

Converting Colors

YUV(130.3740, -50.4704,
88.2490)

Have a look what the booklet for
YUV(130.3740, -50.4704, 88.2490)
contains.

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Color

**YUV(130.3740, -50.4704,
88.2490)**

Conversions

Conversions Part 1

Format	Color
Hex	E7631C
RGB	231, 99, 28
RGB Percent	91%, 39%, 11%
CMY	0.0941, 0.6118, 0.8902
CMYK	0.00, 0.57, 0.88, 0.09
HSL	21°, 81%, 51%
HSV	21°, 88%, 91%
XYZ	37.6264, 25.9964, 4.1333
YIQ	130.3740, 101.4630, 5.9030

Conversions

Conversions Part 2

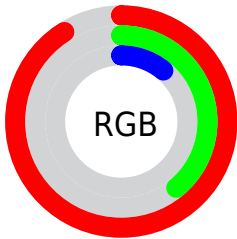
Format	Color
R_{YB}	231, 137, 28
Decimal	15164188
CIE _{Lab}	58.03, 48.02, 60.43
CIE _{LCh}	58, 77.185, 51.527
Yxy	25.9964, 0.5553, 0.3837
Android (android.graphics.Color)	4293354268 (0xFFE7631C)
YUV	130.3740, -50.4704, 88.2490
Hunter-Lab	50.9867, 42.5001, 30.8843

Details

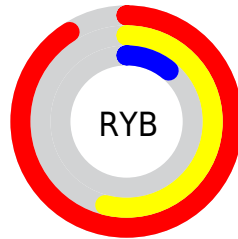
The YUV color **130.3740, -50.4704, 88.2490** is a dark color, and the websafe version is hex **FF6633**. The color can be described as dark washed orange. A complement of this color would be **128.6260, 50.4704, -88.2490**, and the grayscale version is **131.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **175.2900, -46.4850, 69.9057**, and **76.6470, -37.7870, 80.1166** is the 20% darker color. If you saturate the color by 10%, you get **118.9470, -56.1759, 98.2705**, and if you desaturate by 10%, it is **141.8010, -44.7649, 78.2275**.

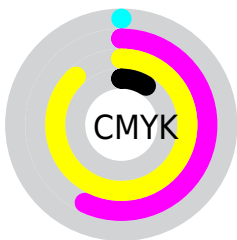
Distribution



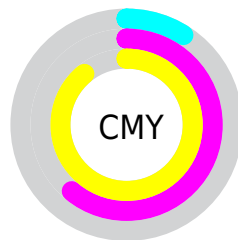
- Red (91%)
- Green (39%)
- Blue (11%)



- Red (91%)
- Yellow (54%)
- Blue (11%)



- Cyan (0%)
- Magenta (57%)
- Yellow (88%)
- Black (9%)



- Cyan (9%)
- Magenta (61%)
- Yellow (89%)

Brightness & Saturation Gradients


These gradients show how the YUV color 130.3740, -50.4704, 88.2490 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 130.3740, -50.4704, 88.2490 by changing the saturation by 10% instead.


