

# Converting Colors

YUV(126.2680, -56.3341,  
102.3740)

Have a look what the booklet for  
YUV(126.2680, -56.3341, 102.3740)  
contains.

<b>YUV(126.2680, -56.3341, 102.3740)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YUV(126.2680, -56.3341,  
102.3740)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	F3590C
RGB	243, 89, 12
RGB Percent	95%, 35%, 5%
CMY	0.0471, 0.6510, 0.9529
CMYK	0.00, 0.63, 0.95, 0.05
HSL	20°, 91%, 50%
HSV	20°, 95%, 95%
XYZ	40.6009, 26.2260, 3.2700
YIQ	126.2680, 116.5010, 8.7010

# Conversions

## Conversions Part 2

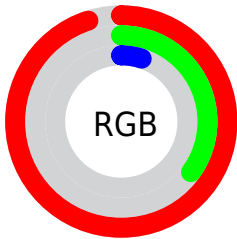
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	243, 128, 12
Decimal	15948044
CIE Lab	58.25, 56.51, 65.85
CIE LCh	58, 86.777, 49.364
Yxy	26.2260, 0.5792, 0.3741
Android (android.graphics.Color)	4294138124 (0xFFFF3590C)
YUV	126.2680, -56.3341, 102.3740
Hunter-Lab	51.2113, 51.8969, 32.0620

# Details

The YUV color **126.2680, -56.3341, 102.3740** is a dark color, and the websafe version is hex **FF6600**. The color can be described as dark saturated red. A complement of this color would be **128.7320, 56.3341, -102.3740**, and the grayscale version is **127.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **169.4540, -48.5378, 75.0238**, and **69.6580, -34.3414, 95.0159** is the 20% darker color. If you saturate the color by 10%, you get **120.2040, -59.2606, 107.6921**, and if you desaturate by 10%, it is **138.3960, -50.4812, 91.7377**.

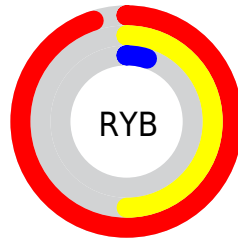
# Distribution



Red (95%)

Green (35%)

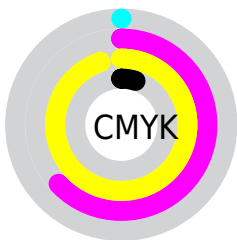
Blue (5%)



Red (95%)

Yellow (50%)

Blue (5%)

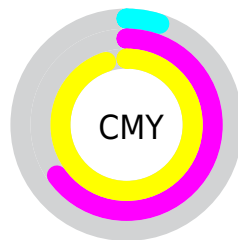


Cyan (0%)

Magenta (63%)

Yellow (95%)

Black (5%)



Cyan (5%)

Magenta (65%)

Yellow (95%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 126.2680, -56.3341, 102.3740 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 126.2680, -56.3341, 102.3740 by changing the saturation by 10% instead.



