

Converting Colors

YUV(131.3340, -46.5067,
76.8831)

Have a look what the booklet for
YUV(131.3340, -46.5067, 76.8831)
contains.

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Color

**YUV(131.3340, -46.5067,
76.8831)**

Conversions

Conversions Part 1

Format	Color
Hex	DB6925
RGB	219, 105, 37
RGB Percent	86%, 41%, 15%
CMY	0.1412, 0.5882, 0.8549
CMYK	0.00, 0.52, 0.83, 0.14
HSL	22°, 72%, 50%
HSV	22°, 83%, 86%
XYZ	34.5989, 25.2968, 4.8095
YIQ	131.3340, 89.7720, 3.0200

Conversions

Conversions Part 2

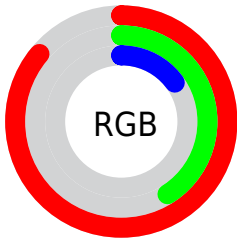
Format	Color
R _Y B	219, 146, 37
Decimal	14379301
CIE Lab	57.36, 40.79, 55.79
CIE LCh	57, 69.109, 53.831
Yxy	25.2968, 0.5347, 0.3910
Android (android.graphics.Color)	4292569381 (0xFFDB6925)
YUV	131.3340, -46.5067, 76.8831
Hunter-Lab	50.2959, 34.7736, 29.5376

Details

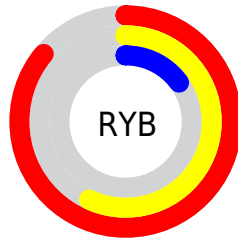
The YUV color **131.3340, -46.5067, 76.8831** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed orange. A complement of this color would be **124.6660, 46.5067, -76.8831**, and the grayscale version is **132.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **179.0230, -44.8743, 66.6318**, and **78.6410, -38.7700, 68.7208** is the 20% darker color. If you saturate the color by 10%, you get **120.6080, -52.0647, 86.2898**, and if you desaturate by 10%, it is **142.0600, -40.9486, 67.4764**.

Distribution



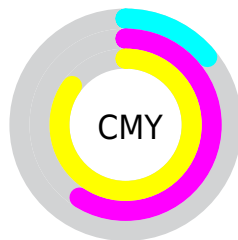
- Red (86%)
- Green (41%)
- Blue (15%)



- Red (86%)
- Yellow (57%)
- Blue (15%)



- Cyan (0%)
- Magenta (52%)
- Yellow (83%)
- Black (14%)



- Cyan (14%)
- Magenta (59%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the YUV color 131.3340, -46.5067, 76.8831 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 131.3340, -46.5067, 76.8831 by changing the saturation by 10% instead.