 130.3740,
-50.4704, 88.2490


 130.3740,
-50.4704, 88.2490


255.0000, 0.0000,
0.0000


 101.7650,
-50.1701, 85.2751


 175.2900,
-46.4850, 69.9057


 76.6470, -37.7870,
80.1166


 194.6900,
-43.2312, 52.8919

 47.1210, -23.2307,
77.9469


 214.0900,
-39.9774, 35.8781

 31.6940, -15.6251,
65.1664

 234.1910,
-36.5762, 18.2495

 22.7240, -11.2029,
46.7231

 247.3620,
-29.2655, 6.6985

 15.1780, -6.4968,
30.5389

 250.6680,

 0.0000, 0.0000,

-16.5983, 3.7992

0.0000

253.8600, -4.3680,
0.9998

130.3740,
-50.4704, 88.2490

130.3740,
-50.4704, 88.2490

118.9470,
-56.1759, 98.2705

141.8010,
-44.7649, 78.2275

116.6160,
-57.4917, 100.3148

153.2280,
-39.0594, 68.2060

164.6550,
-33.3539, 58.1846

176.0820,
-27.6484, 48.1631

187.5090,
-21.9429, 38.1416

199.0500,
-15.8007, 28.0201

210.4770,
-10.0952, 17.9987

221.9040, -4.3897,
7.9772

233.3310, 1.3158,
-2.0443

Harmonies

Analogous

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



125.2300, -14.9034, 113.8083



130.3740, -50.4704, 88.2490



131.3260, -64.7437, 46.1951

Triad

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



130.3740, -50.4704, 88.2490



111.9540, 2.4877, -98.1837



131.3930, 60.9383, -38.9327

Complementary

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



130.3740, -50.4704, 88.2490



128.6260, 50.4704, -88.2490

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.



119.4680, 66.8173, -104.7734



130.3740, -50.4704, 88.2490



120.5210, 32.7741, -105.6969

Square

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



130.3740, -50.4704, 88.2490



100.3380, -26.7886, -87.9964



124.7850, 59.2660, -109.4364



141.2150, 41.3060, 51.5544

Rectangle

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



130.3740, -50.4704, 88.2490



128.1710, -63.1883, 13.8820



124.7850, 59.2660, -109.4364



110.6630, 71.1581, -97.0515

Sweetspot

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



130.3740, -50.4704, 88.2490



222.2350, -16.3849, 28.7349



104.0870, 29.0441, 111.3027



108.1780, -9.9478, 17.3839



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.



130.3740, -50.4704, 88.2490



128.4880, -63.3446, 110.9510



187.9000, -78.8307, 37.7987



108.9360, -2.9264, 5.3181



89.9150, -44.3281, 78.1275



25.8150, -12.7268, 22.0872

Inverse Universe

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



128.6260, 50.4704, -88.2490



126.5120, 63.3446, -110.9510



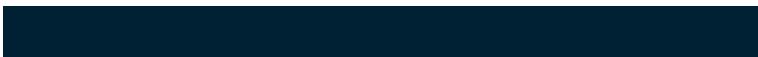
71.1000, 78.8307, -37.7987



109.0640, 2.9264, -5.3181



88.4980, 44.6175, -77.6127



25.1850, 12.7268, -22.0872

Previews

White Background



This preview shows how the YUV color 130.3740, -50.4704, 88.2490 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

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 130.3740, -50.4704, 88.2490 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 × Fail

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

YUV 130.3740, -50.4704, 88.2490

Background



This preview shows how black text looks on a background with the YUV color 130.3740, -50.4704, 88.2490.



This preview shows how white text looks on a background with the YUV color 130.3740, -50.4704,

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

130.3740, -50.4704, 88.2490

Protanopia

133.4550, -47.0593, 20.6490

Deuteranopia

130.9940, -64.5800, 40.3473



Tritanopia

135.4300, -18.4530, 85.5689

Trichromacy



Original Color

130.3740, -50.4704, 88.2490

Protanomaly

132.2670, -48.4456, 45.3698

Deuteranomaly

131.0700, -59.6875, 57.8206

Tritanomaly

133.4550, -29.8043, 86.4240

Monochromacy



Original Color

130.3740, -50.4704, 88.2490

Achromatopsia

130.0000, 0.0000, 0.0000

Achromatomaly

130.3880, -18.4323, 32.1087

CSS Examples

Text

The CSS property to change the color of the text to YUV 130.3740, -50.4704, 88.2490 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(231, 99, 28)` looks like.

```
.text, #text, p{  
    color:rgb(231, 99, 28)  
}
```

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(231, 99, 28) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 99, 28) }
```

Border

The CSS property to change the border of an element to YUV 130.3740, -50.4704, 88.2490 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(231, 99, 28) }
```


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

```
.border{ border-color:rgb(231, 99, 28) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 99, 28)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 99, 28); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 99, 28);  
box-shadow:4px 4px 4px 4px rgb(231, 99,  
28) }
```

Background

The CSS property to change the background color of an element to YUV 130.3740, -50.4704, 88.2490 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 99, 28) }
```

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

```
.background{ background-color: rgb(231, 99,  
28) }
```

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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