

Converting Colors

YUV(158.2550, -36.6077,
75.1984)

Have a look what the booklet for
YUV(158.2550, -36.6077, 75.1984)
contains.

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Color

**YUV(158.2550, -36.6077,
75.1984)**

Conversions

Conversions Part 1

Format	Color
Hex	F48154
RGB	244, 129, 84
RGB Percent	96%, 51%, 33%
CMY	0.0431, 0.4941, 0.6706
CMYK	0.00, 0.47, 0.66, 0.04
HSL	17°, 88%, 64%
HSV	17°, 66%, 96%
XYZ	46.7587, 35.5737, 12.7895
YIQ	158.2550, 82.9850, 10.3850

Conversions

Conversions Part 2

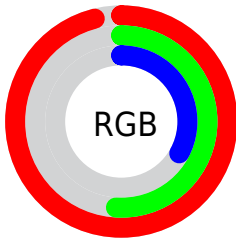
Format	Color
RYB	244, 147, 84
Decimal	16023892
CIELab	66.19, 40.43, 43.76
CIElCh	66, 59.581, 47.268
Yxy	35.5737, 0.4916, 0.3740
Android (android.graphics.Color)	4294213972 (0xFFFF48154)
YUV	158.2550, -36.6077, 75.1984
Hunter-Lab	59.6437, 35.5617, 29.0370

Details

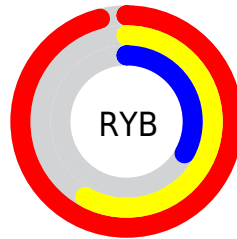
The YUV color **158.2550, -36.6077, 75.1984** is a light color, and the websafe version is hex **FF9966**. The color can be described as light muted orange. A complement of this color would be **169.7450, 36.6077, -75.1984**, and the grayscale version is **159.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **199.0560, -31.5796, 49.0629**, and **103.7210, -33.3865, 68.6507** is the 20% darker color. If you saturate the color by 10%, you get **144.9530, -41.8818, 86.8642**, and if you desaturate by 10%, it is **171.5570, -31.3336, 63.5325**.

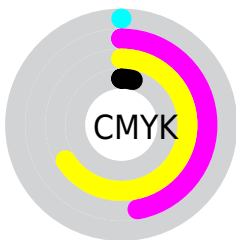
Distribution



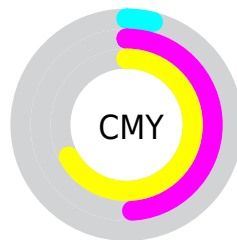
- Red (96%)
- Green (51%)
- Blue (33%)



- Red (96%)
- Yellow (58%)
- Blue (33%)



- Cyan (0%)
- Magenta (47%)
- Yellow (66%)
- Black (4%)



- Cyan (4%)
- Magenta (49%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YUV color 158.2550, -36.6077, 75.1984 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 158.2550, -36.6077, 75.1984 by changing the saturation by 10% instead.

