

Converting Colors

YUV(130.1940, -47.4236,
91.0379)

Have a look what the booklet for
YUV(130.1940, -47.4236, 91.0379)
contains.

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Color

**YUV(130.1940, -47.4236,
91.0379)**

Conversions

Conversions Part 1

Format	Color
Hex	EA6022
RGB	234, 96, 34
RGB Percent	92%, 38%, 13%
CMY	0.0824, 0.6235, 0.8667
CMYK	0.00, 0.59, 0.85, 0.08
HSL	19°, 83%, 53%
HSV	19°, 85%, 92%
XYZ	38.4033, 25.9737, 4.5027
YIQ	130.1940, 102.1500, 9.9740

Conversions

Conversions Part 2

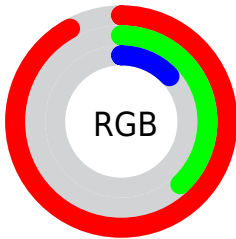
Format	Color
RYB	234, 124, 34
Decimal	15360034
CIELab	58.01, 50.62, 58.44
CIELCh	58, 77.321, 49.102
Yxy	25.9737, 0.5575, 0.3771
Android (android.graphics.Color)	4293550114 (0xFFEA6022)
YUV	130.1940, -47.4236, 91.0379
Hunter-Lab	50.9644, 45.3179, 30.4368

Details

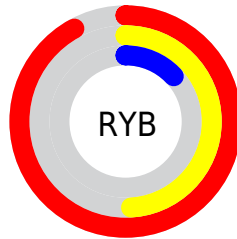
The YUV color **130.1940, -47.4236, 91.0379** is a dark color, and the websafe version is hex **FF6633**. The color can be described as dark washed orange. A complement of this color would be **137.8060, 47.4236, -91.0379**, and the grayscale version is **131.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **173.9850, -43.8696, 71.0502**, and **74.8970, -36.9242, 83.4053** is the 20% darker color. If you saturate the color by 10%, you get **118.1800, -52.8397, 101.5741**, and if you desaturate by 10%, it is **142.2080, -42.0075, 80.5016**.

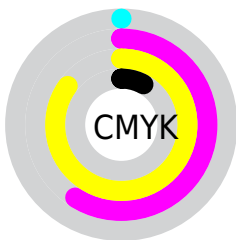
Distribution



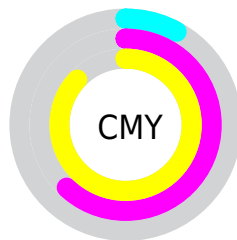
- Red (92%)
- Green (38%)
- Blue (13%)



- Red (92%)
- Yellow (49%)
- Blue (13%)



- Cyan (0%)
- Magenta (59%)
- Yellow (85%)
- Black (8%)



- Cyan (8%)
- Magenta (62%)
- Yellow (87%)

Brightness & Saturation Gradients

These gradients show how the YUV color 130.1940, -47.4236, 91.0379 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 130.1940, -47.4236, 91.0379 by changing the saturation by 10% instead.

