

Converting Colors

YUV(151.6620, -30.3994,
90.6274)

Have a look what the booklet for
YUV(151.6620, -30.3994, 90.6274)
contains.

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Color

**YUV(151.6620, -30.3994,
90.6274)**

Conversions

Conversions Part 1

Format	Color
Hex	FF6F5A
RGB	255, 111, 90
RGB Percent	100%, 44%, 35%
CMY	0.0000, 0.5647, 0.6471
CMYK	0.00, 0.56, 0.65, 0.00
HSL	8°, 100%, 68%
HSV	8°, 65%, 100%
XYZ	48.7699, 33.3671, 13.5429
YIQ	151.6620, 92.5650, 23.9970

Conversions

Conversions Part 2

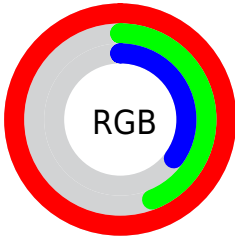
Format	Color
R _Y B	255, 114, 90
Decimal	16740186
CIE Lab	64.46, 53.49, 38.88
CIE LCh	64, 66.132, 36.014
Yxy	33.3671, 0.5097, 0.3487
Android (android.graphics.Color)	4294930266 (0xFFFF6F5A)
YUV	151.6620, -30.3994, 90.6274
Hunter-Lab	57.7642, 49.6188, 26.5344

Details

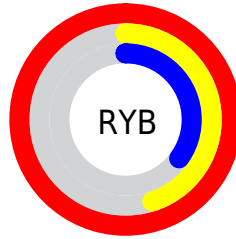
The YUV color **151.6620, -30.3994, 90.6274** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle muted orange. A complement of this color would be **193.3380, 30.3994, -90.6274**, and the grayscale version is **152.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **189.7610, -24.0392, 57.2146**, and **94.5950, -25.4363, 85.4242** is the 20% darker color. If you saturate the color by 10%, you get **135.8980, -34.9527, 104.4525**, and if you desaturate by 10%, it is **167.5400, -25.4092, 76.7024**.

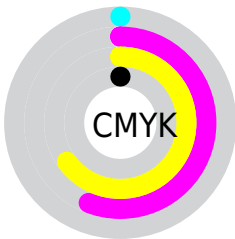
Distribution



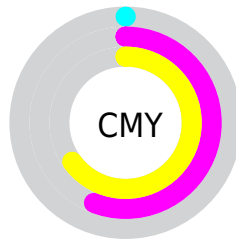
- Red (100%)
- Green (44%)
- Blue (35%)



- Red (100%)
- Yellow (45%)
- Blue (35%)



- Cyan (0%)
- Magenta (56%)
- Yellow (65%)
- Black (0%)





- Cyan (0%)
- Magenta (56%)
- Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the YUV color 151.6620, -30.3994, 90.6274 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 151.6620, -30.3994, 90.6274 by changing the saturation by 10% instead.


 151.6620,
-30.3994, 90.6274

 151.6620,
-30.3994, 90.6274


255.0000, 0.0000,
0.0000

 123.5090,
-28.3519, 87.2536


 189.7610,
-24.0392, 57.2146


 94.5950, -25.4363,
85.4242


 209.7480,
-21.0748, 39.6860


 64.0340, -21.2158,
85.0392


 229.9630,
-17.2368, 21.9574

 39.1690, -19.3103,
80.5358

 250.1780,
-13.3988, 4.2289

 29.9000, -14.7407,
61.4777

 254.5440, -1.7472,
0.3999

 21.3430, -10.0291,
43.5492

 12.6720, -5.7543,

25.7207

■ 0.0000, 0.0000,
0.0000

■ 151.6620,
-30.3994, 90.6274

■ 151.6620,
-30.3994, 90.6274

■ 135.8980,
-34.9527, 104.4525

■ 167.5400,
-25.4092, 76.7024

■ 119.4330,
-39.6535, 118.8923

■ 183.8910,
-21.1453, 62.3626

■ 103.6690,
-44.2068, 132.7173

■ 199.7690,
-16.1551, 48.4376

■ 95.0290, -46.8493,
140.2946

■ 215.5330,
-11.6018, 34.6126

■ 231.4110, -6.6116,
20.6876

247.7620, -2.3477,
6.3477

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.



150.5290, -1.7398, 91.6211



151.6620, -30.3994, 90.6274



150.7100, -53.5940, 63.3983

Triad

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



151.6620, -30.3994, 90.6274



118.3310, -6.0792, -103.7763



122.4030, 65.3703, -107.3474

Complementary

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



151.6620, -30.3994, 90.6274



193.3380, 30.3994, -90.6274

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.



131.7950, 60.7401, -115.5842



151.6620, -30.3994, 90.6274



127.0460, 19.6973, -111.4193

Square

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



151.6620, -30.3994, 90.6274



140.5650, -44.1555, -24.1745



132.9570, 44.8842, -116.6033



159.7000, 45.5039, 11.6641

Rectangle

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



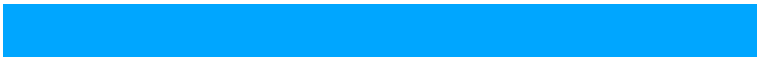
151.6620, -30.3994, 90.6274



147.9830, -64.5746, 38.6029



132.9570, 44.8842, -116.6033



126.5120, 63.3446, -110.9510

Sweetspot

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



151.6620, -30.3994, 90.6274



224.8740, -8.8119, 26.4205



155.9790, 39.4504, 86.8414



109.3180, -5.5798, 16.3841



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.



151.6620, -30.3994, 90.6274



130.1760, -36.5688, 109.4706



199.2090, -53.8400, 48.9287



119.4740, -2.2057, 7.4773



71.1970, -35.1001, 105.0672



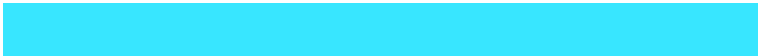
23.8320, -11.7492, 35.2273

Inverse Universe

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



193.3380, 30.3994, -90.6274



180.8240, 36.5688, -109.4706



145.7910, 53.8400, -48.9287



122.9390, 2.4951, -6.9625



119.8030, 35.1001, -105.0672



40.1680, 11.7492, -35.2273

Previews

White Background



This preview shows how the YUV color 151.6620, -30.3994, 90.6274 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 151.6620, -30.3994, 90.6274 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 151.6620, -30.3994, 90.6274 Background



This preview shows how black text looks on a background with the YUV color 151.6620, -30.3994, 90.6274.



This preview shows how white text looks on a background with the YUV color 151.6620, -30.3994,

90.6274.

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

151.6620, -30.3994, 90.6274

Protanopia

154.8880, -23.6088, 12.3762

Deuteranopia

154.3330, -35.1672, 33.0340



Tritanopia

153.3380, -18.9006, 89.1576

Trichromacy



Original Color

151.6620, -30.3994, 90.6274

Protanomaly

153.4940, -25.8795, 40.7858

Deuteranomaly

153.3340, -33.1957, 54.0811

Tritanomaly

152.8990, -23.1212, 89.5426

Monochromacy



Original Color

151.6620, -30.3994, 90.6274

Achromatopsia

152.0000, 0.0000, 0.0000

Achromatomaly

151.6360, -11.1595, 32.7682

CSS Examples

Text

The CSS property to change the color of the text to YUV 151.6620, -30.3994, 90.6274 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, 90)` looks like.

```
.text, #text, p{  
    color:rgb(255, 111, 90)  
}
```

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, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 111, 90) }
```

Border

The CSS property to change the border of an element to YUV 151.6620, -30.3994, 90.6274 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, 90) }
```


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

```
.border{ border-color:rgb(255, 111, 90) }
```

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, 90)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 111, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 111, 90);  
box-shadow:4px 4px 4px 4px rgb(255, 111,  
90) }
```

Background

The CSS property to change the background color of an element to YUV 151.6620, -30.3994, 90.6274 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, 90) }
```

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

```
.background{ background-color: rgb(255,  
111, 90) }
```

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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