

Converting Colors

YUV(136.6270, -47.6371,
66.1021)

Have a look what the booklet for
YUV(136.6270, -47.6371, 66.1021)
contains.

YUV(136.6270, -47.6371, 66.1021)	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(136.6270, -47.6371,
66.1021)**

Conversions

Conversions Part 1

Format	Color
Hex	D47528
RGB	212, 117, 40
RGB Percent	83%, 46%, 16%
CMY	0.1686, 0.5412, 0.8431
CMYK	0.00, 0.45, 0.81, 0.17
HSL	27°, 68%, 49%
HSV	27°, 81%, 83%
XYZ	33.8957, 26.8728, 5.4080
YIQ	136.6270, 81.3370, -3.8070

Conversions

Conversions Part 2

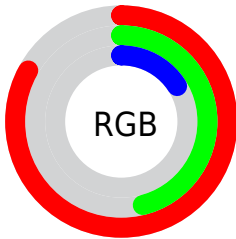
Format	Color
R _Y B	212, 179, 40
Decimal	13923624
CIE Lab	58.86, 31.92, 55.55
CIE LCh	59, 64.062, 60.119
Yxy	26.8728, 0.5122, 0.4061
Android (android.graphics.Color)	4292113704 (0xFFD47528)
YUV	136.6270, -47.6371, 66.1021
Hunter-Lab	51.8390, 25.9965, 30.1020

Details

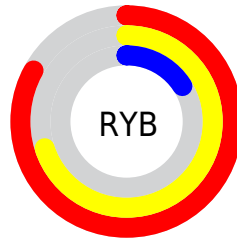
The YUV color **136.6270, -47.6371, 66.1021** is a dark color, and the websafe version is hex **CC6600**. The color can be described as dark washed orange. A complement of this color would be **115.3730, 47.6371, -66.1021**, and the grayscale version is **137.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **186.5230, -46.5998, 60.0543**, and **84.4780, -41.6477, 58.3398** is the 20% darker color. If you saturate the color by 10%, you get **127.1890, -53.3372, 74.3792**, and if you desaturate by 10%, it is **146.0650, -41.9370, 57.8250**.

Distribution



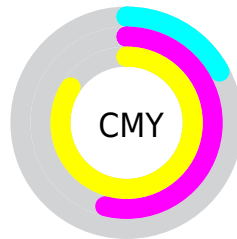
- Red (83%)
- Green (46%)
- Blue (16%)



- Red (83%)
- Yellow (70%)
- Blue (16%)



- Cyan (0%)
- Magenta (45%)
- Yellow (81%)
- Black (17%)





- Cyan (17%)
- Magenta (54%)
- Yellow (84%)

Brightness & Saturation Gradients


These gradients show how the YUV color 136.6270, -47.6371, 66.1021 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 136.6270, -47.6371, 66.1021 by changing the saturation by 10% instead.


