

Converting Colors

YUV(149.2680, -39.5721,
92.7270)

Have a look what the booklet for
YUV(149.2680, -39.5721, 92.7270)
contains.

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Color

**YUV(149.2680, -39.5721,
92.7270)**

Conversions

Conversions Part 1

Format	Color
Hex	FF6F45
RGB	255, 111, 69
RGB Percent	100%, 44%, 27%
CMY	0.0000, 0.5647, 0.7294
CMYK	0.00, 0.56, 0.73, 0.00
HSL	14°, 100%, 64%
HSV	14°, 73%, 100%
XYZ	47.9986, 33.0586, 9.4814
YIQ	149.2680, 99.3060, 17.4660

Conversions

Conversions Part 2

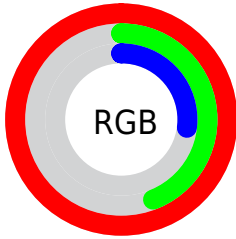
Format	Color
R_{YB}	255, 123, 69
Decimal	16740165
CIE _{Lab}	64.21, 52.44, 49.64
CIE _{LCh}	64, 72.213, 43.429
Yxy	33.0586, 0.5301, 0.3651
Android (android.graphics.Color)	4294930245 (0xFFFF6F45)
YUV	149.2680, -39.5721, 92.7270
Hunter-Lab	57.4966, 48.3943, 30.4705

Details

The YUV color **149.2680, -39.5721, 92.7270** is a dark color, and the websafe version is hex **FF6633**. The color can be described as middle washed orange. A complement of this color would be **174.7320, 39.5721, -92.7270**, and the grayscale version is **150.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **187.2530, -33.6487, 59.4141**, and **92.2610, -35.6247, 86.5941** is the 20% darker color. If you saturate the color by 10%, you get **134.5640, -45.1411, 105.6224**, and if you desaturate by 10%, it is **163.8580, -34.4400, 79.9315**.

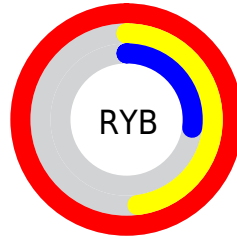
Distribution



Red (100%)

Green (44%)

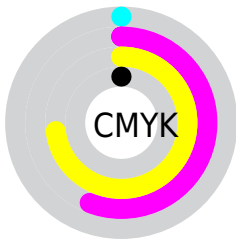
Blue (27%)



Red (100%)

Yellow (48%)

Blue (27%)

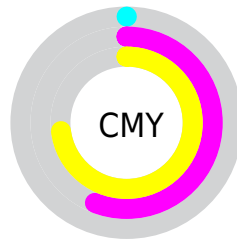


Cyan (0%)

Magenta (56%)

Yellow (73%)

Black (0%)



Cyan (0%)

Magenta (56%)

Yellow (73%)

Brightness & Saturation Gradients

These gradients show how the YUV color 149.2680, -39.5721, 92.7270 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 149.2680, -39.5721, 92.7270 by changing the saturation by 10% instead.

