

Converting Colors

YUV(163.5740, -33.8070,
63.5176)

Have a look what the booklet for
YUV(163.5740, -33.8070, 63.5176)
contains.

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Color

**YUV(163.5740, -33.8070,
63.5176)**

Conversions

Conversions Part 1

Format	Color
Hex	EC8C5F
RGB	236, 140, 95
RGB Percent	93%, 55%, 37%
CMY	0.0745, 0.4510, 0.6275
CMYK	0.00, 0.41, 0.60, 0.07
HSL	19°, 79%, 65%
HSV	19°, 60%, 93%
XYZ	46.0357, 37.4153, 15.6220
YIQ	163.5740, 71.6610, 6.3570

Conversions

Conversions Part 2

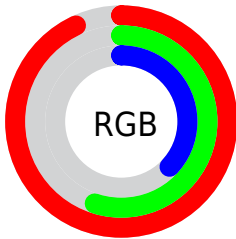
Format	Color
R _Y B	236, 161, 95
Decimal	15502431
CIE Lab	67.59, 32.37, 39.41
CIE LCh	68, 51.006, 50.601
Yxy	37.4153, 0.4647, 0.3777
Android (android.graphics.Color)	4293692511 (0xFFEC8C5F)
YUV	163.5740, -33.8070, 63.5176
Hunter-Lab	61.1680, 27.2970, 27.6753

Details

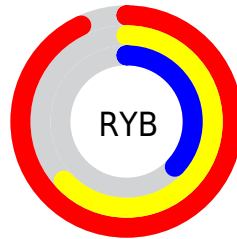
The YUV color **163.5740, -33.8070, 63.5176** is a light color, and the websafe version is hex **FF9966**. The color can be described as light muted orange. A complement of this color would be **167.4260, 33.8070, -63.5176**, and the grayscale version is **164.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **206.7670, -29.9581, 42.3003**, and **110.2250, -31.1699, 57.6847** is the 20% darker color. If you saturate the color by 10%, you get **151.4460, -39.6599, 74.1539**, and if you desaturate by 10%, it is **175.7020, -27.9541, 52.8813**.

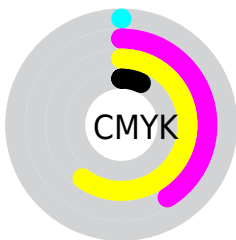
Distribution



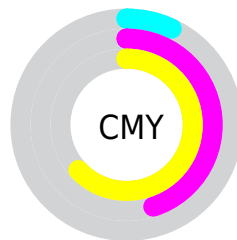
- Red (93%)
- Green (55%)
- Blue (37%)



- Red (93%)
- Yellow (63%)
- Blue (37%)



- Cyan (0%)
- Magenta (41%)
- Yellow (60%)
- Black (7%)



- Cyan (7%)
- Magenta (45%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the YUV color 163.5740, -33.8070, 63.5176 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 163.5740, -33.8070, 63.5176 by changing the saturation by 10% instead.

163.5740,
-33.8070, 63.5176

163.5740,
-33.8070, 63.5176

255.0000, 0.0000,
0.0000

136.6060,
-32.3438, 60.8585

206.7670,
-29.9581, 42.3003

110.2250,
-31.1699, 57.6847

226.8680,
-26.5569, 24.6718

83.9580, -29.5593,
54.4108

246.4960,
-22.4295, 7.4580

58.4630, -28.8223,
51.3369

252.0360,
-11.3567, 2.5994

34.8290, -17.1707,
47.5080

18.2390, -8.9918,
37.5014

10.8780, -4.8699,

22.0320

■ 0.0000, 0.0000,
0.0000

■ 163.5740,
-33.8070, 63.5176

■ 163.5740,
-33.8070, 63.5176

■ 151.4460,
-39.6599, 74.1539

■ 175.7020,
-27.9541, 52.8813

■ 139.4320,
-45.0760, 84.6901

■ 187.7160,
-22.5380, 42.3451

■ 127.3040,
-50.9289, 95.3264

■ 199.8440,
-16.6851, 31.7088

■ 115.2900,
-56.3450, 105.8627

■ 211.8580,
-11.2690, 21.1725

■ 114.5890,
-56.4924, 106.4774

■ 223.9860, -5.4161,
10.5363

■ 236.1140, 0.4368,
-0.1000

■ 247.5580, 3.6689,
-10.1364

■ 249.3190, 2.8007,
-11.6808

Harmonies

Analogous

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



164.9880, -14.7841, 75.4325



163.5740, -33.8070, 63.5176



161.2490, -44.4928, 37.4926

Triad

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



163.5740, -33.8070, 63.5176



126.6410, 10.5300, -111.0642



164.4160, 42.6859, -17.9048

Complementary

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



163.5740, -33.8070, 63.5176



167.4260, 33.8070, -63.5176

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.