126.2680,  
-56.3341, 102.3740

126.2680,  
-56.3341, 102.3740

255.0000, 0.0000,  
0.0000

98.5970, -48.6083,  
97.7004

169.4540,  
-48.5378, 75.0238

69.6580, -34.3414,  
95.0159

188.8540,  
-45.2840, 58.0100

43.6540, -21.5214,  
89.7574

208.2540,  
-42.0302, 40.9962

34.3850, -16.9518,  
70.6994

228.3550,  
-38.6290, 23.3677

25.1160, -12.3822,  
51.6413

246.2220,  
-33.6334, 7.6983

17.2710, -7.5286,  
34.8423

249.4140,


4.4850, -2.2111,


-21.4031, 4.8989


9.2217


 252.7200, -8.7360,  
1.9996


 0.0000, 0.0000,  
0.0000


 126.2680,  
-56.3341, 102.3740


 126.2680,  
-56.3341, 102.3740

 120.2040,  
-59.2606, 107.6921

 138.3960,  
-50.4812, 91.7377

 150.6380,  
-44.1915, 81.0015

 163.3530,  
-38.6280, 69.8504

 175.4810,  
-32.7751, 59.2142

 187.6090,  
-26.9222, 48.5779

199.8510,  
-20.6325, 37.8417

211.9790,  
-14.7796, 27.2054

224.6940, -9.2161,  
16.0544

236.9360, -2.9264,  
5.3181

# Harmonies

## Analogous

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



109.3810, -7.0898, 127.7079



126.2680, -56.3341, 102.3740



131.9570, -65.0548, 52.6577

# Triad

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



126.2680, -56.3341, 102.3740



112.2160, -1.5855, -98.4134



116.4210, 68.3194, -73.1602

# Complementary

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



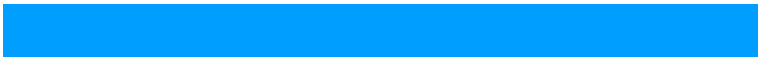
126.2680, -56.3341, 102.3740



128.7320, 56.3341, -102.3740

# 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



126.2680, -56.3341, 102.3740



122.5100, 32.7796, -107.4413

# Square

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



126.2680, -56.3341, 102.3740



98.3200, -39.5978, -86.2266



128.2730, 62.4764, -112.4954



140.8760, 48.8681, 52.7287



# Rectangle

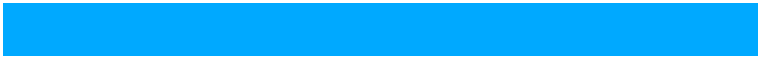
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



126.2680, -56.3341, 102.3740



129.3670, -63.7779, 16.3411



128.2730, 62.4764, -112.4954



112.4240, 70.2900, -98.5958

# Sweetspot

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



126.2680, -56.3341, 102.3740



217.8010, -18.1429, 32.6235



98.6250, 33.2159, 126.6169



105.2600, -10.9742, 19.9430



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.



126.2680, -56.3341, 102.3740



126.1400, -62.1870, 113.0102



193.7730, -89.6141, 43.1721



115.9360, -2.9264, 5.3181



92.0080, -45.3599, 82.4310



29.3810, -14.4848, 25.9759

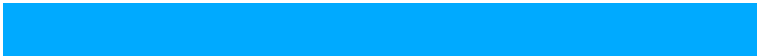


# Inverse Universe

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



128.7320, 56.3341, -102.3740



128.8600, 62.1870, -113.0102



61.2270, 89.6141, -43.1721



116.0640, 2.9264, -5.3181



93.9920, 45.3599, -82.4310



29.6190, 14.4848, -25.9759



# Previews

## White Background



This preview shows how the YUV color 126.2680, -56.3341, 102.3740 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 126.2680, -56.3341, 102.3740 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 126.2680, -56.3341, 102.3740 Background



This preview shows how black text looks on a background with the YUV color 126.2680, -56.3341, 102.3740.



This preview shows how white text looks on a background with the YUV color 126.2680, -56.3341, 102.3740.



# 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

126.2680, -56.3341, 102.3740

### Protanopia

133.2010, -51.8641, 21.7487

### Deuteranopia

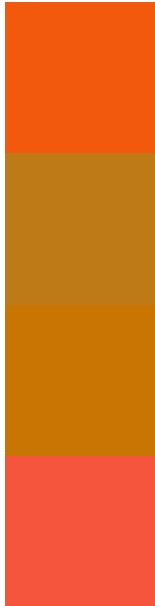
130.9940, -64.5800, 40.3473



## Tritanopia

132.0080, -21.6959, 99.0940

# Trichromacy



## Original Color

126.2680, -56.3341, 102.3740

## Protanomaly

130.6330, -53.5561, 51.1879

## Deuteranomaly

129.2340, -61.7404, 62.9388

## Tritanomaly

129.6910, -34.3577, 100.2490

# Monochromacy



## Original Color

126.2680, -56.3341, 102.3740

## Achromatopsia

126.0000, 0.0000, 0.0000

## Achromatomaly

126.5520, -20.4851, 37.2269

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 126.2680, -56.3341, 102.3740 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(243, 89, 12)` looks like.

```
.text, #text, p{  
    color:rgb(243, 89, 12)  
}
```

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(243, 89, 12) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 89, 12) }
```

## Border

The CSS property to change the border of an element to YUV 126.2680, -56.3341, 102.3740 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(243, 89, 12) }
```



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

```
.border{ border-color:rgb(243, 89, 12) }
```

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

Here you see how a box with a 4 pixel `rgb(243, 89, 12)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 89, 12); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 89, 12);  
box-shadow:4px 4px 4px 4px rgb(243, 89,  
12) }
```

# Background

The CSS property to change the background color of an element to YUV 126.2680, -56.3341, 102.3740 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 89, 12) }
```

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

```
.background{ background-color: rgb(243, 89,  
12) }
```

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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