

Converting Colors

YUV(147.1630, -53.8174,
88.4340)

Have a look what the booklet for
YUV(147.1630, -53.8174, 88.4340)
contains.

YUV(147.1630, -53.8174, 88.4340)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(147.1630, -53.8174,
88.4340)**

Conversions

Conversions Part 1

Format	Color
Hex	F87526
RGB	248, 117, 38
RGB Percent	97%, 46%, 15%
CMY	0.0275, 0.5412, 0.8510
CMYK	0.00, 0.53, 0.85, 0.03
HSL	23°, 94%, 56%
HSV	23°, 85%, 97%
XYZ	45.4225, 32.8190, 5.7744
YIQ	147.1630, 103.4350, 3.2030

Conversions

Conversions Part 2

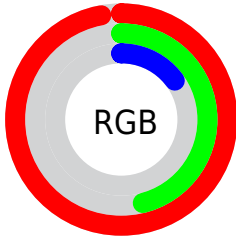
Format	Color
R _Y B	248, 165, 38
Decimal	16282918
CIE Lab	64.01, 46.03, 62.81
CIE LCh	64, 77.871, 53.769
Yxy	32.8190, 0.5406, 0.3906
Android (android.graphics.Color)	4294472998 (0xFFFF87526)
YUV	147.1630, -53.8174, 88.4340
Hunter-Lab	57.2879, 41.2758, 34.1253

Details

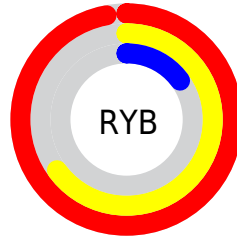
The YUV color **147.1630, -53.8174, 88.4340** is a dark color, and the websafe version is hex **FF6633**. The color can be described as middle washed orange. A complement of this color would be **138.8370, 53.8174, -88.4340**, and the grayscale version is **148.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **186.9960, -47.3260, 59.6395**, and **92.5840, -45.6439, 80.1718** is the 20% darker color. If you saturate the color by 10%, you get **135.5080, -60.3964, 98.6555**, and if you desaturate by 10%, it is **158.8180, -47.2383, 78.2126**.

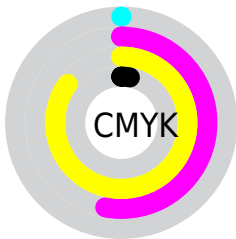
Distribution



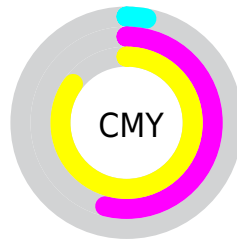
- Red (97%)
- Green (46%)
- Blue (15%)



- Red (97%)
- Yellow (65%)
- Blue (15%)



- Cyan (0%)
- Magenta (53%)
- Yellow (85%)
- Black (3%)



- Cyan (3%)
- Magenta (54%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the YUV color 147.1630, -53.8174, 88.4340 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 147.1630, -53.8174, 88.4340 by changing the saturation by 10% instead.

