

Converting Colors

YUV(148.6470, -34.3360,
93.2716)

Have a look what the booklet for
YUV(148.6470, -34.3360, 93.2716)
contains.

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Color

**YUV(148.6470, -34.3360,
93.2716)**

Conversions

Conversions Part 1

Format	Color
Hex	FF6C4F
RGB	255, 108, 79
RGB Percent	100%, 42%, 31%
CMY	0.0000, 0.5765, 0.6902
CMYK	0.00, 0.58, 0.69, 0.00
HSL	10°, 100%, 65%
HSV	10°, 69%, 100%
XYZ	48.0138, 32.5496, 11.1492
YIQ	148.6470, 96.9210, 22.1450

Conversions

Conversions Part 2

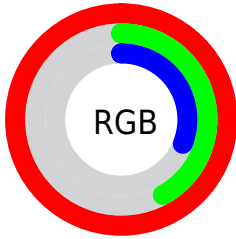
Format	Color
RYB	255, 114, 79
Decimal	16739407
CIELab	63.79, 54.27, 44.01
CIELCh	64, 69.870, 39.041
Yxy	32.5496, 0.5235, 0.3549
Android (android.graphics.Color)	4294929487 (0xFFFF6C4F)
YUV	148.6470, -34.3360, 93.2716
Hunter-Lab	57.0523, 50.3798, 28.3501

Details

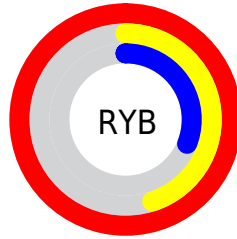
The YUV color **148.6470, -34.3360, 93.2716** is a dark color, and the websafe version is hex **FF6633**. The color can be described as middle washed orange. A complement of this color would be **185.3530, 34.3360, -93.2716**, and the grayscale version is **149.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **187.2190, -28.7020, 59.4439**, and **91.2810, -29.2255, 87.4536** is the 20% darker color. If you saturate the color by 10%, you get **133.4700, -39.1787, 106.5818**, and if you desaturate by 10%, it is **163.9380, -29.0564, 79.8614**.

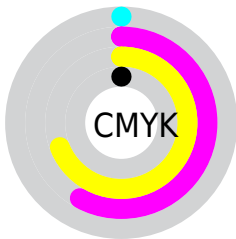
Distribution



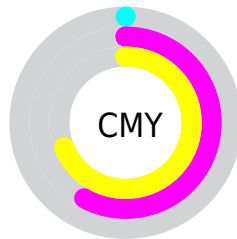
- Red (100%)
- Green (42%)
- Blue (31%)



- Red (100%)
- Yellow (45%)
- Blue (31%)



- Cyan (0%)
- Magenta (58%)
- Yellow (69%)
- Black (0%)



- Cyan (0%)
- Magenta (58%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YUV color 148.6470, -34.3360, 93.2716 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 148.6470, -34.3360, 93.2716 by changing the saturation by 10% instead.

148.6470,
-34.3360, 93.2716

148.6470,
-34.3360, 93.2716

255.0000, 0.0000,
0.0000

119.9070,
-31.9992, 90.4126

187.2190,
-28.7020, 59.4439

91.2810, -29.2255,
87.4536

206.7330,
-25.0114, 42.3302

58.8450, -24.5736,
88.7129

226.8340,
-21.6102, 24.7016

38.8700, -19.1629,
79.9210

247.0490,
-17.7722, 6.9730

29.6010, -14.5933,
60.8629

253.1760, -6.9888,
1.5996

21.0440, -9.8817,
42.9344

12.3730, -5.6069,

25.1059

■ 0.0000, 0.0000,
0.0000

■ 148.6470,
-34.3360, 93.2716

■ 148.6470,
-34.3360, 93.2716

■ 133.4700,
-39.1787, 106.5818

■ 163.9380,
-29.0564, 79.8614

■ 117.5920,
-44.1689, 120.5068

■ 179.7020,
-24.5031, 66.0363

■ 102.4150,
-49.0116, 133.8170

■ 194.9930,
-19.2235, 52.6261

■ 100.8990,
-49.7432, 135.1466

■ 210.1700,
-14.3808, 39.3159

■ 225.4610, -9.1013,
25.9057

241.2250, -4.5479,
12.0807

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.



