

Converting Colors

YUV(133.9810, -47.8116,
75.4387)

Have a look what the booklet for
YUV(133.9810, -47.8116, 75.4387)
contains.

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Color

**YUV(133.9810, -47.8116,
75.4387)**

Conversions

Conversions Part 1

Format	Color
Hex	DC6D25
RGB	220, 109, 37
RGB Percent	86%, 43%, 15%
CMY	0.1373, 0.5725, 0.8549
CMYK	0.00, 0.50, 0.83, 0.14
HSL	24°, 72%, 50%
HSV	24°, 83%, 86%
XYZ	35.3178, 26.2865, 4.9626
YIQ	133.9810, 89.2680, 1.1400

Conversions

Conversions Part 2

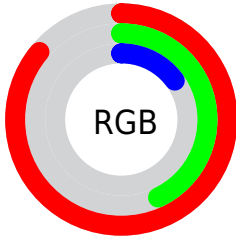
Format	Color
R_{YB}	220, 156, 37
Decimal	14445861
CIE Lab	58.31, 39.17, 56.68
CIE LCh	58, 68.895, 55.351
Yxy	26.2865, 0.5306, 0.3949
Android (android.graphics.Color)	4292635941 (0xFFDC6D25)
YUV	133.9810, -47.8116, 75.4387
Hunter-Lab	51.2704, 33.2372, 30.1504

Details

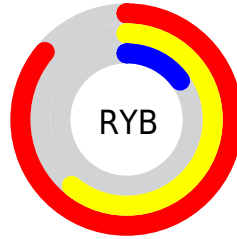
The YUV color **133.9810, -47.8116, 75.4387** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed orange. A complement of this color would be **123.0190, 47.8116, -75.4387**, and the grayscale version is **134.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **181.4850, -45.5951, 64.4727**, and **81.2880, -40.0750, 67.2764** is the 20% darker color. If you saturate the color by 10%, you get **123.8420, -53.6591, 84.3306**, and if you desaturate by 10%, it is **144.1200, -41.9642, 66.5468**.

Distribution



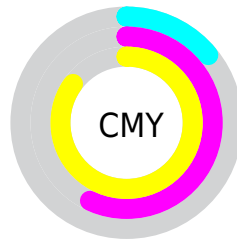
- Red (86%)
- Green (43%)
- Blue (15%)



- Red (86%)
- Yellow (61%)
- Blue (15%)



- Cyan (0%)
- Magenta (50%)
- Yellow (83%)
- Black (14%)



- Cyan (14%)
- Magenta (57%)
- Yellow (85%)

Brightness & Saturation Gradients

These gradients show how the YUV color 133.9810, -47.8116, 75.4387 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 133.9810, -47.8116, 75.4387 by changing the saturation by 10% instead.

