

Converting Colors

YUV(162.7980, -33.4244,
80.8612)

Have a look what the booklet for
YUV(162.7980, -33.4244, 80.8612)
contains.

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Color

**YUV(162.7980, -33.4244,
80.8612)**

Conversions

Conversions Part 1

Format	Color
Hex	FF815F
RGB	255, 129, 95
RGB Percent	100%, 51%, 37%
CMY	0.0000, 0.4941, 0.6275
CMYK	0.00, 0.49, 0.63, 0.00
HSL	13°, 100%, 69%
HSV	13°, 63%, 100%
XYZ	51.1558, 37.7867, 15.4238
YIQ	162.7980, 86.0100, 16.1380

Conversions

Conversions Part 2

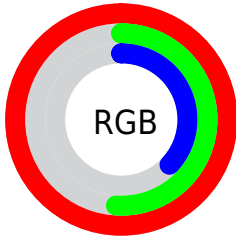
Format	Color
R _Y B	255, 138, 95
Decimal	16744799
CIE Lab	67.86, 45.23, 40.33
CIE LCh	68, 60.605, 41.722
Yxy	37.7867, 0.4902, 0.3621
Android (android.graphics.Color)	4294934879 (0xFFFF815F)
YUV	162.7980, -33.4244, 80.8612
Hunter-Lab	61.4709, 40.9728, 28.1530

Details

The YUV color **162.7980, -33.4244, 80.8612** is a light color, and the websafe version is hex **FF9966**. The color can be described as light muted orange. A complement of this color would be **187.2020, 33.4244, -80.8612**, and the grayscale version is **163.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **200.8970, -27.0642, 47.4483**, and **107.6770, -29.9138, 74.8283** is the 20% darker color. If you saturate the color by 10%, you get **148.0940, -38.9933, 93.7566**, and if you desaturate by 10%, it is **177.5020, -27.8555, 67.9657**.

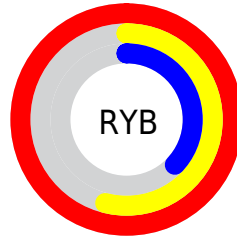
Distribution



Red (100%)

Green (51%)

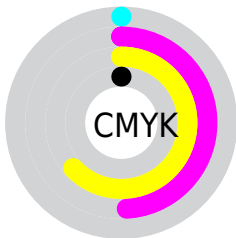
Blue (37%)



Red (100%)

Yellow (54%)

Blue (37%)

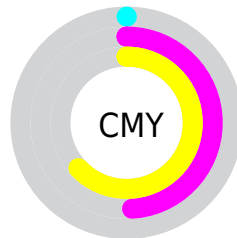


Cyan (0%)

Magenta (49%)

Yellow (63%)

Black (0%)



Cyan (0%)

Magenta (49%)

Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the YUV color 162.7980, -33.4244, 80.8612 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 162.7980, -33.4244, 80.8612 by changing the saturation by 10% instead.

162.7980,
-33.4244, 80.8612

162.7980,
-33.4244, 80.8612

255.0000, 0.0000,
0.0000

134.9440,
-31.5244, 78.1021

200.8970,
-27.0642, 47.4483

107.6770,
-29.9138, 74.8283

220.4110,
-23.3736, 30.3346

80.6380, -27.4295,
71.3545

240.6260,
-19.5356, 12.6060

51.2080, -25.2455,
70.8546

252.0360,
-11.3567, 2.5994

30.4980, -15.0355,
62.7073

21.8270, -10.7607,
44.8787

14.2810, -6.0545,

28.6946

■ 0.0000, 0.0000,
0.0000

■ 162.7980,
-33.4244, 80.8612

■ 162.7980,
-33.4244, 80.8612

■ 148.0940,
-38.9933, 93.7566

■ 177.5020,
-27.8555, 67.9657

■ 133.5040,
-44.1255, 106.5520

■ 192.0920,
-22.7234, 55.1703

■ 118.8000,
-49.6944, 119.4474

■ 206.7960,
-17.1544, 42.2749

■ 107.9430,
-53.2159, 128.9690

■ 221.3860,
-12.0223, 29.4795

■ 236.0900, -6.4534,
16.5841

250.6800, -1.3212,
3.7886

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.



