

# Converting Colors

YUV(141.2900, -59.7960,  
92.7077)

Have a look what the booklet for  
YUV(141.2900, -59.7960, 92.7077)  
contains.

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# Color

**YUV(141.2900, -59.7960,  
92.7077)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	F76F14
RGB	247, 111, 20
RGB Percent	97%, 44%, 8%
CMY	0.0314, 0.5647, 0.9216
CMYK	0.00, 0.55, 0.92, 0.03
HSL	24°, 93%, 52%
HSV	24°, 92%, 97%
XYZ	44.1685, 31.1935, 4.3548
YIQ	141.2900, 110.2670, 0.5310

# Conversions

## Conversions Part 2

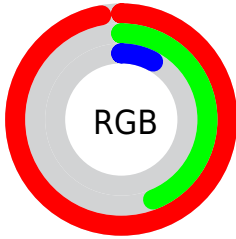
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	247, 172, 20
Decimal	16215828
CIE Lab	62.67, 48.18, 67.24
CIE LCh	63, 82.725, 54.375
Yxy	31.1935, 0.5541, 0.3913
Android (android.graphics.Color)	4294405908 (0xFFFF76F14)
YUV	141.2900, -59.7960, 92.7077
Hunter-Lab	55.8512, 43.4226, 34.4729

# Details

The YUV color **141.2900, -59.7960, 92.7077** is a dark color, and the websafe version is hex **FF6600**. The color can be described as dark washed orange. A complement of this color would be **125.7100, 59.7960, -92.7077**, and the grayscale version is **142.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **181.9920, -51.2681, 64.0280**, and **88.7630, -43.7602, 82.6458** is the 20% darker color. If you saturate the color by 10%, you get **131.9660, -65.0592, 100.8848**, and if you desaturate by 10%, it is **152.9450, -53.2169, 82.4862**.

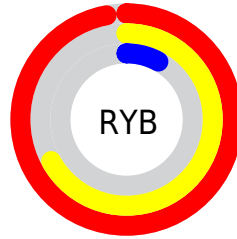
# Distribution



Red (97%)

Green (44%)

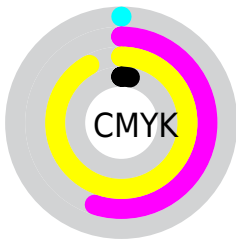
Blue (8%)



Red (97%)

Yellow (67%)

Blue (8%)

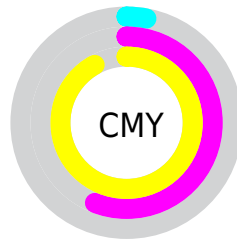


Cyan (0%)

Magenta (55%)

Yellow (92%)

Black (3%)



Cyan (3%)

Magenta (56%)

Yellow (92%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 141.2900, -59.7960, 92.7077 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 141.2900, -59.7960, 92.7077 by changing the saturation by 10% instead.



