0000, 0.0000, 0.0000

Achromatomaly

154.0970, -27.1628, 32.3639

CSS Examples

Text

The CSS property to change the color of the text to YUV 153.9570, -74.9148, 88.6147 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, 132, 2)` looks like.

```
.text, #text, p{  
    color:rgb(255, 132, 2)  
}
```

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, 132, 2) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 132, 2) }
```

Border

The CSS property to change the border of an element to YUV 153.9570, -74.9148, 88.6147 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, 132, 2) }
```


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

```
.border{ border-color:rgb(255, 132, 2) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 132, 2)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 132, 2); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 132, 2);  
box-shadow:4px 4px 4px 4px rgb(255, 132,  
2) }
```

Background

The CSS property to change the background color of an element to YUV 153.9570, -74.9148, 88.6147 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 132, 2) }
```

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

```
.background{ background-color: rgb(255,  
132, 2) }
```

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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