160.3940, -7.0962, 82.9695



162.7980, -33.4244, 80.8612



160.9260, -51.2355, 53.5619

Triad

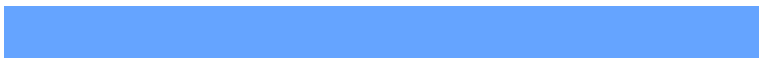
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



162.7980, -33.4244, 80.8612



126.2360, 1.3627, -110.7090



155.5370, 49.0353, -47.8289

Complementary

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



162.7980, -33.4244, 80.8612



187.2020, 33.4244, -80.8612

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.



135.3170, 59.0037, -118.6730



162.7980, -33.4244, 80.8612



133.9080, 25.6814, -117.4373

Square

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



162.7980, -33.4244, 80.8612



149.9260, -34.9665, -31.5071



137.9610, 48.8262, -120.9918



170.2300, 38.3406, 22.6003

Rectangle

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



162.7980, -33.4244, 80.8612



159.0340, -55.2328, 28.9112



137.9610, 48.8262, -120.9918



138.4280, 57.4700, -93.3374

Sweetspot

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



162.7980, -33.4244, 80.8612



227.2220, -9.9694, 24.3613



157.4320, 32.3250, 85.5671



110.4920, -6.1586, 15.3545



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.



162.7980, -33.4244, 80.8612



144.5890, -39.7304, 96.8304



208.5840, -55.9969, 40.7068



120.0610, -2.4951, 6.9625



81.1760, -40.0198, 96.3156



27.3540, -13.4855, 32.1385

Inverse Universe

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



187.2020, 33.4244, -80.8612



173.8240, 40.0198, -96.3156



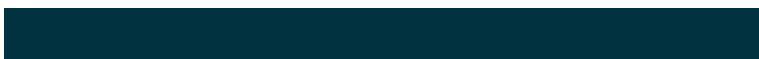
141.4160, 55.9969, -40.7068



122.3520, 2.7845, -6.4477



110.4110, 39.7304, -96.8304



36.6460, 13.4855, -32.1385

Previews

White Background



This preview shows how the YUV color 162.7980, -33.4244, 80.8612 looks on a white background.

Color Contrast Check

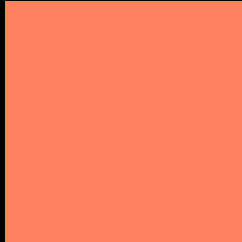
Large Text (above 18pt) WCAG AA × Fail

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 162.7980, -33.4244, 80.8612 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 162.7980, -33.4244, 80.8612

Background



This preview shows how black text looks on a background with the YUV color 162.7980, -33.4244, 80.8612.



This preview shows how white text looks on a background with the YUV color 162.7980, -33.4244, 80.8612.

80.8612.

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

162.7980, -33.4244, 80.8612

Protanopia

163.6880, -26.9612, 14.3056

Deuteranopia

163.5890, -36.7724, 34.5634



Tritanopia

165.4830, -15.5211, 78.5064

Trichromacy



Original Color

162.7980, -33.4244, 80.8612

Protanomaly

163.5600, -29.3631, 38.0969

Deuteranomaly

163.0410, -35.5162, 51.7070

Tritanomaly

164.4740, -21.9257, 79.3913

Monochromacy



Original Color

162.7980, -33.4244, 80.8612

Achromatopsia

163.0000, 0.0000, 0.0000

Achromatomaly

162.9730, -12.3117, 28.9647

CSS Examples

Text

The CSS property to change the color of the text to YUV 162.7980, -33.4244, 80.8612 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, 129, 95)` looks like.

```
.text, #text, p{  
    color:rgb(255, 129, 95)  
}
```

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, 129, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 129, 95) }
```

Border

The CSS property to change the border of an element to YUV 162.7980, -33.4244, 80.8612 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, 129, 95) }
```


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

```
.border{ border-color:rgb(255, 129, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 129, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 129, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 129, 95);  
box-shadow:4px 4px 4px 4px rgb(255, 129,  
95) }
```

Background

The CSS property to change the background color of an element to YUV 162.7980, -33.4244, 80.8612 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 129, 95) }
```

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

```
.background{ background-color: rgb(255,  
129, 95) }
```

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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