

Converting Colors

YUV(164.5610, -81.1286,
74.9300)

Have a look what the booklet for
YUV(164.5610, -81.1286, 74.9300)
contains.

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Color

**YUV(164.5610, -81.1286,
74.9300)**

Conversions

Conversions Part 1

Format	Color
Hex	FA9900
RGB	250, 153, 0
RGB Percent	98%, 60%, 0%
CMY	0.0196, 0.4000, 1.0000
CMYK	0.00, 0.39, 1.00, 0.02
HSL	37°, 100%, 49%
HSV	37°, 100%, 98%
XYZ	50.8156, 43.1065, 5.6421
YIQ	164.5610, 106.9250, -27.0190

Conversions

Conversions Part 2

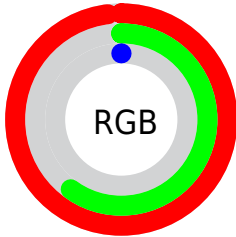
Format	Color
R_{YB}	158, 250, 0
Decimal	16423168
CIE _{Lab}	71.63, 28.11, 76.52
CIE _{LCh}	72, 81.517, 69.831
Yxy	43.1065, 0.5104, 0.4330
Android (android.graphics.Color)	4294613248 (0xFFFA9900)
YUV	164.5610, -81.1286, 74.9300
Hunter-Lab	65.6555, 23.2570, 40.8638

Details

The YUV color **164.5610, -81.1286, 74.9300** 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 **85.4390, 81.1286, -74.9300**, and the grayscale version is **165.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **207.1190, -64.1487, 41.9916**, and **115.7870, -57.0830, 62.4538** is the 20% darker color. If you saturate the color by 10%, you get **164.5610, -81.1286, 74.9300**, and if you desaturate by 10%, it is **173.2810, -73.1025, 67.2826**.

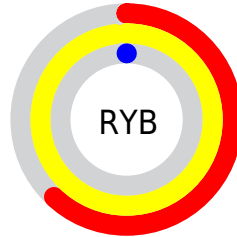
Distribution



Red (98%)

Green (60%)

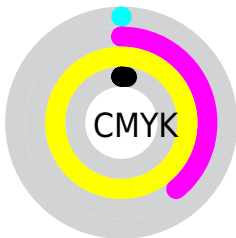
Blue (0%)



Red (62%)

Yellow (98%)

Blue (0%)

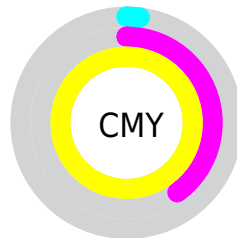


Cyan (0%)

Magenta (39%)

Yellow (100%)

Black (2%)



Cyan (2%)

Magenta (40%)

Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 164.5610, -81.1286, 74.9300 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 164.5610, -81.1286, 74.9300 by changing the saturation by 10% instead.

