

Converting Colors

YUV(158.4250, -78.1035,
84.6963)

Have a look what the booklet for
YUV(158.4250, -78.1035, 84.6963)
contains.

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Color

**YUV(158.4250, -78.1035,
84.6963)**

Conversions

Conversions Part 1

Format	Color
Hex	FF8C00
RGB	255, 140, 0
RGB Percent	100%, 55%, 0%
CMY	0.0000, 0.4510, 1.0000
CMYK	0.00, 0.45, 1.00, 0.00
HSL	33°, 100%, 50%
HSV	33°, 100%, 100%
XYZ	50.6181, 40.0162, 5.0560
YIQ	158.4250, 113.4800, -19.1600

Conversions

Conversions Part 2

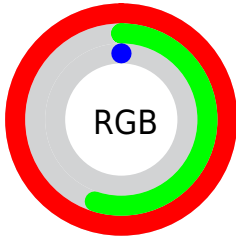
Format	Color
R_{YB}	209, 255, 0
Decimal	16747520
CIE _{Lab}	69.48, 36.83, 75.49
CIE _{LCh}	69, 84.000, 63.994
Yxy	40.0162, 0.5290, 0.4182
Android (android.graphics.Color)	4294937600 (0xFFFF8C00)
YUV	158.4250, -78.1035, 84.6963
Hunter-Lab	63.2583, 32.1301, 39.5420

Details

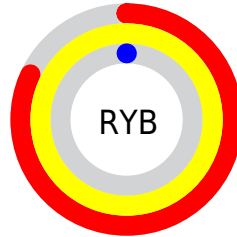
The YUV color **158.4250, -78.1035, 84.6963** is a dark color, and the websafe version is hex **FF9900**, and the color name is **darkorange**. The color can be described as dark saturated orange. A complement of this color would be **96.5750, 78.1035, -84.6963**, and the grayscale version is **159.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **198.6730, -60.9708, 49.3988**, and **108.7650, -53.6211, 72.1201** is the 20% darker color. If you saturate the color by 10%, you get **158.4250, -78.1035, 84.6963**, and if you desaturate by 10%, it is **168.3190, -70.6563, 76.0192**.

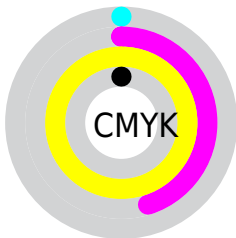
Distribution



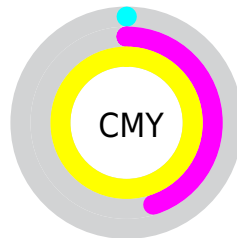
- Red (100%)
- Green (55%)
- Blue (0%)



- Red (82%)
- Yellow (100%)
- Blue (0%)



- Cyan (0%)
- Magenta (45%)
- Yellow (100%)
- Black (0%)



- Cyan (0%)
- Magenta (45%)
- Yellow (100%)

Brightness & Saturation Gradients

These gradients show how the YUV color 158.4250, -78.1035, 84.6963 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 158.4250, -78.1035, 84.6963 by changing the saturation by 10% instead.