131.5070, 60.8820, -114.4546



163.5740, -33.8070, 63.5176



132.7000, 31.2069, -116.3779

Square

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



163.5740, -33.8070, 63.5176



150.3840, -22.8673, -38.9248



134.7980, 49.3996, -118.2178



169.4950, 26.3780, 32.8919

Rectangle

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



163.5740, -33.8070, 63.5176



158.6330, -43.6961, 15.2309



134.7980, 49.3996, -118.2178



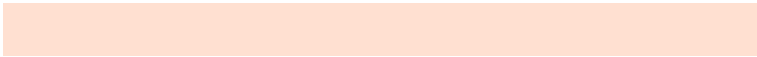
159.7230, 46.9716, -39.2221

Sweetspot

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



163.5740, -33.8070, 63.5176



231.5590, -11.1216, 20.5578



148.1030, 21.1482, 77.0857



112.9540, -6.8793, 13.1953



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.



163.5740, -33.8070, 63.5176



160.6490, -44.1970, 82.7458



204.6640, -54.0644, 27.4817



111.0500, -2.4896, 5.2182



88.1650, -43.4653, 81.4163



26.1250, -12.8796, 24.4464

Inverse Universe

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



167.4260, 33.8070, -63.5176



165.3510, 44.1970, -82.7458



126.3360, 54.0644, -27.4817



111.9500, 2.4897, -5.2181



92.8350, 43.4653, -81.4163



27.2880, 13.1690, -23.9316

Previews

White Background



This preview shows how the YUV color 163.5740, -33.8070, 63.5176 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 163.5740, -33.8070, 63.5176 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

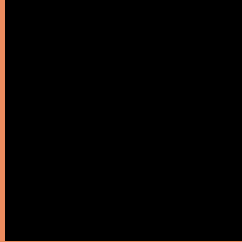
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 163.5740, -33.8070, 63.5176

Background



This preview shows how black text looks on a background with the YUV color 163.5740, -33.8070, 63.5176.



This preview shows how white text looks on a background with the YUV color 163.5740, -33.8070,

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

163.5740, -33.8070, 63.5176

Protanopia

162.5310, -28.8558, 15.3203

Deuteranopia

162.9310, -35.4620, 34.2635



Tritanopia

166.5350, -11.1098, 63.5518

Trichromacy



Original Color

163.5740, -33.8070, 63.5176

Protanomaly

162.8860, -30.5098, 32.5490

Deuteranomaly

163.1110, -35.0577, 44.6297

Tritanomaly

165.3580, -19.4035, 63.7070

Monochromacy



Original Color

163.5740, -33.8070, 63.5176

Achromatopsia

164.0000, 0.0000, 0.0000

Achromatomaly

163.6410, -12.1480, 23.1168

CSS Examples

Text

The CSS property to change the color of the text to YUV 163.5740, -33.8070, 63.5176 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(236, 140, 95)` looks like.

```
.text, #text, p{  
    color:rgb(236, 140, 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(236, 140, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 140, 95) }
```

Border

The CSS property to change the border of an element to YUV 163.5740, -33.8070, 63.5176 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(236, 140, 95) }
```


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

```
.border{ border-color:rgb(236, 140, 95) }
```

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

Here you see how a box with a 4 pixel rgb(236, 140, 95) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 140, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 140, 95);  
box-shadow:4px 4px 4px 4px rgb(236, 140,  
95) }
```

Background

The CSS property to change the background color of an element to YUV 163.5740, -33.8070, 63.5176 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 140, 95) }
```

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

```
.background{ background-color: rgb(236,  
140, 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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