141.2900,  
-59.7960, 92.7077

141.2900,  
-59.7960, 92.7077

255.0000, 0.0000,  
0.0000

113.5930,  
-56.0013, 88.9339

181.9920,  
-51.2681, 64.0280

88.7630, -43.7602,  
82.6458

201.5060,  
-47.5775, 46.9142

62.1720, -30.6508,  
77.9022

221.4930,  
-44.6130, 29.3856

35.8800, -17.6888,  
73.7732

241.7080,  
-40.7750, 11.6571

26.9100, -13.2666,  
55.3299

247.2480,  
-29.7023, 6.7985

18.6520, -8.7024,  
38.0162

250.4400,

9.0840, -3.9854,

-17.4719, 3.9991

18.3433

253.7460, -4.8048,  
1.0998

0.0000, 0.0000,  
0.0000

141.2900,  
-59.7960, 92.7077

141.2900,  
-59.7960, 92.7077

131.9660,  
-65.0592, 100.8848

152.9450,  
-53.2169, 82.4862

164.4860,  
-47.0746, 72.3648

175.5540,  
-40.2061, 62.6581

187.2090,  
-33.6270, 52.4367

198.8640,  
-27.0480, 42.2153

210.4050,  
-20.9057, 32.0938

222.0600,  
-14.3266, 21.8724

233.1280, -7.4581,  
12.1657

244.6690, -1.3158,  
2.0443

# Harmonies

## Analogous

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



130.0400, -16.7817, 109.5899



141.2900, -59.7960, 92.7077



142.5340, -70.2693, 45.1357

# Triad

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



141.2900, -59.7960, 92.7077



122.8110, 6.0092, -107.7052



143.8630, 54.7905, -27.0669

# Complementary

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



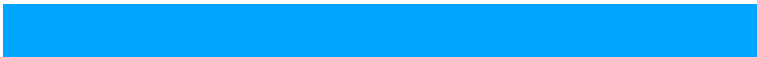
141.2900, -59.7960, 92.7077



125.7100, 59.7960, -92.7077

# 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.



125.9250, 63.6340, -110.4362



141.2900, -59.7960, 92.7077



132.0620, 38.9164, -115.8184

# Square

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



141.2900, -59.7960, 92.7077



110.3970, -26.3247, -96.8182



134.1430, 59.5825, -117.6434



152.5200, 42.1416, 63.5650



# Rectangle

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



141.2900, -59.7960, 92.7077



138.1830, -68.1242, 10.3635



134.1430, 59.5825, -117.6434



116.5330, 68.2642, -102.1994

# Sweetspot

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



141.2900, -59.7960, 92.7077



221.6650, -18.5688, 29.2348



103.3770, 25.9431, 125.9574



107.7220, -11.6949, 17.7838



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.



141.2900, -59.7960, 92.7077



136.1190, -67.1067, 104.2586



207.6210, -92.4972, 34.5354



116.5230, -3.2158, 4.8033



99.6390, -49.1220, 75.7386



31.7290, -15.6424, 23.9167

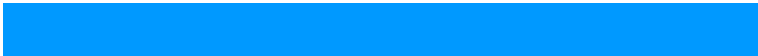


# Inverse Universe

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



125.7100, 59.7960, -92.7077



118.8810, 67.1067, -104.2586



59.3790, 92.4972, -34.5354



115.4770, 3.2158, -4.8033



86.9480, 48.8326, -76.2534



27.2710, 15.6424, -23.9167



# Previews

## White Background



This preview shows how the YUV color 141.2900, -59.7960, 92.7077 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 141.2900, -59.7960, 92.7077 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 141.2900, -59.7960, 92.7077

## Background



This preview shows how black text looks on a background with the YUV color 141.2900, -59.7960, 92.7077.



This preview shows how white text looks on a background with the YUV color 141.2900, -59.7960, 92.7077.



# 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

141.2900, -59.7960, 92.7077

### Protanopia

144.0010, -55.2165, 23.6781

### Deuteranopia

141.9360, -69.9744, 43.9061



**Tritanopia**

147.7510, -18.6112, 89.6724

# Trichromacy



**Original Color**

141.2900, -59.7960, 92.7077

**Protanomaly**

143.1120, -56.7502, 49.0138

**Deuteranomaly**

141.6700, -66.3923, 61.6794

**Tritanomaly**

145.4510, -33.7463, 90.8125

# Monochromacy



**Original Color**

141.2900, -59.7960, 92.7077

**Achromatopsia**

141.0000, 0.0000, 0.0000

**Achromatomaly**

141.1880, -21.7847, 34.0381

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 141.2900, -59.7960, 92.7077 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(247, 111, 20)` looks like.

```
.text, #text, p{  
    color:rgb(247, 111, 20)  
}
```

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(247, 111, 20) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 111, 20) }
```

## Border

The CSS property to change the border of an element to YUV 141.2900, -59.7960, 92.7077 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(247, 111, 20) }
```



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

```
.border{ border-color:rgb(247, 111, 20) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 111, 20)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 111, 20); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 111, 20);  
box-shadow:4px 4px 4px 4px rgb(247, 111,  
20) }
```

# Background

The CSS property to change the background color of an element to YUV 141.2900, -59.7960, 92.7077 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 111, 20) }
```

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

```
.background{ background-color: rgb(247,  
111, 20) }
```

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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