

Converting Colors

YUV(162.2500, -55.8323,
81.3418)

Have a look what the booklet for
YUV(162.2500, -55.8323, 81.3418)
contains.

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Color

**YUV(162.2500, -55.8323,
81.3418)**

Conversions

Conversions Part 1

Format	Color
Hex	FF8931
RGB	255, 137, 49
RGB Percent	100%, 54%, 19%
CMY	0.0000, 0.4627, 0.8078
CMYK	0.00, 0.46, 0.81, 0.00
HSL	26°, 100%, 60%
HSV	26°, 81%, 100%
XYZ	50.7400, 39.3731, 7.8312
YIQ	162.2500, 98.5760, -2.3520

Conversions

Conversions Part 2

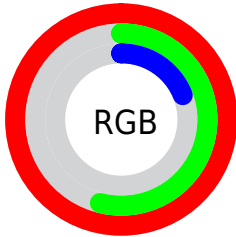
Format	Color
R _Y B	255, 203, 49
Decimal	16746801
CIE Lab	69.02, 39.14, 63.41
CIE LCh	69, 74.520, 58.316
Yxy	39.3731, 0.5180, 0.4020
Android (android.graphics.Color)	4294936881 (0xFFFF8931)
YUV	162.2500, -55.8323, 81.3418
Hunter-Lab	62.7480, 34.5319, 36.5239

Details

The YUV color **162.2500, -55.8323, 81.3418** 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 **141.7500, 55.8323, -81.3418**, and the grayscale version is **163.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **200.5770, -48.5985, 47.7290**, and **107.3030, -52.9004, 74.2793** is the 20% darker color. If you saturate the color by 10%, you get **150.5950, -62.4113, 91.5632**, and if you desaturate by 10%, it is **174.0190, -48.8164, 71.0203**.

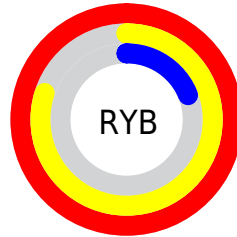
Distribution



Red (100%)

Green (54%)

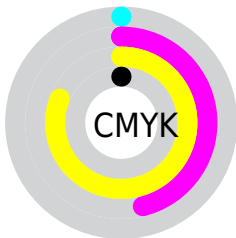
Blue (19%)



Red (100%)

Yellow (80%)

Blue (19%)

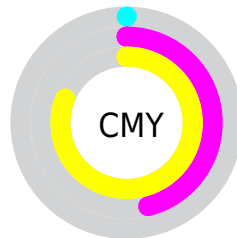


Cyan (0%)

Magenta (46%)

Yellow (81%)

Black (0%)



Cyan (0%)

Magenta (46%)

Yellow (81%)

Brightness & Saturation Gradients

These gradients show how the YUV color 162.2500, -55.8323, 81.3418 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 162.2500, -55.8323, 81.3418 by changing the saturation by 10% instead.