131.3340,
-46.5067, 76.8831

131.3340,
-46.5067, 76.8831

255.0000, 0.0000,
0.0000

103.2690,
-47.9536, 74.3091

179.0230,
-44.8743, 66.6318

78.6410, -38.7700,
68.7208

198.4230,
-41.6205, 49.6180

53.8220, -26.5342,
64.1771

217.9370,
-37.9299, 32.5043

29.0030, -14.2985,
59.6334

238.0380,
-34.5287, 14.8757

20.3320, -10.0237,
41.8048

248.1600,
-26.2079, 5.9987

12.6720, -5.7543,
25.7207

251.4660,

0.0000, 0.0000,

-13.5407, 3.0993

0.0000

254.7720, -0.8736,
0.2000

■ 131.3340,
-46.5067, 76.8831

■ 131.3340,
-46.5067, 76.8831

■ 120.6080,
-52.0647, 86.2898

■ 142.0600,
-40.9486, 67.4764

■ 113.6150,
-56.0122, 92.4226

■ 152.1990,
-35.1011, 58.5845

■ 162.9250,
-29.5430, 49.1778

■ 173.6510,
-23.9849, 39.7711

■ 184.3770,
-18.4269, 30.3644

■ 194.4020,
-13.0162, 21.5724

■ 205.1280, -7.4581,
12.1657

■ 215.8540, -1.9000,
2.7590

■ 225.9930, 3.9475,
-6.1329

Harmonies

Analogous

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



129.6320, -18.0596, 99.4237



131.3340, -46.5067, 76.8831



129.5210, -63.8539, 40.7621

Triad

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



131.3340, -46.5067, 76.8831



110.2900, 6.2660, -96.7243



135.5260, 55.9427, -23.2633

Complementary

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



131.3340, -46.5067, 76.8831



124.6660, 46.5067, -76.8831

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.



116.5330, 68.2642, -102.1994



131.3340, -46.5067, 76.8831



117.9450, 33.0581, -103.4378

Square

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



131.3340, -46.5067, 76.8831



103.8750, -21.1374, -80.5744



121.2970, 56.0556, -106.3775



140.6680, 34.1807, 50.2802

Rectangle

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



131.3340, -46.5067, 76.8831



126.3880, -62.3093, 11.9377



121.2970, 56.0556, -106.3775



121.7700, 65.6824, -67.3273

Sweetspot

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



131.3340, -46.5067, 76.8831



224.2240, -16.3794, 26.9906



104.5280, 23.4037, 100.3919



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.



131.3340, -46.5067, 76.8831



132.0100, -65.0809, 107.8622



184.1640, -72.5519, 30.5512



104.6370, -2.7790, 4.7034



89.8820, -44.3118, 72.8945



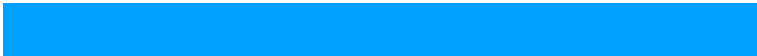
23.7330, -11.7004, 19.5282

Inverse Universe

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



124.6660, 46.5067, -76.8831



122.9900, 65.0809, -107.8622



71.8360, 72.5519, -30.5512



104.3630, 2.7790, -4.7034



83.7050, 44.0224, -73.4093



22.2670, 11.7004, -19.5282

Previews

White Background



This preview shows how the YUV color 131.3340, -46.5067, 76.8831 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 131.3340, -46.5067, 76.8831 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 131.3340, -46.5067, 76.8831

Background



This preview shows how black text looks on a background with the YUV color 131.3340, -46.5067, 76.8831.



This preview shows how white text looks on a background with the YUV color 131.3340, -46.5067, 76.8831.

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

131.3340, -46.5067, 76.8831

Protanopia

133.1820, -42.9807, 19.1344

Deuteranopia

131.7730, -52.6391, 37.0331



Tritanopia

135.8740, -15.2209, 75.5325

Trichromacy



Original Color

131.3340, -46.5067, 76.8831

Protanomaly

132.6730, -44.2088, 39.7518

Deuteranomaly

131.7300, -50.6459, 51.1028

Tritanomaly

134.4860, -26.8616, 75.8728

Monochromacy



Original Color

131.3340, -46.5067, 76.8831

Achromatopsia

131.0000, 0.0000, 0.0000

Achromatomaly

131.4090, -16.9636, 27.7053

CSS Examples

Text

The CSS property to change the color of the text to YUV 131.3340, -46.5067, 76.8831 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(219, 105, 37)` looks like.

```
.text, #text, p{  
    color:rgb(219, 105, 37)  
}
```

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(219, 105, 37) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 105, 37) }
```

Border

The CSS property to change the border of an element to YUV 131.3340, -46.5067, 76.8831 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(219, 105, 37) }
```


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

```
.border{ border-color:rgb(219, 105, 37) }
```

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

Here you see how a box with a 4 pixel rgb(219, 105, 37) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 105, 37); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 105, 37);  
box-shadow:4px 4px 4px 4px rgb(219, 105,  
37) }
```

Background

The CSS property to change the background color of an element to YUV 131.3340, -46.5067, 76.8831 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 105, 37) }
```

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

```
.background{ background-color: rgb(219,  
105, 37) }
```

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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