

Converting Colors

YUV(154.6130, -32.8402,
80.1464)

Have a look what the booklet for
YUV(154.6130, -32.8402, 80.1464)
contains.

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Color

**YUV(154.6130, -32.8402,
80.1464)**

Conversions

Conversions Part 1

Format	Color
Hex	F67958
RGB	246, 121, 88
RGB Percent	96%, 47%, 35%
CMY	0.0353, 0.5255, 0.6549
CMYK	0.00, 0.51, 0.64, 0.04
HSL	13°, 90%, 65%
HSV	13°, 64%, 96%
XYZ	46.6049, 33.9722, 13.3335
YIQ	154.6130, 85.0930, 16.2370

Conversions

Conversions Part 2

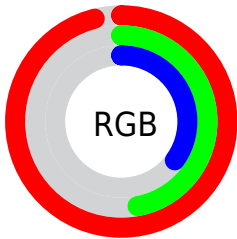
Format	Color
R_{YB}	246, 130, 88
Decimal	16152920
CIE _{Lab}	64.94, 45.40, 40.24
CIE _{LCh}	65, 60.660, 41.552
Yxy	33.9722, 0.4963, 0.3618
Android (android.graphics.Color)	4294343000 (0xFFFF67958)
YUV	154.6130, -32.8402, 80.1464
Hunter-Lab	58.2856, 40.7277, 27.2367

Details

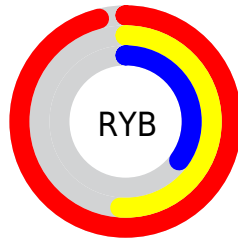
The YUV color **154.6130, -32.8402, 80.1464** is a light color, and the websafe version is hex **FF9966**. The color can be described as light muted orange. A complement of this color would be **179.3870, 32.8402, -80.1464**, and the grayscale version is **155.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **195.4030, -27.8067, 52.2666**, and **99.6060, -28.8928, 74.0135** is the 20% darker color. If you saturate the color by 10%, you get **140.6100, -38.2617, 92.4270**, and if you desaturate by 10%, it is **168.6160, -27.4187, 67.8658**.

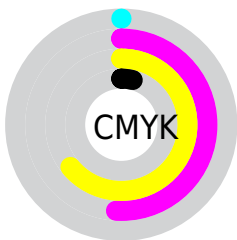
Distribution



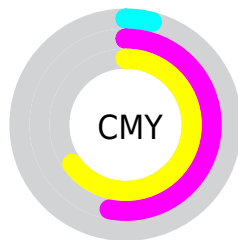
- Red (96%)
- Green (47%)
- Blue (35%)



- Red (96%)
- Yellow (51%)
- Blue (35%)



- Cyan (0%)
- Magenta (51%)
- Yellow (64%)
- Black (4%)



- Cyan (4%)
- Magenta (53%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the YUV color 154.6130, -32.8402, 80.1464 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 154.6130, -32.8402, 80.1464 by changing the saturation by 10% instead.

