

Converting Colors

YUV(160.4300, -62.3300,
65.3979)

Have a look what the booklet for
YUV(160.4300, -62.3300, 65.3979)
contains.

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Color

**YUV(160.4300, -62.3300,
65.3979)**

Conversions

Conversions Part 1

Format	Color
Hex	EB9322
RGB	235, 147, 34
RGB Percent	92%, 58%, 13%
CMY	0.0784, 0.4235, 0.8667
CMYK	0.00, 0.37, 0.86, 0.08
HSL	34°, 83%, 53%
HSV	34°, 86%, 92%
XYZ	44.9834, 38.6451, 6.6017
YIQ	160.4300, 88.7210, -16.4870

Conversions

Conversions Part 2

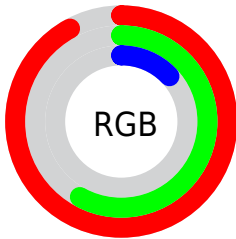
Format	Color
RYB	191, 235, 34
Decimal	15438626
CIELab	68.49, 25.45, 67.11
CIELCh	68, 71.773, 69.228
Yxy	38.6451, 0.4985, 0.4283
Android (android.graphics.Color)	4293628706 (0xFFEB9322)
YUV	160.4300, -62.3300, 65.3979
Hunter-Lab	62.1652, 20.3755, 37.2192

Details

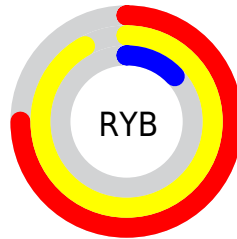
The YUV color **160.4300, -62.3300, 65.3979** is a dark color, and the websafe version is hex **FF9933**. The color can be described as middle washed orange. A complement of this color would be **108.5700, 62.3300, -65.3979**, and the grayscale version is **161.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **204.6060, -56.0078, 44.1955**, and **108.0790, -53.2829, 56.9357** is the 20% darker color. If you saturate the color by 10%, you get **151.8240, -69.9192, 72.9454**, and if you desaturate by 10%, it is **168.9220, -55.1775, 57.9504**.

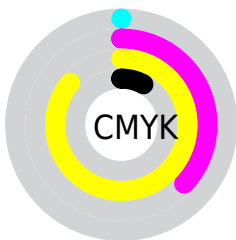
Distribution



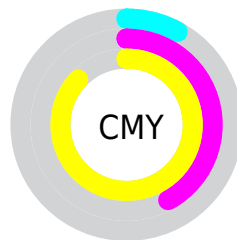
- Red (92%)
- Green (58%)
- Blue (13%)



- Red (75%)
- Yellow (92%)
- Blue (13%)



- Cyan (0%)
- Magenta (37%)
- Yellow (86%)
- Black (8%)





- Cyan (8%)
- Magenta (42%)
- Yellow (87%)

Brightness & Saturation Gradients


These gradients show how the YUV color 160.4300, -62.3300, 65.3979 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 160.4300, -62.3300, 65.3979 by changing the saturation by 10% instead.