133.9810,
-47.8116, 75.4387

133.9810,
-47.8116, 75.4387

255.0000, 0.0000,
0.0000

105.8020,
-49.6954, 72.9646

181.4850,
-45.5951, 64.4727

81.2880, -40.0750,
67.2764

200.8850,
-42.3413, 47.4589

57.0560, -28.1286,
62.2179

220.2850,
-39.0875, 30.4451

29.8890, -14.7353,
59.7333

240.3860,
-35.6863, 12.8165

20.6310, -10.1711,
42.4196

248.2740,
-25.7711, 5.8987

13.2700, -6.0491,
26.9502

251.5800,

0.0000, 0.0000,

-13.1039, 2.9993

0.0000

254.8860, -0.4368,
0.1000

■ 133.9810,
-47.8116, 75.4387

■ 133.9810,
-47.8116, 75.4387

■ 123.8420,
-53.6591, 84.3306

■ 144.1200,
-41.9642, 66.5468

■ 116.8490,
-57.6066, 90.4634

■ 154.8460,
-36.4061, 57.1401

■ 164.9850,
-30.5586, 48.2482

■ 175.1240,
-24.7111, 39.3563

■ 185.8500,
-19.1530, 29.9496

■ 195.9890,
-13.3056, 21.0576

■ 206.1280, -7.4581,
12.1657

■ 216.8540, -1.9000,
2.7590

■ 226.9930, 3.9475,
-6.1329

Harmonies

Analogous

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



132.4640, -19.9488, 98.6941



133.9810, -47.8116, 75.4387



131.2820, -64.7220, 39.2177

Triad

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



133.9810, -47.8116, 75.4387



112.7350, 8.0186, -98.8686



138.9180, 54.7634, -18.3451

Complementary

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



133.9810, -47.8116, 75.4387



123.0190, 47.8116, -75.4387

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.



117.1200, 67.9748, -102.7142



133.9810, -47.8116, 75.4387



119.6890, 34.6633, -104.9673

Square

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



133.9810, -47.8116, 75.4387



102.7320, -17.6159, -90.0960



122.9270, 57.2240, -107.8070



142.7500, 33.1542, 52.8392

Rectangle

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



133.9810, -47.8116, 75.4387



127.8500, -63.0300, 9.7786



122.9270, 57.2240, -107.8070



128.9240, 62.1555, -56.0613

Sweetspot

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



133.9810, -47.8116, 75.4387



224.8110, -16.6688, 26.4758



104.5990, 22.3827, 101.2067



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.



133.9810, -47.8116, 75.4387



134.9450, -66.5279, 105.2882



186.8110, -73.8568, 29.1068



104.6370, -2.7790, 4.7034



91.6430, -45.1800, 71.3501



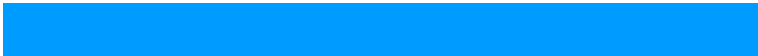
24.3200, -11.9898, 19.0134

Inverse Universe

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



123.0190, 47.8116, -75.4387



120.0550, 66.5279, -105.2882



70.1890, 73.8568, -29.1068



103.7760, 3.0684, -4.1886



81.3570, 45.1800, -71.3501



21.6800, 11.9898, -19.0134

Previews

White Background



This preview shows how the YUV color 133.9810, -47.8116, 75.4387 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 133.9810, -47.8116, 75.4387 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 133.9810, -47.8116, 75.4387

Background



This preview shows how black text looks on a background with the YUV color 133.9810, -47.8116, 75.4387.



This preview shows how white text looks on a background with the YUV color 133.9810, -47.8116, 75.4387.

75.4387.

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

133.9810, -47.8116, 75.4387

Protanopia

135.1390, -44.4385, 20.0491

Deuteranopia

133.9580, -53.2233, 37.7478



Tritanopia

138.9770, -14.7787, 73.6882

Trichromacy



Original Color

133.9810, -47.8116, 75.4387

Protanomaly

134.6300, -45.6666, 40.6665

Deuteranomaly

133.9150, -51.2301, 51.8175

Tritanomaly

137.4750, -26.8562, 74.1284

Monochromacy



Original Color

133.9810, -47.8116, 75.4387

Achromatopsia

134.0000, 0.0000, 0.0000

Achromatomaly

133.9960, -17.2530, 27.1905

CSS Examples

Text

The CSS property to change the color of the text to YUV 133.9810, -47.8116, 75.4387 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(220, 109, 37)` looks like.

```
.text, #text, p{  
    color:rgb(220, 109, 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(220, 109, 37) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 109, 37) }
```

Border

The CSS property to change the border of an element to YUV 133.9810, -47.8116, 75.4387 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(220, 109, 37) }
```


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

```
.border{ border-color:rgb(220, 109, 37) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 109, 37)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 109, 37); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 109, 37);  
box-shadow:4px 4px 4px 4px rgb(220, 109,  
37) }
```

Background

The CSS property to change the background color of an element to YUV 133.9810, -47.8116, 75.4387 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 109, 37) }
```

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

```
.background{ background-color: rgb(220,  
109, 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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