144.8070, -3.3559, 96.6393



148.6470, -34.3360, 93.2716



147.4620, -60.8668, 62.7388

Triad

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



148.6470, -34.3360, 93.2716



117.8580, -5.3530, -103.3615



123.6320, 64.7644, -99.6553

Complementary

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



148.6470, -34.3360, 93.2716



185.3530, 34.3360, -93.2716

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



148.6470, -34.3360, 93.2716



127.0290, 22.1707, -111.4044

Square

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



148.6470, -34.3360, 93.2716



135.9230, -43.8390, -32.3815



133.2820, 48.6680, -116.8883



158.5700, 46.0610, 19.6711

Rectangle

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



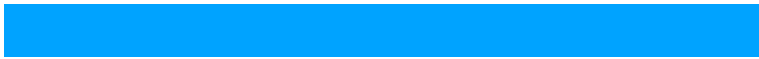
148.6470, -34.3360, 93.2716



144.2510, -71.1157, 36.6139



133.2820, 48.6680, -116.8883



124.7510, 64.2128, -109.4066

Sweetspot

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



148.6470, -34.3360, 93.2716



222.4290, -10.5645, 28.5648



148.7240, 39.5761, 93.2041



108.5030, -6.1640, 17.0989



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.



148.6470, -34.3360, 93.2716



126.9330, -41.3790, 112.3148



198.5420, -58.9342, 49.5137



120.0610, -2.4951, 6.9625



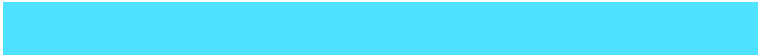
75.8930, -37.4152, 100.9488



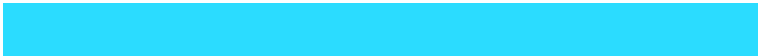
25.5930, -12.6173, 33.6829

Inverse Universe

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



185.3530, 34.3360, -93.2716



171.0670, 41.3790, -112.3148



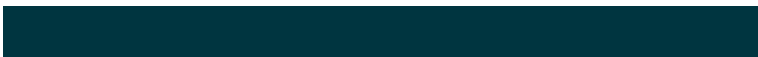
135.4580, 58.9342, -49.5137



122.3520, 2.7845, -6.4477



115.6940, 37.1259, -101.4636



38.4070, 12.6173, -33.6829

Previews

White Background



This preview shows how the YUV color 148.6470, -34.3360, 93.2716 looks on a white background.

Color Contrast Check

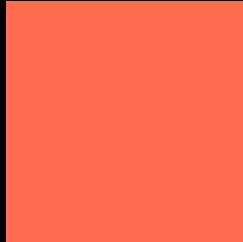
Large Text (above 18pt) WCAG AA × Fail

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 148.6470, -34.3360, 93.2716 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 148.6470, -34.3360, 93.2716

Background



This preview shows how black text looks on a background with the YUV color 148.6470, -34.3360, 93.2716.



This preview shows how white text looks on a background with the YUV color 148.6470, -34.3360, 93.2716.

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

148.6470, -34.3360, 93.2716

Protanopia

152.3460, -28.2716, 14.6056

Deuteranopia

151.7910, -39.8300, 35.2633



Tritanopia

150.6480, -19.0535, 91.5167

Trichromacy



Original Color

148.6470, -34.3360, 93.2716

Protanomaly

150.9520, -30.5423, 43.0151

Deuteranomaly

150.7920, -37.8585, 56.3104

Tritanomaly

149.8670, -24.5844, 92.2016

Monochromacy



Original Color

148.6470, -34.3360, 93.2716

Achromatopsia

149.0000, 0.0000, 0.0000

Achromatomaly

149.0060, -12.3280, 34.1977

CSS Examples

Text

The CSS property to change the color of the text to YUV 148.6470, -34.3360, 93.2716 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, 108, 79)` looks like.

```
.text, #text, p{  
    color:rgb(255, 108, 79)  
}
```

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, 108, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 108, 79) }
```

Border

The CSS property to change the border of an element to YUV 148.6470, -34.3360, 93.2716 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, 108, 79) }
```


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

```
.border{ border-color:rgb(255, 108, 79) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 108, 79)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 108, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 108, 79);  
box-shadow:4px 4px 4px 4px rgb(255, 108,  
79) }
```

Background

The CSS property to change the background color of an element to YUV 148.6470, -34.3360, 93.2716 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 108, 79) }
```

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

```
.background{ background-color: rgb(255,  
108, 79) }
```

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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