147.1630,
-53.8174, 88.4340

147.1630,
-53.8174, 88.4340

255.0000, 0.0000,
0.0000

118.3430,
-56.8641, 85.6452

186.9960,
-47.3260, 59.6395

92.5840, -45.6439,
80.1718

206.9830,
-44.3616, 42.1109

67.4660, -33.2607,
75.0133

226.4970,
-40.6710, 24.9971

36.4780, -17.9837,
75.0028

245.5380,
-36.2542, 8.2982

27.5080, -13.5614,
56.5595

248.7300,
-24.0239, 5.4988

18.8370, -9.2866,
38.7310

252.0360,

10.2800, -4.5750,

-11.3567, 2.5994

20.8024

■ 0.0000, 0.0000,
0.0000

■ 147.1630,
-53.8174, 88.4340

■ 147.1630,
-53.8174, 88.4340

■ 135.5080,
-60.3964, 98.6555

■ 158.8180,
-47.2383, 78.2126

■ 128.7430,
-63.4703, 104.5884

■ 171.0600,
-40.9486, 67.4764

■ 182.6010,
-34.8063, 57.3549

■ 194.8430,
-28.5166, 46.6187

■ 206.4980,
-21.9375, 36.3973

218.7400,
-15.6478, 25.6610

230.3950, -9.0687,
15.4396

242.5230, -3.2158,
4.8033

252.9070, 1.0318,
-4.3034

Harmonies

Analogous

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



137.9960, -16.7600, 102.6125



147.1630, -53.8174, 88.4340



145.4910, -71.7271, 46.0504

Triad

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



147.1630, -53.8174, 88.4340



124.3270, 6.7408, -109.0348



148.8910, 52.3117, -25.3374

Complementary

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



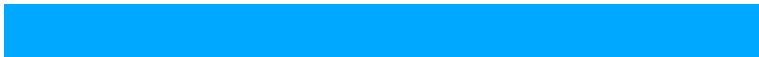
147.1630, -53.8174, 88.4340



138.8370, 53.8174, -88.4340

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.



127.6860, 62.7658, -111.9806



147.1630, -53.8174, 88.4340



133.0080, 37.4641, -116.6480

Square

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



147.1630, -53.8174, 88.4340



113.1840, -23.2617, -99.2624



135.3170, 59.0037, -118.6730



158.0910, 39.3951, 57.8022

Rectangle

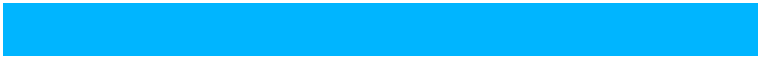
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



147.1630, -53.8174, 88.4340



142.0370, -70.0242, 13.1226



135.3170, 59.0037, -118.6730



129.3460, 61.9474, -82.7414

Sweetspot

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



147.1630, -53.8174, 88.4340



224.2240, -16.3794, 26.9906



115.9520, 27.1387, 115.8061



109.4660, -10.0897, 16.2543



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.



147.1630, -53.8174, 88.4340



132.5970, -65.3703, 107.3474



207.6240, -83.6246, 35.4098



118.8220, -3.3632, 5.4181



98.1880, -48.4067, 79.6421



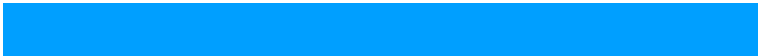
31.7400, -15.6478, 25.6610

Inverse Universe

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



138.8370, 53.8174, -88.4340



122.4030, 65.3703, -107.3474



78.3760, 83.6246, -35.4098



118.1780, 3.3632, -5.4181



90.8120, 48.4067, -79.6421



29.2600, 15.6478, -25.6610

Previews

White Background



This preview shows how the YUV color 147.1630, -53.8174, 88.4340 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 147.1630, -53.8174, 88.4340 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 147.1630, -53.8174, 88.4340

Background



This preview shows how black text looks on a background with the YUV color 147.1630, -53.8174, 88.4340.



This preview shows how white text looks on a background with the YUV color 147.1630, -53.8174, 88.4340.

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

147.1630, -53.8174, 88.4340

Protanopia

149.0700, -49.8275, 21.8636

Deuteranopia

147.4010, -61.8227, 42.6213



Tritanopia

152.3700, -17.4374, 86.4985

Trichromacy



Original Color

147.1630, -53.8174, 88.4340

Protanomaly

148.4690, -51.5032, 46.0697

Deuteranomaly

147.3090, -58.8193, 59.3650

Tritanomaly

150.5260, -30.8253, 87.2387

Monochromacy



Original Color

147.1630, -53.8174, 88.4340

Achromatopsia

147.0000, 0.0000, 0.0000

Achromatomaly

147.0460, -19.7427, 32.4087

CSS Examples

Text

The CSS property to change the color of the text to YUV 147.1630, -53.8174, 88.4340 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(248, 117, 38)` looks like.

```
.text, #text, p{  
    color:rgb(248, 117, 38)  
}
```

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(248, 117, 38) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 117, 38) }
```

Border

The CSS property to change the border of an element to YUV 147.1630, -53.8174, 88.4340 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(248, 117, 38) }
```


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

```
.border{ border-color:rgb(248, 117, 38) }
```

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

Here you see how a box with a 4 pixel rgb(248, 117, 38) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 117, 38); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 117, 38);  
box-shadow:4px 4px 4px 4px rgb(248, 117,  
38) }
```

Background

The CSS property to change the background color of an element to YUV 147.1630, -53.8174, 88.4340 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 117, 38) }
```

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

```
.background{ background-color: rgb(248,  
117, 38) }
```

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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