

# Converting Colors

YUV(139.5750, -68.8105,  
90.7037)

Have a look what the booklet for  
YUV(139.5750, -68.8105, 90.7037)  
contains.

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# Color

**YUV(139.5750, -68.8105,  
90.7037)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F37200
RGB	243, 114, 0
RGB Percent	95%, 45%, 0%
CMY	0.0471, 0.5529, 1.0000
CMYK	0.00, 0.53, 1.00, 0.05
HSL	28°, 100%, 48%
HSV	28°, 100%, 95%
XYZ	42.9795, 31.0893, 3.7356
YIQ	139.5750, 113.4780, -8.1060

# Conversions

## Conversions Part 2

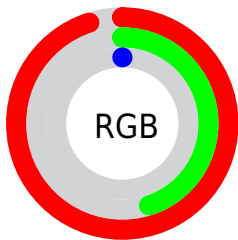
Format	Color
<a href="#">RYB</a>	<a href="#">243, 215, 0</a>
Decimal	<a href="#">15954432</a>
CIELab	<a href="#">62.58, 45.06, 70.50</a>
CIELCh	<a href="#">63, 83.668, 57.418</a>
Yxy	<a href="#">31.0893, 0.5524, 0.3996</a>
Android (android.graphics.Color)	<a href="#">4294144512</a> (0xFFFF37200)
YUV	<a href="#">139.5750, -68.8105, 90.7037</a>
Hunter-Lab	<a href="#">55.7578, 40.0160, 35.0582</a>

# Details

The YUV color **139.5750, -68.8105, 90.7037** is a dark color, and the websafe version is hex **FF6600**. The color can be described as dark saturated orange. A complement of this color would be **103.4250, 68.8105, -90.7037**, and the grayscale version is **140.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **182.7270, -56.0674, 63.3834**, and **89.9150, -44.3281, 78.1275** is the 20% darker color. If you saturate the color by 10%, you get **139.5750, -68.8105, 90.7037**, and if you desaturate by 10%, it is **149.9420, -62.0894, 81.6119**.

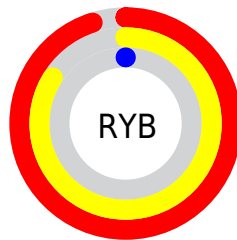
# Distribution



Red (95%)

Green (45%)

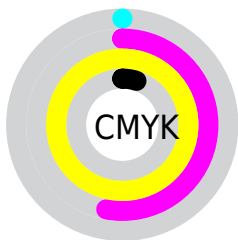
Blue (0%)



Red (95%)

Yellow (84%)

Blue (0%)

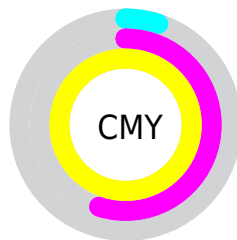


Cyan (0%)

Magenta (53%)

Yellow (100%)

Black (5%)



Cyan (5%)

Magenta (55%)

Yellow (100%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 139.5750, -68.8105, 90.7037 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 139.5750, -68.8105, 90.7037 by changing the saturation by 10% instead.