158.2550,
-36.6077, 75.1984

158.2550,
-36.6077, 75.1984

255.0000, 0.0000,
0.0000

130.9880,
-34.9971, 71.9245

199.0560,
-31.5796, 49.0629

103.7210,
-33.3865, 68.6507

219.0430,
-28.6152, 31.5343

76.7530, -31.9232,
65.9916

238.6710,
-24.4878, 14.3205

50.5660, -24.9290,
62.6476

250.6680,
-16.5983, 3.7992

27.8070, -13.7089,
57.1743

253.9740, -3.9312,
0.8998

19.1360, -9.4340,
39.3457

11.4760, -5.1647,

23.2615

■ 0.0000, 0.0000,
0.0000

■ 158.2550,
-36.6077, 75.1984

■ 158.2550,
-36.6077, 75.1984

■ 144.9530,
-41.8818, 86.8642

■ 171.5570,
-31.3336, 63.5325

■ 132.1240,
-47.8821, 98.1153

■ 184.3860,
-25.3333, 52.2815

■ 118.8220,
-53.1562, 109.7811

■ 197.6880,
-20.0592, 40.6156

■ 113.4590,
-55.9353, 114.4845

■ 210.5170,
-14.0589, 29.3646

■ 223.8190, -8.7848,
17.6987

236.5340, -3.2213,
6.5477

249.9500, 2.4897,
-5.2181

251.7110, 1.6215,
-6.7625

Harmonies

Analogous

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



157.6240, -12.6326, 85.3988



158.2550, -36.6077, 75.1984



156.2410, -52.3768, 46.2696

Triad

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



158.2550, -36.6077, 75.1984



124.0990, 5.8672, -108.8348



156.8210, 48.4022, -31.4150

Complementary

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



158.2550, -36.6077, 75.1984



169.7450, 36.6077, -75.1984

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



158.2550, -36.6077, 75.1984



131.5430, 29.3123, -115.3632

Square

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



158.2550, -36.6077, 75.1984



143.6520, -29.4084, -40.9138



134.5530, 50.9994, -118.0030



166.0310, 33.5087, 32.4218

Rectangle

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



158.2550, -36.6077, 75.1984



153.1470, -53.3165, 20.9191



134.5530, 50.9994, -118.0030



147.1760, 53.1572, -63.2984

Sweetspot

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



158.2550, -36.6077, 75.1984



227.4670, -11.5692, 24.1464



145.1780, 27.5202, 86.6669



111.5520, -7.1741, 14.4249



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.



158.2550, -36.6077, 75.1984



146.9710, -45.8347, 94.7414



204.0410, -59.1802, 35.0440



115.9360, -2.9264, 5.3181



86.1380, -42.4660, 87.5790



27.0330, -13.3273, 28.0351

Inverse Universe

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



169.7450, 36.6077, -75.1984



161.4420, 46.1241, -94.2266



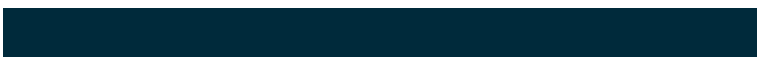
123.9590, 59.1802, -35.0440



116.6510, 2.6371, -5.8329



99.8620, 42.4660, -87.5790



31.3800, 13.6167, -27.5203

Previews

White Background



This preview shows how the YUV color 158.2550, -36.6077, 75.1984 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 158.2550, -36.6077, 75.1984 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 158.2550, -36.6077, 75.1984 Background



This preview shows how black text looks on a background with the YUV color 158.2550, -36.6077, 75.1984.



This preview shows how white text looks on a background with the YUV color 158.2550, -36.6077, 75.1984.

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

158.2550, -36.6077, 75.1984

Protanopia

158.2600, -31.1872, 16.4350

Deuteranopia

158.9050, -39.3932, 35.1633



Tritanopia

161.1020, -14.3473, 75.3325

Trichromacy



Original Color

158.2550, -36.6077, 75.1984

Protanomaly

157.9360, -32.9994, 37.7671

Deuteranomaly

158.6340, -38.2736, 49.4330

Tritanomaly

160.0390, -22.2042, 75.3878

Monochromacy



Original Color

158.2550, -36.6077, 75.1984

Achromatopsia

158.0000, 0.0000, 0.0000

Achromatomaly

157.7340, -13.1799, 27.4203

CSS Examples

Text

The CSS property to change the color of the text to YUV 158.2550, -36.6077, 75.1984 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(244, 129, 84)` looks like.

```
.text, #text, p{  
    color:rgb(244, 129, 84)  
}
```

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(244, 129, 84) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 129, 84) }
```

Border

The CSS property to change the border of an element to YUV 158.2550, -36.6077, 75.1984 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(244, 129, 84) }
```


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

```
.border{ border-color:rgb(244, 129, 84) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 129, 84)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 129, 84); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 129, 84);  
box-shadow:4px 4px 4px 4px rgb(244, 129,  
84) }
```

Background

The CSS property to change the background color of an element to YUV 158.2550, -36.6077, 75.1984 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 129, 84) }
```

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

```
.background{ background-color: rgb(244,  
129, 84) }
```

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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