

# Converting Colors

YUV(136.9140, -35.9466,  
96.5454)

Have a look what the booklet for  
YUV(136.9140, -35.9466, 96.5454)  
contains.

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# Color

**YUV(136.9140, -35.9466,  
96.5454)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F75F40
RGB	247, 95, 64
RGB Percent	97%, 37%, 25%
CMY	0.0314, 0.6275, 0.7490
CMYK	0.00, 0.62, 0.74, 0.03
HSL	10°, 92%, 61%
HSV	10°, 74%, 97%
XYZ	43.3754, 28.3287, 8.0323
YIQ	136.9140, 100.5430, 22.5830

# Conversions

## Conversions Part 2

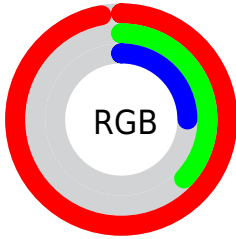
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	247, 101, 64
Decimal	16211776
CIE Lab	60.18, 56.57, 47.47
CIE LCh	60, 73.849, 40.004
Yxy	28.3287, 0.5440, 0.3553
Android (android.graphics.Color)	4294401856 (0xFFFF75F40)
YUV	136.9140, -35.9466, 96.5454
Hunter-Lab	53.2248, 52.3249, 28.3096

# Details

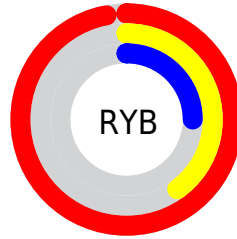
The YUV color **136.9140, -35.9466, 96.5454** is a dark color, and the websafe version is hex **FF6633**. The color can be described as middle washed red. A complement of this color would be **174.0860, 35.9466, -96.5454**, and the grayscale version is **137.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **177.7640, -31.9287, 67.7360**, and **77.7870, -29.9680, 92.2718** is the 20% darker color. If you saturate the color by 10%, you get **121.7370, -40.7893, 109.8557**, and if you desaturate by 10%, it is **152.0910, -31.1039, 83.2352**.

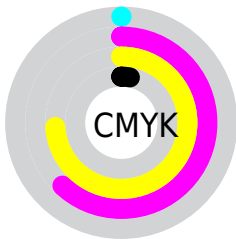
# Distribution



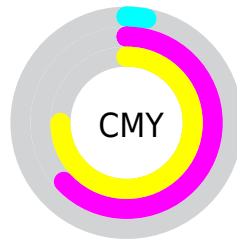
- Red (97%)
- Green (37%)
- Blue (25%)



- Red (97%)
- Yellow (40%)
- Blue (25%)



- Cyan (0%)
- Magenta (62%)
- Yellow (74%)
- Black (3%)



- Cyan (3%)
- Magenta (63%)
- Yellow (75%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 136.9140, -35.9466, 96.5454 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 136.9140, -35.9466, 96.5454 by changing the saturation by 10% instead.




