

Converting Colors

YUV(162.8590, -76.3455,
80.8077)

Have a look what the booklet for
YUV(162.8590, -76.3455, 80.8077)
contains.

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Color

**YUV(162.8590, -76.3455,
80.8077)**

Conversions

Conversions Part 1

Format	Color
Hex	FF9208
RGB	255, 146, 8
RGB Percent	100%, 57%, 3%
CMY	0.0000, 0.4275, 0.9686
CMYK	0.00, 0.43, 0.97, 0.00
HSL	34°, 100%, 52%
HSV	34°, 97%, 100%
XYZ	51.5627, 41.8353, 5.5871
YIQ	162.8590, 109.2620, -19.8100

Conversions

Conversions Part 2

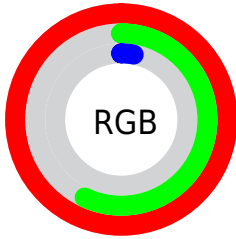
Format	Color
RYB	203, 255, 8
Decimal	16749064
CIELab	70.76, 33.84, 75.26
CIELCh	71, 82.518, 65.792
Yxy	41.8353, 0.5209, 0.4226
Android (android.graphics.Color)	4294939144 (0xFFFF9208)
YUV	162.8590, -76.3455, 80.8077
Hunter-Lab	64.6802, 29.1089, 40.1547

Details

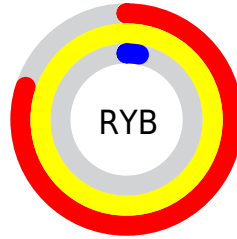
The YUV color **162.8590, -76.3455, 80.8077** is a dark color, and the websafe version is hex **FF9900**. The color can be described as middle saturated orange. A complement of this color would be **100.1410, 76.3455, -80.8077**, and the grayscale version is **164.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **203.2380, -61.2493, 45.3953**, and **112.2870, -55.3575, 69.0313** is the 20% darker color. If you saturate the color by 10%, you get **159.5990, -78.6823, 83.6667**, and if you desaturate by 10%, it is **172.1660, -68.6088, 72.6454**.

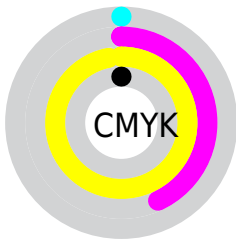
Distribution



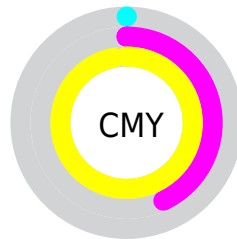
- Red (100%)
- Green (57%)
- Blue (3%)



- Red (80%)
- Yellow (100%)
- Blue (3%)



- Cyan (0%)
- Magenta (43%)
- Yellow (97%)
- Black (0%)



- Cyan (0%)
- Magenta (43%)
- Yellow (97%)

Brightness & Saturation Gradients

These gradients show how the YUV color 162.8590, -76.3455, 80.8077 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 162.8590, -76.3455, 80.8077 by changing the saturation by 10% instead.