 160.4300,
-62.3300, 65.3979


 160.4300,
-62.3300, 65.3979


255.0000, 0.0000,
0.0000


 132.0230,
-65.0873, 63.1238


 204.6060,
-56.0078, 44.1955

 108.0790,
-53.2829, 56.9357


 224.1200,
-52.3172, 27.0818

 85.0210, -41.9154,
50.8476


 242.4600,
-48.0478, 10.9976

 62.5500, -30.8371,
44.2447

 245.6520,
-35.8174, 8.1982

 40.3780, -19.9064,
38.2565

 248.9580,
-23.1503, 5.2988

 19.3910, -9.5598,
32.9831

 252.2640,

 9.9810, -4.4276,

-10.4832, 2.3995

20.1877

■ 0.0000, 0.0000,
0.0000

■ 160.4300,
-62.3300, 65.3979

■ 160.4300,
-62.3300, 65.3979

■ 151.8240,
-69.9192, 72.9454

■ 168.9220,
-55.1775, 57.9504

■ 147.7490,
-72.8403, 76.5191

■ 178.1150,
-47.8777, 49.8881

■ 186.6070,
-40.7253, 42.4407

■ 195.2130,
-33.1360, 34.8932

■ 203.8190,
-25.5468, 27.3457

■ 212.8980,
-18.6837, 19.3835

■ 221.3900,
-11.5313, 11.9360

■ 229.9960, -3.9420,
4.3885

■ 239.0750, 2.9210,
-3.5738

Harmonies

Analogous

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



156.1300, -33.5881, 86.7090



160.4300, -62.3300, 65.3979



153.6100, -75.7297, 23.1440

Triad

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



160.4300, -62.3300, 65.3979



136.8430, 24.2344, -120.0113



170.1420, 41.8350, 21.8005

Complementary

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



160.4300, -62.3300, 65.3979



108.5700, 62.3300, -65.3979

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.



140.5430, 56.4273, -85.5452



160.4300, -62.3300, 65.3979



142.7370, 51.8947, -125.1803

Square

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



160.4300, -62.3300, 65.3979



127.3300, -4.5997, -111.6684



138.2520, 57.5568, -121.2470



166.4990, 23.9110, 77.6154

Rectangle

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



160.4300, -62.3300, 65.3979



151.7160, -56.5550, -13.7829



138.2520, 57.5568, -121.2470



165.5580, 44.0949, -3.1204

Sweetspot

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



160.4300, -62.3300, 65.3979



230.4530, -20.4363, 21.5277



104.3590, 9.6830, 114.5722



112.8740, -12.2629, 13.2655



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.



160.4300, -62.3300, 65.3979



160.1860, -78.9717, 83.1519



209.0960, -86.3223, 13.9478



112.8110, -3.3578, 3.6738



113.9930, -56.1985, 58.7651



33.7560, -16.6417, 17.7540

Inverse Universe

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



108.5700, 62.3300, -65.3979



94.8140, 78.9717, -83.1519



59.9040, 86.3223, -13.9478



110.1890, 3.3578, -3.6738



67.0070, 56.1985, -58.7651



19.6570, 16.9311, -17.2392

Previews

White Background



This preview shows how the YUV color 160.4300, -62.3300, 65.3979 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 160.4300, -62.3300, 65.3979 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 160.4300, -62.3300, 65.3979

Background



This preview shows how black text looks on a background with the YUV color 160.4300, -62.3300, 65.3979.



This preview shows how white text looks on a background with the YUV color 160.4300, -62.3300, 65.3979.

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

160.4300, -62.3300, 65.3979

Protanopia

159.2740, -59.2951, 25.1927

Deuteranopia

159.5000, -65.3225, 45.1655



Tritanopia

169.2360, -10.9623, 62.9370

Trichromacy



Original Color

160.4300, -62.3300, 65.3979

Protanomaly

159.4330, -60.3595, 39.9623

Deuteranomaly

160.1850, -64.1812, 52.4578

Tritanomaly

166.3120, -29.7338, 63.7474

Monochromacy



Original Color

160.4300, -62.3300, 65.3979

Achromatopsia

160.0000, 0.0000, 0.0000

Achromatomaly

159.8940, -22.6257, 23.7720

CSS Examples

Text

The CSS property to change the color of the text to YUV 160.4300, -62.3300, 65.3979 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(235, 147, 34)` looks like.

```
.text, #text, p{  
    color:rgb(235, 147, 34)  
}
```

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(235, 147, 34) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(235, 147, 34) }
```

Border

The CSS property to change the border of an element to YUV 160.4300, -62.3300, 65.3979 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(235, 147, 34) }
```


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

```
.border{ border-color:rgb(235, 147, 34) }
```

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

Here you see how a box with a 4 pixel `rgb(235, 147, 34)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(235, 147, 34); -webkit-box-  
shadow:4px 4px 4px 4px rgb(235, 147, 34);  
box-shadow:4px 4px 4px 4px rgb(235, 147,  
34) }
```

Background

The CSS property to change the background color of an element to YUV 160.4300, -62.3300, 65.3979 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(235, 147, 34) }
```

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

```
.background{ background-color: rgb(235,  
147, 34) }
```

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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