130.1940,
-47.4236, 91.0379

130.1940,
-47.4236, 91.0379

255.0000, 0.0000,
0.0000

101.1290,
-48.8706, 88.4639

173.9850,
-43.8696, 71.0502

74.8970, -36.9242,
83.4053

193.3850,
-40.6158, 54.0364

42.1480, -20.7790,
84.9392

213.4860,
-37.2146, 36.4078

32.2920, -15.9200,
66.3959

233.5870,
-33.8134, 18.7792

23.3220, -11.4977,
47.9526

247.9320,
-27.0815, 6.1986

15.4770, -6.6442,
31.1537

251.1240,

0.0000, 0.0000,

-14.8511, 3.3993

0.0000

254.4300, -2.1840,
0.4999

■ 130.1940,
-47.4236, 91.0379

■ 130.1940,
-47.4236, 91.0379

■ 118.1800,
-52.8397, 101.5741

■ 142.2080,
-42.0075, 80.5016

■ 112.8170,
-55.6188, 106.2775

■ 154.3360,
-36.1546, 69.8653

■ 166.3500,
-30.7385, 59.3291

■ 179.0650,
-25.1750, 48.1780

■ 191.0790,
-19.7589, 37.6417

■ 203.0930,
-14.3428, 27.1054

■ 215.2210, -8.4900,
16.4692

■ 227.2350, -3.0739,
5.9329

■ 239.3630, 2.7790,
-4.7034

Harmonies

Analogous

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



124.6260, -12.1406, 114.3380



130.1940, -47.4236, 91.0379



131.6470, -64.9020, 50.2986

Triad

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



130.1940, -47.4236, 91.0379



111.3840, 0.3037, -97.6838



126.8860, 63.1602, -51.6430

Complementary

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



130.1940, -47.4236, 91.0379



137.8060, 47.4236, -91.0379

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.



120.0550, 66.5279, -105.2882



130.1940, -47.4236, 91.0379



119.9510, 30.5902, -105.1970

Square

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



130.1940, -47.4236, 91.0379



104.6230, -32.3521, -76.8454



124.9160, 57.2294, -109.5513



141.6380, 43.0695, 45.9215

Rectangle

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



130.1940, -47.4236, 91.0379



128.7910, -63.4940, 18.6003



124.9160, 57.2294, -109.5513



111.8370, 70.5794, -98.0810

Sweetspot

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



130.1940, -47.4236, 91.0379



220.4740, -15.5167, 30.2793



109.7600, 31.6703, 108.9585



107.0040, -9.3690, 18.4135



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.



130.1940, -47.4236, 91.0379



122.6180, -60.4507, 116.0990



187.7200, -75.7840, 40.5876



111.0500, -2.4896, 5.2182



86.9910, -42.8866, 82.4459



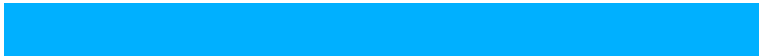
26.1250, -12.8796, 24.4464

Inverse Universe

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



137.8060, 47.4236, -91.0379



132.3820, 60.4507, -116.0990



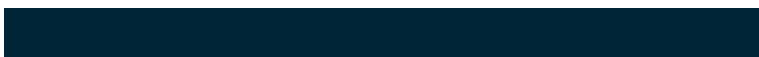
80.2800, 75.7840, -40.5876



111.9500, 2.4897, -5.2181



94.0090, 42.8866, -82.4459



27.8750, 12.8796, -24.4464

Previews

White Background



This preview shows how the YUV color 130.1940, -47.4236, 91.0379 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 130.1940, -47.4236, 91.0379 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 130.1940, -47.4236, 91.0379

Background



This preview shows how black text looks on a background with the YUV color 130.1940, -47.4236, 91.0379.



This preview shows how white text looks on a background with the YUV color 130.1940, -47.4236, 91.0379.

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

130.1940, -47.4236, 91.0379

Protanopia

134.2530, -44.0017, 19.9491

Deuteranopia

132.3620, -59.3385, 39.1475



Tritanopia

134.3380, -18.9006, 89.1576

Trichromacy



Original Color

130.1940, -47.4236, 91.0379

Protanomaly

132.7770, -45.2461, 45.7996

Deuteranomaly

131.9220, -55.1775, 57.9504

Tritanomaly

132.5910, -29.3784, 89.8127

Monochromacy



Original Color

130.1940, -47.4236, 91.0379

Achromatopsia

130.0000, 0.0000, 0.0000

Achromatomaly

130.3280, -17.4167, 33.0383

CSS Examples

Text

The CSS property to change the color of the text to YUV 130.1940, -47.4236, 91.0379 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(234, 96, 34)` looks like.

```
.text, #text, p{  
    color:rgb(234, 96, 34)  
}
```

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(234, 96, 34) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 96, 34) }
```

Border

The CSS property to change the border of an element to YUV 130.1940, -47.4236, 91.0379 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(234, 96, 34) }
```


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

```
.border{ border-color:rgb(234, 96, 34) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 96, 34)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 96, 34); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 96, 34);  
box-shadow:4px 4px 4px 4px rgb(234, 96,  
34) }
```

Background

The CSS property to change the background color of an element to YUV 130.1940, -47.4236, 91.0379 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 96, 34) }
```

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

```
.background{ background-color: rgb(234, 96,  
34) }
```

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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