 136.9140,  
-35.9466, 96.5454


 136.9140,  
-35.9466, 96.5454


255.0000, 0.0000,  
0.0000


 108.1740,  
-33.6098, 93.6864


 177.7640,  
-31.9287, 67.7360


 77.7870, -29.9680,  
92.2718


 197.1640,  
-28.6749, 50.7222


 45.4480, -22.4059,  
93.4461


 217.2650,  
-25.2736, 33.0936

 36.1790, -17.8362,  
74.3880

 237.4800,  
-21.4356, 15.3650

 26.9100, -13.2666,  
55.3299

 251.2380,  
-14.4143, 3.2993

 19.1790, -7.9762,  
38.4310

 254.5440, -1.7472,

 8.1870, -3.5432,

0.3999

16.4990

■ 0.0000, 0.0000,  
0.0000

■ 136.9140,  
-35.9466, 96.5454

■ 136.9140,  
-35.9466, 96.5454

■ 121.7370,  
-40.7893, 109.8557

■ 152.0910,  
-31.1039, 83.2352

■ 107.2610,  
-45.4847, 122.5511

■ 166.5670,  
-26.4085, 70.5397

■ 98.5070, -48.5640,  
130.2284

■ 181.7440,  
-21.5658, 57.2295

■ 196.3340,  
-16.4337, 44.4341

■ 211.5110,  
-11.5909, 31.1239

■ 225.9870, -6.8956,  
18.4284

■ 241.1640, -2.0529,  
5.1182

■ 252.6080, 1.1793,  
-4.9182

# Harmonies

## Analogous

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



132.8730, -3.3884, 107.1054



136.9140, -35.9466, 96.5454



136.4530, -67.2713, 63.6237

# Triad

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



136.9140, -35.9466, 96.5454



112.1360, -6.9690, -98.3433



114.7720, 69.1324, -100.6550

# Complementary

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



136.9140, -35.9466, 96.5454



174.0860, 35.9466, -96.5454

# 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.



125.3380, 63.9234, -109.9214



136.9140, -35.9466, 96.5454



121.0620, 22.1544, -106.1714

# Square

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



136.9140, -35.9466, 96.5454



123.6790, -47.1697, -37.4295



127.5430, 49.5253, -111.8552



148.7490, 47.9447, 22.1451



# Rectangle

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



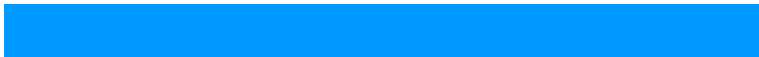
136.9140, -35.9466, 96.5454



135.3800, -66.7423, 33.8697



127.5430, 49.5253, -111.8552



118.8810, 67.1067, -104.2586

# Sweetspot

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



136.9140, -35.9466, 96.5454



221.0270, -10.8593, 29.7943



136.0450, 39.4178, 97.3075



107.6880, -6.7482, 17.8136



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.



136.9140, -35.9466, 96.5454



118.1790, -44.4582, 119.9920



190.3310, -62.2812, 49.6987



114.7620, -2.3477, 6.3477



74.3980, -36.6782, 97.8750



23.5110, -11.5909, 31.1239



# Inverse Universe

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



174.0860, 35.9466, -96.5454



164.8210, 44.4582, -119.9920



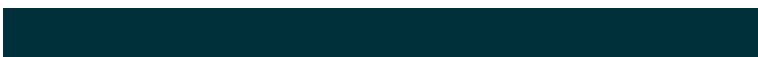
120.6690, 62.2812, -49.6987



117.2380, 2.3477, -6.3477



112.1890, 36.3888, -98.3898



35.4890, 11.5909, -31.1239



# Previews

## White Background



This preview shows how the YUV color 136.9140, -35.9466, 96.5454 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 136.9140, -35.9466, 96.5454 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 136.9140, -35.9466, 96.5454

## Background



This preview shows how black text looks on a background with the YUV color 136.9140, -35.9466, 96.5454.



This preview shows how white text looks on a background with the YUV color 136.9140, -35.9466, 96.5454.



# 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

136.9140, -35.9466, 96.5454

### Protanopia

142.6620, -30.8924, 15.2054

### Deuteranopia

141.2810, -43.0295, 34.8336



## Tritanopia

138.5130, -20.9589, 96.0201

# Trichromacy



## Original Color

136.9140, -35.9466, 96.5454

## Protanomaly

140.3930, -32.7317, 45.2593

## Deuteranomaly

139.5210, -40.1899, 57.4251

## Tritanomaly

137.7320, -26.4899, 96.7050

# Monochromacy



## Original Color

136.9140, -35.9466, 96.5454

## Achromatopsia

137.0000, 0.0000, 0.0000

## Achromatomaly

137.0770, -13.3490, 35.0125

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 136.9140, -35.9466, 96.5454 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, 95, 64)` looks like.

```
.text, #text, p{  
    color:rgb(247, 95, 64)  
}
```

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, 95, 64) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 95, 64) }
```

## Border

The CSS property to change the border of an element to YUV 136.9140, -35.9466, 96.5454 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, 95, 64) }
```



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

```
.border{ border-color:rgb(247, 95, 64) }
```

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

Here you see how a box with a 4 pixel rgb(247, 95, 64) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 95, 64); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 95, 64);  
box-shadow:4px 4px 4px 4px rgb(247, 95,  
64) }
```

# Background

The CSS property to change the background color of an element to YUV 136.9140, -35.9466, 96.5454 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 95, 64) }
```

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

```
.background{ background-color: rgb(247, 95,  
64) }
```

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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