

# Converting Colors

YUV(139.1860, -38.5457,  
90.1679)

Have a look what the booklet for  
YUV(139.1860, -38.5457, 90.1679)  
contains.

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# Color

**YUV(139.1860, -38.5457,  
90.1679)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	F2663D
RGB	242, 102, 61
RGB Percent	95%, 40%, 24%
CMY	0.0510, 0.6000, 0.7608
CMYK	0.00, 0.58, 0.75, 0.05
HSL	14°, 87%, 59%
HSV	14°, 75%, 95%
XYZ	42.2116, 28.7169, 7.7330
YIQ	139.1860, 96.6010, 16.9290

# Conversions

## Conversions Part 2

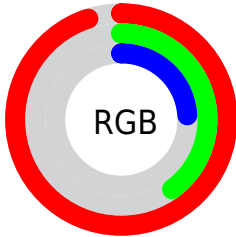
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	242, 114, 61
Decimal	15885885
CIE <sub>Lab</sub>	60.53, 51.60, 49.13
CIE <sub>LCh</sub>	61, 71.246, 43.592
Yxy	28.7169, 0.5366, 0.3651
Android (android.graphics.Color)	4294075965 (0xFFFF2663D)
YUV	139.1860, -38.5457, 90.1679
Hunter-Lab	53.5882, 46.8259, 28.9559

# Details

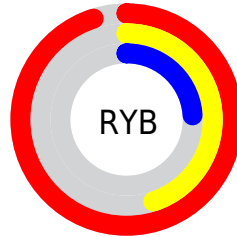
The YUV color **139.1860, -38.5457, 90.1679** is a dark color, and the websafe version is hex **FF6633**. The color can be described as middle washed orange. A complement of this color would be **163.8140, 38.5457, -90.1679**, and the grayscale version is **139.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **181.0580, -34.5386, 64.8471**, and **82.4780, -34.7457, 84.6498** is the 20% darker color. If you saturate the color by 10%, you get **125.2970, -43.5304, 102.3485**, and if you desaturate by 10%, it is **153.0750, -33.5610, 77.9872**.

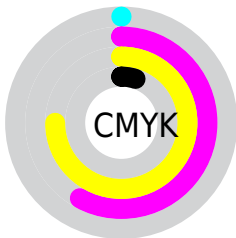
# Distribution



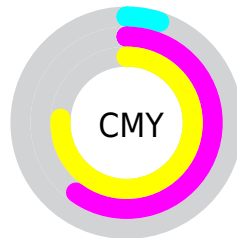
- Red (95%)
- Green (40%)
- Blue (24%)



- Red (95%)
- Yellow (45%)
- Blue (24%)



- Cyan (0%)
- Magenta (58%)
- Yellow (75%)
- Black (5%)



- Cyan (5%)
- Magenta (60%)
- Yellow (76%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 139.1860, -38.5457, 90.1679 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 139.1860, -38.5457, 90.1679 by changing the saturation by 10% instead.