149.2680,
-39.5721, 92.7270

149.2680,
-39.5721, 92.7270

255.0000, 0.0000,
0.0000

121.1150,
-37.5247, 89.3531

187.2530,
-33.6487, 59.4141

92.2610, -35.6247,
86.5941

207.2400,
-30.6843, 41.8855

61.9280, -30.5305,
86.0091

226.7540,
-26.9937, 24.7717

38.5710, -19.0155,
79.3062

247.5560,
-23.4451, 6.5284

29.3020, -14.4459,
60.2481

251.9220,
-11.7935, 2.6994

20.7450, -9.7343,
42.3196

12.3730, -5.6069,

25.1059

■ 0.0000, 0.0000,
0.0000

■ 149.2680,
-39.5721, 92.7270

■ 149.2680,
-39.5721, 92.7270

■ 134.5640,
-45.1411, 105.6224

■ 163.8580,
-34.4400, 79.9315

■ 120.5610,
-50.5626, 117.9030

■ 177.9750,
-28.5817, 67.5509

■ 110.2910,
-54.3735, 126.9098

■ 192.6790,
-23.0127, 54.6555

■ 207.2690,
-17.8806, 41.8601

■ 221.8590,
-12.7485, 29.0647

 235.9760, -6.8902,
16.6840

 250.5660, -1.7580,
3.8886

255.0000, 0.0000,
0.0000

Harmonies

Analogous

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



143.1940, -6.9976, 98.0539



149.2680, -39.5721, 92.7270



146.2200, -70.6075, 60.3201

Triad

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



149.2680, -39.5721, 92.7270



120.6450, -2.2900, -105.8057



137.7180, 57.8200, -65.5277

Complementary

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



149.2680, -39.5721, 92.7270



174.7320, 39.5721, -92.7270

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.



130.6210, 61.3188, -114.5546



149.2680, -39.5721, 92.7270



129.5710, 26.8335, -113.6338

Square

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



149.2680, -39.5721, 92.7270



134.3560, -40.6015, -44.1622



135.1230, 53.1834, -118.5029



160.1800, 44.2813, 30.5371

Rectangle

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



149.2680, -39.5721, 92.7270



144.5060, -71.2415, 30.2512



135.1230, 53.1834, -118.5029



123.5770, 64.7915, -108.3770

Sweetspot

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



149.2680, -39.5721, 92.7270



223.3750, -12.0169, 27.7351



141.2580, 36.3548, 99.7517



108.8620, -7.3270, 16.7840



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.



149.2680, -39.5721, 92.7270



127.3260, -47.4887, 111.9701



202.6850, -65.9067, 45.8803



120.6480, -2.7845, 6.4477



82.3500, -40.5985, 95.2861



27.3540, -13.4855, 32.1385

Inverse Universe

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



174.7320, 39.5721, -92.7270



158.0870, 47.7781, -111.4553



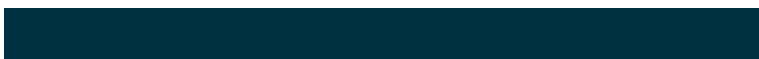
121.3150, 65.9067, -45.8803



122.3520, 2.7845, -6.4477



108.6500, 40.5986, -95.2860



36.0590, 13.7749, -31.6237

Previews

White Background



This preview shows how the YUV color 149.2680, -39.5721, 92.7270 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 149.2680, -39.5721, 92.7270 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 149.2680, -39.5721, 92.7270

Background



This preview shows how black text looks on a background with the YUV color 149.2680, -39.5721, 92.7270.



This preview shows how white text looks on a background with the YUV color 149.2680, -39.5721,

92.7270.

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

149.2680, -39.5721, 92.7270

Protanopia

152.4620, -34.2448, 17.1348

Deuteranopia

151.7220, -45.2189, 37.0778



Tritanopia

152.0500, -18.7586, 90.2872

Trichromacy



Original Color

149.2680, -39.5721, 92.7270

Protanomaly

151.4700, -36.2207, 44.3148

Deuteranomaly

151.0110, -43.3894, 56.9954

Tritanomaly

150.8130, -26.0368, 91.3720

Monochromacy



Original Color

149.2680, -39.5721, 92.7270

Achromatopsia

149.0000, 0.0000, 0.0000

Achromatomaly

149.1370, -14.3645, 34.0829

CSS Examples

Text

The CSS property to change the color of the text to YUV 149.2680, -39.5721, 92.7270 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(255, 111, 69)` looks like.

```
.text, #text, p{  
    color:rgb(255, 111, 69)  
}
```

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(255, 111, 69) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 111, 69) }
```

Border

The CSS property to change the border of an element to YUV 149.2680, -39.5721, 92.7270 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(255, 111, 69) }
```


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

```
.border{ border-color:rgb(255, 111, 69) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 111, 69)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 111, 69); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 111, 69);  
box-shadow:4px 4px 4px 4px rgb(255, 111,  
69) }
```

Background

The CSS property to change the background color of an element to YUV 149.2680, -39.5721, 92.7270 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 111, 69) }
```

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

```
.background{ background-color: rgb(255,  
111, 69) }
```

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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