

Converting Colors

YUV(146.0000, -33.0310,
94.7160)

Have a look what the booklet for
YUV(146.0000, -33.0310, 94.7160)
contains.

YUV(146.0000, -33.0310, 94.7160)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(146.0000, -33.0310,
94.7160)**

Conversions

Conversions Part 1

Format	Color
Hex	FE684F
RGB	254, 104, 79
RGB Percent	100%, 41%, 31%
CMY	0.0039, 0.5922, 0.6902
CMYK	0.00, 0.59, 0.69, 0.00
HSL	9°, 99%, 65%
HSV	9°, 69%, 100%
XYZ	47.2346, 31.5360, 10.9946
YIQ	146.0000, 97.4250, 24.0250

Conversions

Conversions Part 2

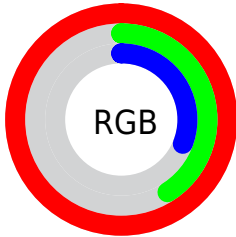
Format	Color
RYB	254, 108, 79
Decimal	16672847
CIELab	62.96, 55.71, 43.00
CIELCh	63, 70.376, 37.663
Yxy	31.5360, 0.5262, 0.3513
Android (android.graphics.Color)	4294862927 (0xFFFE684F)
YUV	146.0000, -33.0310, 94.7160
Hunter-Lab	56.1569, 51.8652, 27.7018

Details

The YUV color **146.0000, -33.0310, 94.7160** is a dark color, and the websafe version is hex **FF6666**. The color can be described as middle washed orange. A complement of this color would be **187.0000, 33.0310, -94.7160**, and the grayscale version is **146.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **184.8710, -27.5444, 61.5031**, and **88.1610, -27.1944, 89.3128** is the 20% darker color. If you saturate the color by 10%, you get **130.2360, -37.5843, 108.5410**, and if you desaturate by 10%, it is **161.7640, -28.4777, 80.8910**.

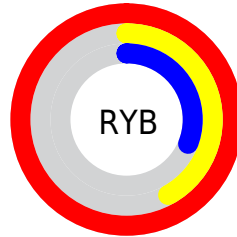
Distribution



Red (100%)

Green (41%)

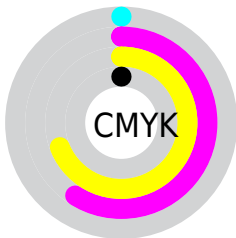
Blue (31%)



Red (100%)

Yellow (42%)

Blue (31%)

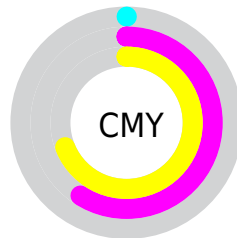


Cyan (0%)

Magenta (59%)

Yellow (69%)

Black (0%)



Cyan (0%)

Magenta (59%)

Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YUV color 146.0000, -33.0310, 94.7160 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 146.0000, -33.0310, 94.7160 by changing the saturation by 10% instead.

146.0000,
-33.0310, 94.7160

146.0000,
-33.0310, 94.7160

255.0000, 0.0000,
0.0000

117.2600,
-30.6942, 91.8570

184.8710,
-27.5444, 61.5031

88.1610, -27.1944,
89.3128

204.2710,
-24.2906, 44.4893

51.6160, -20.5167,
94.1758

224.3720,
-20.8894, 26.8608

38.2720, -18.8681,
78.6915

244.5870,
-17.0514, 9.1322

29.3020, -14.4459,
60.2481

253.1760, -6.9888,
1.5996

20.7450, -9.7343,
42.3196

11.7750, -5.3121,

23.8763

■ 0.0000, 0.0000,
0.0000

■ 146.0000,
-33.0310, 94.7160

■ 146.0000,
-33.0310, 94.7160

■ 130.2360,
-37.5843, 108.5410

■ 161.7640,
-28.4777, 80.8910

■ 114.3580,
-42.5745, 122.4660

■ 177.6420,
-23.4875, 66.9660

■ 99.1810, -47.4172,
135.7763

■ 192.8190,
-18.6448, 53.6557

■ 97.0780, -47.8595,
137.6206

■ 208.6970,
-13.6546, 39.7307

■ 224.4610, -9.1013,
25.9057

240.2250, -4.5479,
12.0807

254.7010, 0.1474,
-0.6148

Harmonies

Analogous

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



143.1600, -2.0509, 98.0837



146.0000, -33.0310, 94.7160



145.4730, -60.8722, 64.4832

Triad

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



146.0000, -33.0310, 94.7160



116.1140, -6.9582, -101.8320



120.0550, 66.5279, -105.2882

Complementary

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



146.0000, -33.0310, 94.7160



187.0000, 33.0310, -94.7160

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.