139.1860,  
-38.5457, 90.1679

139.1860,  
-38.5457, 90.1679

255.0000, 0.0000,  
0.0000

111.0330,  
-36.4983, 86.7941

181.0580,  
-34.5386, 64.8471

82.4780, -34.7457,  
84.6498

200.4580,  
-31.2848, 47.8333

50.1220, -24.7101,  
85.8390

220.4450,  
-28.3204, 30.3047

34.9830, -17.2466,  
71.9289

240.6600,  
-24.4824, 12.5762

26.0130, -12.8244,  
53.4856

250.8960,  
-15.7247, 3.5992

18.1680, -7.9708,  
36.6867

254.2020, -3.0576,

6.8770, -3.3904,

0.6998

14.1399

■ 0.0000, 0.0000,  
0.0000

■ 139.1860,  
-38.5457, 90.1679

■ 139.1860,  
-38.5457, 90.1679

■ 125.2970,  
-43.5304, 102.3485

■ 153.0750,  
-33.5610, 77.9872

■ 111.9950,  
-48.8045, 114.0144

■ 166.3770,  
-28.2869, 66.3214

■ 104.6430,  
-51.5890, 120.4621

■ 180.3800,  
-22.8653, 54.0407

■ 194.2690,  
-17.8806, 41.8601

■ 208.1580,  
-12.8959, 29.6794

■ 221.4600, -7.6218,  
18.0136

■ 235.3490, -2.6371,  
5.8329

■ 249.3520, 2.7845,  
-6.4477

■ 251.1130, 1.9163,  
-7.9921

# Harmonies

## Analogous

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



136.2980, -8.0349, 104.1017



139.1860, -38.5457, 90.1679



137.0070, -67.5445, 57.8759

# Triad

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



139.1860, -38.5457, 90.1679



113.2760, -2.6011, -99.3431



128.5480, 62.3408, -68.8866

# Complementary

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



139.1860, -38.5457, 90.1679



163.8140, 38.5457, -90.1679

# 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.



124.7510, 64.2128, -109.4066



139.1860, -38.5457, 90.1679



122.5610, 25.3594, -107.4860

# Square

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



139.1860, -38.5457, 90.1679



123.9970, -39.4385, -43.8474



127.4120, 51.5619, -111.7403



149.6530, 43.5551, 30.1223



# Rectangle

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



139.1860, -38.5457, 90.1679



135.9340, -67.0155, 28.1219



127.4120, 51.5619, -111.7403



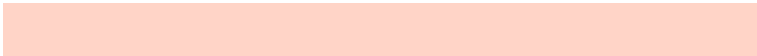
117.7070, 67.6854, -103.2290

# Sweetspot

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



139.1860, -38.5457, 90.1679



223.3750, -12.0169, 27.7351



131.3070, 35.3446, 97.0778



108.8620, -7.3270, 16.7840



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.



139.1860, -38.5457, 90.1679



124.2940, -48.9519, 114.6292



191.4290, -64.3015, 44.3508



113.3490, -2.6371, 5.8329



79.6700, -39.2773, 91.4974



24.3750, -12.0169, 27.7351

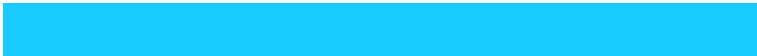


# Inverse Universe

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



163.8140, 38.5457, -90.1679



155.7060, 48.9519, -114.6292



111.5710, 64.3015, -44.3508



114.6510, 2.6371, -5.8329



104.3300, 39.2773, -91.4974



31.6250, 12.0169, -27.7351



# Previews

## White Background



This preview shows how the YUV color 139.1860, -38.5457, 90.1679 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 139.1860, -38.5457, 90.1679 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 × Fail

If you want to check with other color combinations, try the [Color Contrast Checker](#).

# YUV 139.1860, -38.5457, 90.1679

## Background



This preview shows how black text looks on a background with the YUV color 139.1860, -38.5457, 90.1679.



This preview shows how white text looks on a background with the YUV color 139.1860, -38.5457, 90.1679.



# 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

139.1860, -38.5457, 90.1679

### Protanopia

143.2770, -33.6606, 16.4201

### Deuteranopia

142.2380, -44.4873, 35.7483



## Tritanopia

141.6370, -19.0480, 89.7724

# Trichromacy



## Original Color

139.1860, -38.5457, 90.1679

## Protanomaly

141.9860, -35.4891, 42.9853

## Deuteranomaly

141.2280, -42.5104, 55.0510

## Tritanomaly

140.8020, -26.0314, 89.6276

# Monochromacy



## Original Color

139.1860, -38.5457, 90.1679

## Achromatopsia

139.0000, 0.0000, 0.0000

## Achromatomaly

139.2400, -13.9223, 32.2385

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 139.1860, -38.5457, 90.1679 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(242, 102, 61)` looks like.

```
.text, #text, p{  
    color:rgb(242, 102, 61)  
}
```

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(242, 102, 61) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 102, 61) }
```

## Border

The CSS property to change the border of an element to YUV 139.1860, -38.5457, 90.1679 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(242, 102, 61) }
```



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

```
.border{ border-color:rgb(242, 102, 61) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 102, 61)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 102, 61); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 102, 61);  
box-shadow:4px 4px 4px 4px rgb(242, 102,  
61) }
```

# Background

The CSS property to change the background color of an element to YUV 139.1860, -38.5457, 90.1679 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 102, 61) }
```

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

```
.background{ background-color: rgb(242,  
102, 61) }
```

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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