162.8590,
-76.3455, 80.8077

162.8590,
-76.3455, 80.8077

255.0000, 0.0000,
0.0000

137.1170,
-67.5987, 75.3194

203.2380,
-61.2493, 45.3953

112.2870,
-55.3575, 69.0313

222.8660,
-57.1219, 28.1815

88.9300, -43.8425,
62.3284

241.2060,
-52.8526, 12.0973

64.9860, -32.0381,
56.1403

244.3980,
-40.6222, 9.2980

42.2270, -20.8179,
50.6669

247.7040,
-27.9551, 6.3986

21.2290, -10.4659,
43.6492

251.0100,

14.1670, -6.4913,

-15.2879, 3.4992

28.7945

254.3160, -2.6208,
0.5999

0.0000, 0.0000,
0.0000

162.8590,
-76.3455, 80.8077

162.8590,
-76.3455, 80.8077

159.5990,
-78.6823, 83.6667

172.1660,
-68.6088, 72.6454

182.1740,
-60.7248, 63.8684

191.5950,
-52.5513, 55.6062

200.9020,
-44.8147, 47.4439

210.3230,
-36.6412, 39.1817

■ 220.2170,
-29.1940, 30.5047

■ 229.6380,
-21.0205, 22.2425

■ 238.9450,
-13.2839, 14.0802

■ 248.3660, -5.1104,
5.8180

Harmonies

Analogous

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



151.5480, -30.8362, 90.7274



162.8590, -76.3455, 80.8077



160.7310, -79.2404, 29.1769

Triad

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



162.8590, -76.3455, 80.8077



142.7130, 21.3405, -125.1593



171.8810, 40.9777, 16.7674

Complementary

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



162.8590, -76.3455, 80.8077



100.1410, 76.3455, -80.8077

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.



133.5560, 59.8719, -117.1286



162.8590, -76.3455, 80.8077



149.9920, 51.7689, -131.5430

Square

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



162.8590, -76.3455, 80.8077



131.4730, -11.5722, -115.3018



144.7090, 54.3735, -126.9098



167.1320, 33.9519, 77.0602

Rectangle

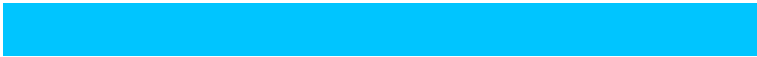
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



162.8590, -76.3455, 80.8077



153.4120, -75.6321, -8.2543



144.7090, 54.3735, -126.9098



165.7690, 43.9909, -16.4604

Sweetspot

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



162.8590, -76.3455, 80.8077



227.1930, -22.7731, 24.3867



94.5070, 12.0750, 140.7524



111.1300, -13.8681, 14.7950



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.



162.8590, -76.3455, 80.8077



159.5990, -78.6823, 83.6667



223.2540, -106.1202, 17.3172



122.9960, -3.9420, 4.3885



119.9180, -59.1196, 62.3389



40.2680, -19.8521, 20.8130

Inverse Universe

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



100.1410, 76.3455, -80.8077



95.4010, 78.6823, -83.6667



39.7460, 106.1202, -17.3172



119.4170, 4.2314, -3.8737



71.0820, 59.1196, -62.3389



23.7320, 19.8521, -20.8130

Previews

White Background



This preview shows how the YUV color 162.8590, -76.3455, 80.8077 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 162.8590, -76.3455, 80.8077 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 162.8590, -76.3455, 80.8077

Background



This preview shows how black text looks on a background with the YUV color 162.8590, -76.3455, 80.8077.



This preview shows how white text looks on a background with the YUV color 162.8590, -76.3455, 80.8077.

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

162.8590, -76.3455, 80.8077

Protanopia

163.2500, -69.6363, 28.7218

Deuteranopia

162.3360, -80.0316, 49.6943



Tritanopia

174.7100, -13.1680, 70.4143

Trichromacy



Original Color

162.8590, -76.3455, 80.8077

Protanomaly

163.0890, -72.0219, 47.2799

Deuteranomaly

162.4560, -78.6118, 60.9901

Tritanomaly

170.6570, -36.3129, 73.9688

Monochromacy



Original Color

162.8590, -76.3455, 80.8077

Achromatopsia

163.0000, 0.0000, 0.0000

Achromatomaly

162.9610, -27.5888, 28.9752

CSS Examples

Text

The CSS property to change the color of the text to YUV 162.8590, -76.3455, 80.8077 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, 146, 8)` looks like.

```
.text, #text, p{  
    color:rgb(255, 146, 8)  
}
```

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, 146, 8) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 146, 8) }
```

Border

The CSS property to change the border of an element to YUV 162.8590, -76.3455, 80.8077 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, 146, 8) }
```


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

```
.border{ border-color:rgb(255, 146, 8) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 146, 8)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 146, 8); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 146, 8);  
box-shadow:4px 4px 4px 4px rgb(255, 146,  
8) }
```

Background

The CSS property to change the background color of an element to YUV 162.8590, -76.3455, 80.8077 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 146, 8) }
```

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

```
.background{ background-color: rgb(255,  
146, 8) }
```

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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