130.0340, 61.6082, -114.0398



146.0000, -33.0310, 94.7160



125.2850, 20.5655, -109.8749

Square

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



146.0000, -33.0310, 94.7160



134.2500, -46.4652, -30.0373



131.6520, 47.4996, -115.4588



155.8900, 47.3822, 15.8825

Rectangle

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



146.0000, -33.0310, 94.7160



142.4900, -70.2476, 38.1583



131.6520, 47.4996, -115.4588



123.5770, 64.7915, -108.3770

Sweetspot

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



146.0000, -33.0310, 94.7160



221.8420, -10.2751, 29.0796



148.6530, 40.5971, 92.3893



107.9160, -5.8746, 17.6137



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.



146.0000, -33.0310, 94.7160



124.5850, -40.2214, 114.3740



196.4820, -57.9186, 50.4433



120.0610, -2.4951, 6.9625



72.9580, -35.9683, 103.5228



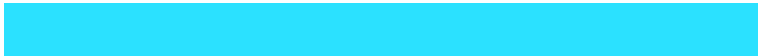
24.4190, -12.0386, 34.7125

Inverse Universe

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



187.0000, 33.0310, -94.7160



174.0020, 39.9320, -114.8888



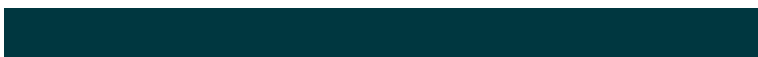
136.5180, 57.9186, -50.4433



122.9390, 2.4951, -6.9625



118.0420, 35.9683, -103.5228



39.5810, 12.0386, -34.7125

Previews

White Background



This preview shows how the YUV color 146.0000, -33.0310, 94.7160 looks on a white background.

Color Contrast Check

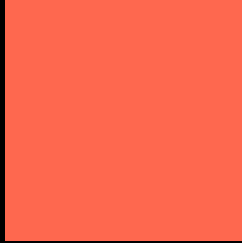
Large Text (above 18pt) WCAG AA × Fail

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 146.0000, -33.0310, 94.7160 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 146.0000, -33.0310, 94.7160

Background



This preview shows how black text looks on a background with the YUV color 146.0000, -33.0310, 94.7160.



This preview shows how white text looks on a background with the YUV color 146.0000, -33.0310, 94.7160.

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

146.0000, -33.0310, 94.7160

Protanopia

150.3890, -26.8138, 13.6908

Deuteranopia

149.7200, -38.8090, 34.4486



Tritanopia

147.7300, -20.0799, 94.0758

Trichromacy



Original Color

146.0000, -33.0310, 94.7160

Protanomaly

148.7070, -28.9426, 43.2300

Deuteranomaly

148.4330, -36.6955, 56.6253

Tritanomaly

147.1770, -24.7373, 94.5608

Monochromacy



Original Color

146.0000, -33.0310, 94.7160

Achromatopsia

146.0000, 0.0000, 0.0000

Achromatomaly

146.1200, -11.8912, 34.0978

CSS Examples

Text

The CSS property to change the color of the text to YUV 146.0000, -33.0310, 94.7160 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(254, 104, 79)` looks like.

```
.text, #text, p{  
    color:rgb(254, 104, 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(254, 104, 79) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 104, 79) }
```

Border

The CSS property to change the border of an element to YUV 146.0000, -33.0310, 94.7160 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(254, 104, 79) }
```


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

```
.border{ border-color:rgb(254, 104, 79) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 104, 79)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 104, 79); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 104, 79);  
box-shadow:4px 4px 4px 4px rgb(254, 104,  
79) }
```

Background

The CSS property to change the background color of an element to YUV 146.0000, -33.0310, 94.7160 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 104, 79) }
```

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

```
.background{ background-color: rgb(254,  
104, 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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