 136.6270,
-47.6371, 66.1021


 136.6270,
-47.6371, 66.1021


255.0000, 0.0000,
0.0000


 109.1490,
-49.3735, 63.0133


 186.5230,
-46.5998, 60.0543


 84.4780, -41.6477,
58.3398


 205.9230,
-43.3460, 43.0405

 61.4200, -30.2801,
52.2517


 225.3230,
-40.0922, 26.0267

 38.6610, -19.0599,
46.7783

 245.5380,
-36.2542, 8.2982

 19.1360, -9.4340,
39.3457

 248.7300,
-24.0239, 5.4988

 12.0740, -5.4595,
24.4911

 251.9220,

 0.0000, 0.0000,

-11.7935, 2.6994

0.0000

■ 136.6270,
-47.6371, 66.1021

■ 136.6270,
-47.6371, 66.1021

■ 127.1890,
-53.3372, 74.3792

■ 146.0650,
-41.9370, 57.8250

■ 119.1530,
-58.7424, 81.4268

■ 154.9160,
-35.9476, 50.0627

■ 164.4680,
-29.8107, 41.6856

■ 173.9060,
-24.1107, 33.4084

■ 183.3440,
-18.4106, 25.1313

■ 192.1950,
-12.4211, 17.3690

■ 201.6330, -6.7211,
9.0919

■ 211.1850, -0.5842,
0.7148

■ 220.0360, 5.4053,
-7.0476

Harmonies

Analogous

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



136.4860, -23.4106, 89.0278



136.6270, -47.6371, 66.1021



132.1240, -65.1371, 32.3403

Triad

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



136.6270, -47.6371, 66.1021



113.9890, 12.8234, -99.9684



143.6550, 47.0051, -3.2054

Complementary

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



136.6270, -47.6371, 66.1021



115.3730, 47.6371, -66.1021

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.



115.9460, 68.5536, -101.6846



136.6270, -47.6371, 66.1021



120.4870, 37.7209, -105.6671

Square

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



136.6270, -47.6371, 66.1021



105.6160, -11.6427, -92.6252



121.7530, 57.8028, -106.7774



144.4640, 26.8862, 56.5981

Rectangle

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



136.6270, -47.6371, 66.1021



129.1850, -57.7722, 3.3458



121.7530, 57.8028, -106.7774



138.3140, 54.0752, -30.9704

Sweetspot

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



136.6270, -47.6371, 66.1021



228.0880, -16.8054, 23.6018



102.4860, 17.0154, 96.0438



111.4550, -10.0843, 14.5100



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.



136.6270, -47.6371, 66.1021



146.4230, -68.2425, 95.2220



185.9350, -71.9460, 22.8590



102.2240, -3.0684, 4.1886



95.7410, -47.2003, 66.0021



24.0100, -11.8369, 16.6542

Inverse Universe

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



115.3730, 47.6371, -66.1021



115.9900, 68.5319, -94.7072



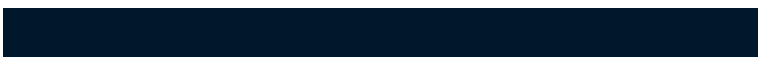
66.0650, 71.9460, -22.8590



100.7760, 3.0684, -4.1886



74.6720, 47.4897, -65.4873



18.9900, 11.8369, -16.6542

Previews

White Background



This preview shows how the YUV color 136.6270, -47.6371, 66.1021 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 136.6270, -47.6371, 66.1021 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 136.6270, -47.6371, 66.1021 Background



This preview shows how black text looks on a background with the YUV color 136.6270, -47.6371, 66.1021.



This preview shows how white text looks on a background with the YUV color 136.6270, -47.6371,

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

136.6270, -47.6371, 66.1021

Protanopia

136.2530, -44.0017, 19.9491

Deuteranopia

136.5280, -51.0393, 37.2479



Tritanopia

141.9050, -12.2782, 64.9813

Trichromacy



Original Color

136.6270, -47.6371, 66.1021

Protanomaly

136.3090, -45.5083, 36.5630

Deuteranomaly

136.3490, -49.4721, 47.9289

Tritanomaly

140.1750, -25.2293, 65.6215

Monochromacy



Original Color

136.6270, -47.6371, 66.1021

Achromatopsia

137.0000, 0.0000, 0.0000

Achromatomaly

136.9740, -17.2422, 23.7018

CSS Examples

Text

The CSS property to change the color of the text to YUV 136.6270, -47.6371, 66.1021 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(212, 117, 40)` looks like.

```
.text, #text, p{  
    color:rgb(212, 117, 40)  
}
```

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(212, 117, 40) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 117, 40) }
```

Border

The CSS property to change the border of an element to YUV 136.6270, -47.6371, 66.1021 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(212, 117, 40) }
```


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

```
.border{ border-color:rgb(212, 117, 40) }
```

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

Here you see how a box with a 4 pixel rgb(212, 117, 40) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 117, 40); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 117, 40);  
box-shadow:4px 4px 4px 4px rgb(212, 117,  
40) }
```

Background

The CSS property to change the background color of an element to YUV 136.6270, -47.6371, 66.1021 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 117, 40) }
```

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

```
.background{ background-color: rgb(212,  
117, 40) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor