

# Converting Colors

YUV(126.8070, -40.3309,  
102.7783)

Have a look what the booklet for  
YUV(126.8070, -40.3309, 102.7783)  
contains.

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# Color

**YUV(126.8070, -40.3309,  
102.7783)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F4532D
RGB	244, 83, 45
RGB Percent	96%, 33%, 18%
CMY	0.0431, 0.6745, 0.8235
CMYK	0.00, 0.66, 0.82, 0.04
HSL	11°, 90%, 57%
HSV	11°, 82%, 96%
XYZ	40.8751, 25.6091, 5.2713
YIQ	126.8070, 108.1540, 22.3140

# Conversions

## Conversions Part 2

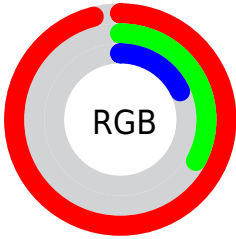
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	244, 92, 45
Decimal	16012077
CIE <sub>Lab</sub>	57.66, 59.89, 54.11
CIE <sub>LCh</sub>	58, 80.716, 42.100
Yxy	25.6091, 0.5696, 0.3569
Android (android.graphics.Color)	4294202157 (0xFFFF4532D)
YUV	126.8070, -40.3309, 102.7783
Hunter-Lab	50.6054, 55.6190, 29.2478

# Details

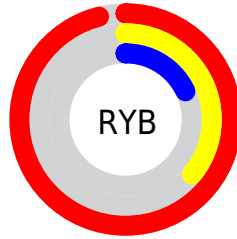
The YUV color **126.8070, -40.3309, 102.7783** is a dark color, and the websafe version is hex **FF6633**. The color can be described as dark washed red. A complement of this color would be **162.1930, 40.3309, -102.7783**, and the grayscale version is **127.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **169.1410, -37.0445, 75.2983**, and **61.1520, -30.1479, 103.3527** is the 20% darker color. If you saturate the color by 10%, you get **112.3310, -45.0262, 115.4737**, and if you desaturate by 10%, it is **141.2830, -35.6355, 90.0828**.

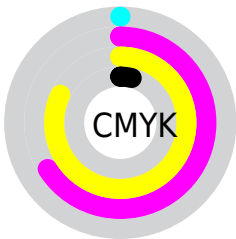
# Distribution



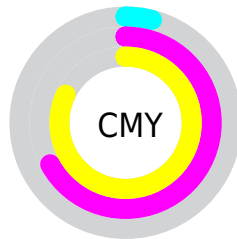
- Red (96%)
- Green (33%)
- Blue (18%)



- Red (96%)
- Yellow (36%)
- Blue (18%)



- Cyan (0%)
- Magenta (66%)
- Yellow (82%)
- Black (4%)




- Cyan (4%)
- Magenta (67%)
- Yellow (82%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 126.8070, -40.3309, 102.7783 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 126.8070, -40.3309, 102.7783 by changing the saturation by 10% instead.




 126.8070,  
-40.3309, 102.7783


 126.8070,  
-40.3309, 102.7783


255.0000, 0.0000,  
0.0000


 96.4800, -37.7046,  
100.4340


 169.1410,  
-37.0445, 75.2983


 61.1520, -30.1479,  
103.3527


 188.5410,  
-33.7907, 58.2845


 44.2520, -21.8162,  
90.9870


 208.5280,  
-30.8263, 40.7559

 34.6840, -17.0992,  
71.3141

 228.6290,  
-27.4251, 23.1274

 25.4150, -12.5296,  
52.2560

 248.8440,  
-23.5871, 5.3988

 17.2710, -7.5286,  
34.8423

 252.1500,

 4.7840, -2.3585,

-10.9200, 2.4994

9.8364

■ 0.0000, 0.0000,  
0.0000

■ 126.8070,  
-40.3309, 102.7783

■ 126.8070,  
-40.3309, 102.7783

■ 112.3310,  
-45.0262, 115.4737

■ 141.2830,  
-35.6355, 90.0828


■ 100.5450,  
-49.5687, 125.8100

■ 155.2860,  
-30.2140, 77.8022

■ 169.7620,  
-25.5187, 65.1067


■ 184.3520,  
-20.3865, 52.3113

■ 198.8280,  
-15.6912, 39.6158

 212.7170,  
-10.7065, 27.4352

 227.3070, -5.5744,  
14.6398

 241.7830, -0.8790,  
1.9443

 251.7110, 1.6215,  
-6.7625

# Harmonies

## Analogous

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



116.7160, -1.8320, 121.2751



126.8070, -40.3309, 102.7783



129.9520, -64.0663, 62.3091

# Triad

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



126.8070, -40.3309, 102.7783



107.9300, -7.8535, -94.6546



110.0760, 71.4475, -96.5367

# Complementary

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



126.8070, -40.3309, 102.7783



162.1930, 40.3309, -102.7783

# 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.



121.8160, 65.6597, -106.8326



126.8070, -40.3309, 102.7783



118.1270, 23.6014, -103.5974

# Square

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



126.8070, -40.3309, 102.7783



109.1800, -53.8257, -49.2699



124.4770, 53.0088, -109.1663



141.1890, 50.6858, 29.6522



# Rectangle

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



126.8070, -40.3309, 102.7783



129.1560, -63.6739, 29.6812



124.4770, 53.0088, -109.1663



114.7720, 69.1324, -100.6550

# Sweetspot

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



126.8070, -40.3309, 102.7783



218.6960, -12.1751, 31.8386



123.0830, 41.8641, 106.0442



106.1720, -7.4798, 19.1432



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.



126.8070, -40.3309, 102.7783



107.9260, -50.7425, 128.9839



184.3330, -68.6912, 52.3280



114.7620, -2.3477, 6.3477



76.7460, -37.8358, 95.8158



24.0980, -11.8803, 30.6091



# Inverse Universe

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



162.1930, 40.3309, -102.7783



152.0740, 50.7425, -128.9839



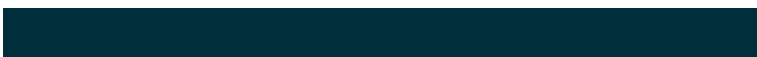
104.6670, 68.6912, -52.3280



117.2380, 2.3477, -6.3477



109.8410, 37.5464, -96.3306



34.3150, 12.1697, -30.0943



# Previews

## White Background



This preview shows how the YUV color 126.8070, -40.3309, 102.7783 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 126.8070, -40.3309, 102.7783 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 126.8070, -40.3309, 102.7783 Background



This preview shows how black text looks on a background with the YUV color 126.8070, -40.3309, 102.7783.



This preview shows how white text looks on a background with the YUV color 126.8070, -40.3309, 102.7783.



# 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

126.8070, -40.3309, 102.7783

### Protanopia

134.4790, -36.7181, 17.1199

### Deuteranopia

133.1150, -51.3287, 36.7331



## Tritanopia

129.0900, -22.7224, 101.6531

# Trichromacy



## Original Color

126.8070, -40.3309, 102.7783

## Protanomaly

132.0360, -37.9787, 48.2034

## Deuteranomaly

130.7080, -47.1840, 60.7691

## Tritanomaly

128.0810, -29.1269, 102.5380

# Monochromacy



## Original Color

126.8070, -40.3309, 102.7783

## Achromatopsia

127.0000, 0.0000, 0.0000

## Achromatomaly

127.0450, -14.8122, 37.6715

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 126.8070, -40.3309, 102.7783 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(244, 83, 45)` looks like.

```
.text, #text, p{  
    color:rgb(244, 83, 45)  
}
```

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(244, 83, 45) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 83, 45) }
```

## Border

The CSS property to change the border of an element to YUV 126.8070, -40.3309, 102.7783 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(244, 83, 45) }
```



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

```
.border{ border-color:rgb(244, 83, 45) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 83, 45)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 83, 45); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 83, 45);  
box-shadow:4px 4px 4px 4px rgb(244, 83,  
45) }
```

# Background

The CSS property to change the background color of an element to YUV 126.8070, -40.3309, 102.7783 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 83, 45) }
```

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

```
.background{ background-color: rgb(244, 83,  
45) }
```

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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