154.6130,
-32.8402, 80.1464

154.6130,
-32.8402, 80.1464

255.0000, 0.0000,
0.0000

126.7590,
-30.9402, 77.3874

195.4030,
-27.8067, 52.2666

99.6060, -28.8928,
74.0135

214.8030,
-24.5529, 35.2528

72.1650, -26.7033,
71.7693

235.0180,
-20.7149, 17.5242

41.1850, -20.3042,
72.6288

251.1240,
-14.8511, 3.3993

28.1060, -13.8563,
57.7890

254.3160, -2.6208,
0.5999

19.4350, -9.5815,
39.9605

11.1770, -5.0173,

22.6468

■ 0.0000, 0.0000,
0.0000

■ 154.6130,
-32.8402, 80.1464

■ 154.6130,
-32.8402, 80.1464

■ 140.6100,
-38.2617, 92.4270

■ 168.6160,
-27.4187, 67.8658

■ 126.1340,
-42.9571, 105.1225

■ 183.0920,
-22.7234, 55.1703

■ 112.1310,
-48.3786, 117.4031

■ 197.0950,
-17.3018, 42.8897

■ 103.4910,
-51.0211, 124.9804

■ 211.5710,
-12.6065, 30.1942

■ 225.5740, -7.1850,
17.9136

240.1640, -2.0529,
5.1182

252.3090, 1.3267,
-5.5330

Harmonies

Analogous

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



154.9000, -7.8387, 87.7877



154.6130, -32.8402, 80.1464



153.5130, -51.5249, 53.0471

Triad

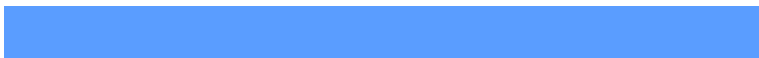
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



154.6130, -32.8402, 80.1464



120.0410, 0.4728, -105.2760



148.1390, 52.6825, -50.9879

Complementary

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



154.6130, -32.8402, 80.1464



179.3870, 32.8402, -80.1464

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



154.6130, -32.8402, 80.1464



128.3000, 24.5021, -112.5191

Square

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



154.6130, -32.8402, 80.1464



142.2250, -35.1139, -30.8923



132.2390, 47.2102, -115.9736



162.1160, 37.9038, 22.7003

Rectangle

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



154.6130, -32.8402, 80.1464



150.6210, -55.5222, 28.3964



132.2390, 47.2102, -115.9736



124.7510, 64.2128, -109.4066

Sweetspot

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



154.6130, -32.8402, 80.1464



227.2220, -9.9694, 24.3613



149.6060, 31.7462, 84.5375



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.



154.6130, -32.8402, 80.1464



141.6710, -40.7568, 99.3895



200.3990, -55.4127, 39.9921



115.3490, -2.6371, 5.8329



78.5070, -38.7040, 94.2714



24.6850, -12.1697, 30.0943

Inverse Universe

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



179.3870, 32.8402, -80.1464



172.3290, 40.7568, -99.3895



133.6010, 55.4127, -39.9921



117.2380, 2.3477, -6.3477



107.4930, 38.7040, -94.2714



33.7280, 12.4591, -29.5795

Previews

White Background



This preview shows how the YUV color 154.6130, -32.8402, 80.1464 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 154.6130, -32.8402, 80.1464 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 154.6130, -32.8402, 80.1464

Background



This preview shows how black text looks on a background with the YUV color 154.6130, -32.8402, 80.1464.



This preview shows how white text looks on a background with the YUV color 154.6130, -32.8402, 80.1464.

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

154.6130, -32.8402, 80.1464

Protanopia

155.8020, -26.5244, 14.2056

Deuteranopia

155.9910, -36.4776, 33.3339



Tritanopia

156.3800, -15.9633, 80.3507

Trichromacy



Original Color

154.6130, -32.8402, 80.1464

Protanomaly

155.6740, -28.9263, 37.9969

Deuteranomaly

155.4430, -35.2214, 50.4775

Tritanomaly

155.7730, -22.0731, 80.0061

Monochromacy



Original Color

154.6130, -32.8402, 80.1464

Achromatopsia

155.0000, 0.0000, 0.0000

Achromatomaly

155.0870, -11.8749, 28.8647

CSS Examples

Text

The CSS property to change the color of the text to YUV 154.6130, -32.8402, 80.1464 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(246, 121, 88)` looks like.

```
.text, #text, p{  
    color:rgb(246, 121, 88)  
}
```

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(246, 121, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 121, 88) }
```

Border

The CSS property to change the border of an element to YUV 154.6130, -32.8402, 80.1464 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(246, 121, 88) }
```


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

```
.border{ border-color:rgb(246, 121, 88) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 121, 88)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 121, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 121, 88);  
box-shadow:4px 4px 4px 4px rgb(246, 121,  
88) }
```

Background

The CSS property to change the background color of an element to YUV 154.6130, -32.8402, 80.1464 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 121, 88) }
```

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

```
.background{ background-color: rgb(246,  
121, 88) }
```

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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