158.4250,
-78.1035, 84.6963

158.4250,
-78.1035, 84.6963

255.0000, 0.0000,
0.0000

133.5950,
-65.8623, 78.4082

198.6730,
-60.9708, 49.3988

108.7650,
-53.6211, 72.1201

218.8880,
-57.1328, 31.6702

84.8210, -41.8168,
65.9320

239.1030,
-53.2948, 13.9417

61.4640, -30.3018,
59.2291

244.0560,
-41.9326, 9.5979

36.0580, -17.7766,
55.2001

247.2480,
-29.7023, 6.7985

20.9300, -10.3185,
43.0344


250.5540,

13.9820, -5.9071,


-17.0351, 3.8991

28.0798

 253.8600, -4.3680,
0.9998


 0.0000, 0.0000,
0.0000


 158.4250,
-78.1035, 84.6963

 168.3190,
-70.6563, 76.0192

 177.7400,
-62.4828, 67.7570

 187.7480,
-54.5988, 58.9800

 197.0550,
-46.8621, 50.8178

 207.0630,
-38.9781, 42.0407

■ 216.3700,
-31.2414, 33.8785

■ 226.3780,
-23.3574, 25.1015

■ 235.6850,
-15.6207, 16.9393

■ 245.6930, -7.7366,
8.1622

Harmonies

Analogous

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



146.8520, -28.5210, 94.8458



158.4250, -78.1035, 84.6963



157.7960, -77.7934, 31.7509

Triad

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



158.4250, -78.1035, 84.6963



140.0400, 18.7143, -122.8151



167.4180, 43.1779, 11.0344

Complementary

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



158.4250, -78.1035, 84.6963



96.5750, 78.1035, -84.6963

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



158.4250, -78.1035, 84.6963



148.0030, 51.7635, -129.7986

Square

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



158.4250, -78.1035, 84.6963



127.9850, -14.7826, -112.2428



143.5350, 54.9522, -125.8802



165.0120, 35.9831, 78.9195

Rectangle

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



158.4250, -78.1035, 84.6963



151.3630, -74.6220, -5.5804



143.5350, 54.9522, -125.8802



160.1100, 46.7808, -24.6525

Sweetspot

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



158.4250, -78.1035, 84.6963



226.3780, -23.3574, 25.1015



89.8110, 14.3902, 144.8708



110.4290, -14.0155, 15.4098



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.



158.4250, -78.1035, 84.6963



223.5380, -110.2042, 20.5762



122.9960, -3.9420, 4.3885



118.7440, -58.5408, 63.3685



39.6810, -19.5627, 21.3278

Inverse Universe

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



96.5750, 78.1035, -84.6963



31.4620, 110.2042, -20.5762



120.0040, 3.9420, -4.3885



72.2560, 58.5408, -63.3685



24.3190, 19.5627, -21.3278

Previews

White Background



This preview shows how the YUV color 158.4250, -78.1035, 84.6963 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 158.4250, -78.1035, 84.6963 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 158.4250, -78.1035, 84.6963

Background



This preview shows how black text looks on a background with the YUV color 158.4250, -78.1035, 84.6963.



This preview shows how white text looks on a background with the YUV color 158.4250, -78.1035, 84.6963.

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

158.4250, -78.1035, 84.6963

Protanopia

160.1790, -68.6152, 27.9070

Deuteranopia

158.7920, -78.2845, 49.2944



Tritanopia

170.5040, -14.0525, 74.1030

Trichromacy



Original Color

158.4250, -78.1035, 84.6963

Protanomaly

159.6870, -72.3167, 48.5095

Deuteranomaly

158.5810, -78.1804, 62.6345

Tritanomaly

166.3370, -37.6341, 77.7575

Monochromacy



Original Color

158.4250, -78.1035, 84.6963

Achromatopsia

158.0000, 0.0000, 0.0000

Achromatomaly

157.8580, -28.0310, 30.8195

CSS Examples

Text

The CSS property to change the color of the text to YUV 158.4250, -78.1035, 84.6963 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, 140, 0)` looks like.

```
.text, #text, p{  
    color:rgb(255, 140, 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(255, 140, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 140, 0) }
```

Border

The CSS property to change the border of an element to YUV 158.4250, -78.1035, 84.6963 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, 140, 0) }
```

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

```
.border{ border-color:rgb(255, 140, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 140, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 140, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 140, 0);  
box-shadow:4px 4px 4px 4px rgb(255, 140,  
0) }
```

Background

The CSS property to change the background color of an element to YUV 158.4250, -78.1035, 84.6963 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 140, 0) }
```

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

```
.background{ background-color: rgb(255,  
140, 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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