164.5610,
-81.1286, 74.9300

164.5610,
-81.1286, 74.9300

255.0000, 0.0000,
0.0000

139.7310,
-68.8874, 68.6419

207.1190,
-64.1487, 41.9916

115.7870,
-57.0830, 62.4538

226.7470,
-60.0213, 24.7779

91.8430, -45.2786,
56.2657

241.0920,
-53.2894, 12.1973

68.7850, -33.9110,
50.1776

244.2840,
-41.0590, 9.3979

46.3140, -22.8328,
43.5746

247.5900,
-28.3919, 6.4986


23.8540, -11.7600,
38.7160


250.8960,


13.1560, -6.4859,


-15.7247, 3.5992


27.0502


 254.3160, -2.6208,
0.5999

 0.0000, 0.0000,
0.0000

 164.5610,
-81.1286, 74.9300

 173.2810,
-73.1025, 67.2826

 181.4140,
-64.7871, 60.1499

 190.1340,
-56.7611, 52.5025

 198.8540,
-48.7350, 44.8550

 207.5740,
-40.7090, 37.2076

■ 215.7070,
-32.3936, 30.0750

■ 224.4270,
-24.3675, 22.4275

■ 233.1470,
-16.3415, 14.7801

■ 241.2800, -8.0260,
7.6474

Harmonies

Analogous

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



155.5600, -35.7721, 87.2089



164.5610, -81.1286, 74.9300



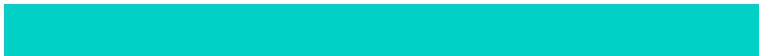
161.5730, -79.6555, 22.2995

Triad

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



164.5610, -81.1286, 74.9300



145.3690, 26.4401, -127.4886



175.7900, 39.0505, 28.2482

Complementary

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



164.5610, -81.1286, 74.9300



85.4390, 81.1286, -74.9300

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.



132.3820, 60.4507, -116.0990



164.5610, -81.1286, 74.9300



150.5790, 51.4796, -132.0578

Square

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



164.5610, -81.1286, 74.9300



134.7160, -6.7620, -118.1459



144.7090, 54.3735, -126.9098



165.6330, 30.7469, 78.3749

Rectangle

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



164.5610, -81.1286, 74.9300



154.5080, -71.2424, -16.2315



144.7090, 54.3735, -126.9098



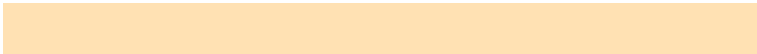
171.4720, 41.1793, -1.2909

Sweetspot

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



164.5610, -81.1286, 74.9300



228.7260, -24.5149, 23.0423



86.1500, 6.8280, 143.6964



112.1900, -14.8837, 13.8654



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.



164.5610, -81.1286, 74.9300



167.8170, -82.7338, 76.4595



214.0250, -105.5143, 9.6251



120.5830, -4.2314, 3.8737



124.0160, -61.1399, 56.9910



39.9580, -19.6993, 18.4538

Inverse Universe

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



85.4390, 81.1286, -74.9300



87.1830, 82.7338, -76.4595



35.9750, 105.5143, -9.6251



116.4170, 4.2314, -3.8737



64.3970, 61.4293, -56.4762



21.0420, 19.6993, -18.4538

Previews

White Background



This preview shows how the YUV color 164.5610, -81.1286, 74.9300 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 164.5610, -81.1286, 74.9300 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 164.5610, -81.1286, 74.9300

Background



This preview shows how black text looks on a background with the YUV color 164.5610, -81.1286, 74.9300.



This preview shows how white text looks on a background with the YUV color 164.5610, -81.1286, 74.9300.

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



Protanopia

164.6800, -71.8202, 29.2216

Deuteranopia

164.4070, -81.0527, 50.5091

Tritanopia

177.6280, -12.1416, 67.8552

Trichromacy



Protanomaly

164.8670, -75.3634, 45.7206

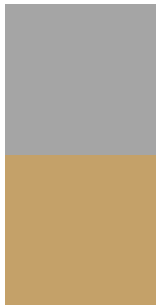
Deuteranomaly

164.4620, -81.0798, 59.2308

Tritanomaly

172.9940, -37.4650, 70.1653

Monochromacy



Achromatopsia

165.0000, 0.0000, 0.0000

Achromatomaly

165.0810, -29.6199, 27.1160

CSS Examples

Text

The CSS property to change the color of the text to YUV 164.5610, -81.1286, 74.9300 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(250, 153, 0)` looks like.

```
.text, #text, p{  
    color:rgb(250, 153, 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(250, 153, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 153, 0) }
```

Border

The CSS property to change the border of an element to YUV 164.5610, -81.1286, 74.9300 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(250, 153, 0) }
```

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

```
.border{ border-color:rgb(250, 153, 0) }
```

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

Here you see how a box with a 4 pixel rgb(250, 153, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 153, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 153, 0);  
box-shadow:4px 4px 4px 4px rgb(250, 153,  
0) }
```


Background

The CSS property to change the background color of an element to YUV 164.5610, -81.1286, 74.9300 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 153, 0) }
```

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

```
.background{ background-color: rgb(250,  
153, 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](#).

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