139.5750,  
-68.8105, 90.7037

139.5750,  
-68.8105, 90.7037

255.0000, 0.0000,  
0.0000

114.7450,  
-56.5693, 84.4156

182.7270,  
-56.0674, 63.3834

89.9150, -44.3281,  
78.1275

202.3550,  
-51.9400, 46.1697

64.4980, -31.7975,  
72.3543

222.4560,  
-48.5388, 28.5411

34.6840, -17.0992,  
71.3141

242.5570,  
-45.1376, 10.9125

26.0130, -12.8244,  
53.4856

246.3360,  
-33.1966, 7.5983


17.7550, -8.2602,  
36.1719


249.6420,


7.8880, -3.3958,

-20.5295, 4.6990


15.8842


 252.9480, -7.8624,  
1.7996


 0.0000, 0.0000,  
0.0000


 139.5750,  
-68.8105, 90.7037

 149.9420,  
-62.0894, 81.6119

 160.4230,  
-54.9315, 72.4200

 170.7900,  
-48.2105, 63.3282

 181.1570,  
-41.4894, 54.2363

 191.5240,  
-34.7683, 45.1445

■ 201.4180,  
-27.3211, 36.4674

■ 211.7850,  
-20.6000, 27.3756

■ 222.1520,  
-13.8789, 18.2837

■ 232.6330, -6.7211,  
9.0919

# Harmonies

## Analogous

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



129.7150, -20.5655, 109.8749



139.5750, -68.8105, 90.7037



141.9140, -69.9636, 40.4174

# Triad

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



139.5750, -68.8105, 90.7037



123.6090, 9.0668, -108.4051



146.2990, 53.5896, -15.1712

# Complementary

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



139.5750, -68.8105, 90.7037



103.4250, 68.8105, -90.7037

# 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



139.5750, -68.8105, 90.7037



132.8600, 41.9740, -116.5182

# Square

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



139.5750, -68.8105, 90.7037



111.7820, -23.5565, -98.0328



133.5560, 59.8719, -117.1286



151.4070, 40.2253, 71.5571



# Rectangle

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



139.5750, -68.8105, 90.7037



136.9650, -67.5237, 4.4157



133.5560, 59.8719, -117.1286



128.8360, 62.1989, -70.0162

# Sweetspot

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



139.5750, -68.8105, 90.7037



222.2690, -21.3316, 28.7051



87.4770, 20.9638, 136.3937



108.0810, -12.8579, 17.4690



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.



139.5750, -68.8105, 90.7037



146.6850, -72.3157, 94.9923



210.6020, -103.8268, 28.4130



117.1100, -3.5052, 4.2885



106.6830, -52.5947, 69.5610



34.0770, -16.8000, 21.8575



# Inverse Universe

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



103.4250, 68.8105, -90.7037



108.3150, 72.3157, -94.9923



32.3980, 103.8268, -28.4130



115.4770, 3.2158, -4.8033



79.3170, 52.5947, -69.5610



24.9230, 16.8000, -21.8575



# Previews

## White Background



This preview shows how the YUV color 139.5750, -68.8105, 90.7037 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 139.5750, -68.8105, 90.7037 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 139.5750, -68.8105, 90.7037

## Background



This preview shows how black text looks on a background with the YUV color 139.5750, -68.8105, 90.7037.



This preview shows how white text looks on a background with the YUV color 139.5750, -68.8105, 90.7037.



# 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



### Protanopia

142.8610, -59.5845, 24.6779

### Deuteranopia

141.9360, -69.9744, 43.9061

### Tritanopia

148.6580, -17.5794, 85.3689

# Trichromacy



## Protanomaly

141.5050, -62.8600, 48.6691

## Deuteranomaly

141.1600, -69.5919, 61.2497

## Tritanomaly

145.4460, -36.2089, 87.3089

# Monochromacy



## Achromatopsia

140.0000, 0.0000, 0.0000

## Achromatomaly

139.9660, -25.1262, 32.4788

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 139.5750, -68.8105, 90.7037 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, 114, 0)` looks like.

```
.text, #text, p{  
    color:rgb(243, 114, 0)  
}
```

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, 114, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 114, 0) }
```

## Border

The CSS property to change the border of an element to YUV 139.5750, -68.8105, 90.7037 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, 114, 0) }
```

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

```
.border{ border-color:rgb(243, 114, 0) }
```

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

Here you see how a box with a 4 pixel rgb(243, 114, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 114, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 114, 0);  
box-shadow:4px 4px 4px 4px rgb(243, 114,  
0) }
```



# Background

The CSS property to change the background color of an element to YUV 139.5750, -68.8105, 90.7037 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 114, 0) }
```

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

```
.background{ background-color: rgb(243,  
114, 0) }
```

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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