162.2500,
-55.8323, 81.3418

162.2500,
-55.8323, 81.3418

255.0000, 0.0000,
0.0000

133.8860,
-57.1318, 78.1530

200.5770,
-48.5985, 47.7290

107.3030,
-52.9004, 74.2793

220.0910,
-44.9079, 30.6152

83.3590, -41.0960,
68.0912

240.1920,
-41.5067, 12.9866

58.8280, -29.0022,
62.4178

246.9060,
-31.0127, 7.0984

31.6610, -15.6089,
59.9333

250.0980,
-18.7823, 4.2991

21.2290, -10.4659,
43.6492

253.4040, -6.1152,

13.9820, -5.9071,

1.3997

28.0798

■ 0.0000, 0.0000,
0.0000

■ 162.2500,
-55.8323, 81.3418

■ 162.2500,
-55.8323, 81.3418

■ 150.5950,
-62.4113, 91.5632

■ 174.0190,
-48.8164, 71.0203

■ 140.2280,
-69.1324, 100.6550

■ 185.0870,
-41.9479, 61.3137

■ 196.8560,
-34.9320, 50.9923

■ 207.9240,
-28.0635, 41.2857

■ 219.6930,
-21.0476, 30.9642

231.3480,
-14.4686, 20.7428

242.5300, -7.1633,
10.9362

254.1850, -0.5842,
0.7148

255.0000, 0.0000,
0.0000

Harmonies

Analogous

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



152.6540, -21.5214, 89.7574



162.2500, -55.8323, 81.3418



157.2640, -77.5312, 40.9875

Triad

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



162.2500, -55.8323, 81.3418



135.2810, 13.1725, -118.6414



165.8350, 43.9583, -5.9943

Complementary

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



162.2500, -55.8323, 81.3418



141.7500, 55.8323, -81.3418

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



162.2500, -55.8323, 81.3418



143.1470, 43.3115, -125.5399

Square

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



162.2500, -55.8323, 81.3418



124.4800, -15.5196, -109.1690



142.3610, 55.5310, -124.8506



171.3540, 33.8425, 65.4645

Rectangle

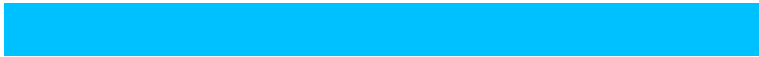
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



162.2500, -55.8323, 81.3418



152.9240, -75.3915, 7.9597



142.3610, 55.5310, -124.8506



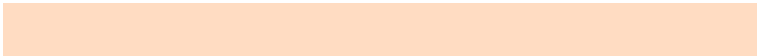
157.3530, 48.1400, -40.6516

Sweetspot

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



162.2500, -55.8323, 81.3418



227.5010, -16.5160, 24.1166



124.2740, 22.0499, 114.6467



110.8680, -9.7949, 15.0248



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.



162.2500, -55.8323, 81.3418



143.4880, -66.7956, 97.7960



221.5370, -85.0607, 29.3471



121.8220, -3.3632, 5.4181



105.2430, -51.8848, 75.2089



34.9850, -17.2476, 25.4462

Inverse Universe

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



141.7500, 55.8323, -81.3418



118.9250, 67.0850, -97.2812



82.4630, 85.0607, -29.3471



120.5910, 3.6526, -4.9033



86.3440, 51.5954, -75.7237



29.0150, 17.2476, -25.4462

Previews

White Background



This preview shows how the YUV color 162.2500, -55.8323, 81.3418 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 162.2500, -55.8323, 81.3418 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 162.2500, -55.8323, 81.3418

Background



This preview shows how black text looks on a background with the YUV color 162.2500, -55.8323, 81.3418.



This preview shows how white text looks on a background with the YUV color 162.2500, -55.8323, 81.3418.

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

162.2500, -55.8323, 81.3418

Protanopia

162.2120, -51.8695, 23.4931

Deuteranopia

161.8680, -60.0809, 43.9658



Tritanopia

168.9880, -14.7841, 75.4325

Trichromacy



Original Color

162.2500, -55.8323, 81.3418

Protanomaly

162.0020, -53.2450, 44.7252

Deuteranomaly

162.2980, -58.8139, 57.6207

Tritanomaly

166.4000, -29.7772, 77.7022

Monochromacy



Original Color

162.2500, -55.8323, 81.3418

Achromatopsia

162.0000, 0.0000, 0.0000

Achromatomaly

162.2090, -20.3160, 29.6347

CSS Examples

Text

The CSS property to change the color of the text to YUV 162.2500, -55.8323, 81.3418 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, 137, 49)` looks like.

```
.text, #text, p{  
    color:rgb(255, 137, 49)  
}
```

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, 137, 49) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 137, 49) }
```

Border

The CSS property to change the border of an element to YUV 162.2500, -55.8323, 81.3418 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, 137, 49) }
```


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

```
.border{ border-color:rgb(255, 137, 49) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 137, 49)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 137, 49); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 137, 49);  
box-shadow:4px 4px 4px 4px rgb(255, 137,  
49) }
```

Background

The CSS property to change the background color of an element to YUV 162.2500, -55.8323, 81.3418 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 137, 49) }
```

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

```
.background{ background-color: rgb(255,  
137, 49) }
```

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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