

# Converting Colors

YUV(136.1820, -29.1767,  
71.7544)

Have a look what the booklet for  
YUV(136.1820, -29.1767, 71.7544)  
contains.

<b>YUV(136.1820, -29.1767, 71.7544)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YUV(136.1820, -29.1767,  
71.7544)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	DA6A4D
RGB	218, 106, 77
RGB Percent	85%, 42%, 30%
CMY	0.1451, 0.5843, 0.6980
CMYK	0.00, 0.51, 0.65, 0.15
HSL	12°, 66%, 58%
HSV	12°, 65%, 85%
XYZ	35.4070, 25.7493, 10.1251
YIQ	136.1820, 76.0610, 14.7250

# Conversions

## Conversions Part 2

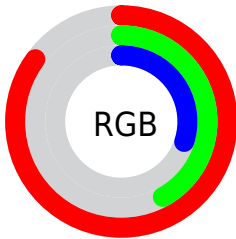
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	218, 114, 77
Decimal	14314061
CIE <sub>Lab</sub>	57.80, 41.67, 36.63
CIE <sub>LCh</sub>	58, 55.480, 41.316
Yxy	25.7493, 0.4967, 0.3612
Android (android.graphics.Color)	4292504141 (0xFFDA6A4D)
YUV	136.1820, -29.1767, 71.7544
Hunter-Lab	50.7438, 35.7487, 23.6902

# Details

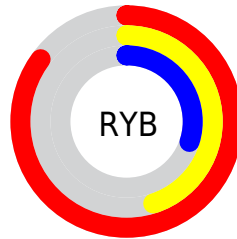
The YUV color **136.1820, -29.1767, 71.7544** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **158.8180, 29.1767, -71.7544**, and the grayscale version is **136.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **184.6430, -28.4180, 61.7031**, and **82.1750, -25.2293, 65.6215** is the 20% darker color. If you saturate the color by 10%, you get **123.6950, -33.8666, 82.7055**, and if you desaturate by 10%, it is **148.6690, -24.4868, 60.8033**.

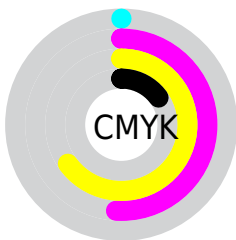
# Distribution



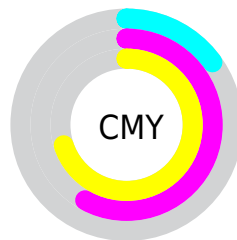
- Red (85%)
- Green (42%)
- Blue (30%)



- Red (85%)
- Yellow (45%)
- Blue (30%)



- Cyan (0%)
- Magenta (51%)
- Yellow (65%)
- Black (15%)



- Cyan (15%)
- Magenta (58%)
- Yellow (70%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 136.1820, -29.1767, 71.7544 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 136.1820, -29.1767, 71.7544 by changing the saturation by 10% instead.



136.1820,  
-29.1767, 71.7544

136.1820,  
-29.1767, 71.7544

255.0000, 0.0000,  
0.0000

109.0290,  
-27.1293, 68.3806

184.6430,  
-28.4180, 61.7031

82.1750, -25.2293,  
65.6215

203.4560,  
-24.8748, 45.2041

55.0330, -23.1873,  
63.9921

223.5570,  
-21.4736, 27.5755

29.6010, -14.5933,  
60.8629

243.1850,  
-17.3462, 10.3618

20.9300, -10.3185,  
43.0344

252.8340, -8.2992,  
1.8996

13.2700, -6.0491,  
26.9502

0.0000, 0.0000,

0.0000

■ 136.1820,  
-29.1767, 71.7544

■ 136.1820,  
-29.1767, 71.7544

■ 123.6950,  
-33.8666, 82.7055

■ 148.6690,  
-24.4868, 60.8033

■ 110.6210,  
-38.2672, 94.1714

■ 161.7430,  
-20.0863, 49.3374

■ 98.2480, -42.5203,  
105.0225

■ 174.1160,  
-15.8332, 38.4863

■ 91.5970, -45.1573,  
110.8554

■ 186.6030,  
-11.1433, 27.5352

■ 199.6770, -6.7428,  
16.0693

■ 212.1640, -2.0529,  
5.1182

■ 224.6510, 2.6371,  
-5.8329

■ 237.6110, 6.6008,  
-17.1988

■ 243.9370, 5.4541,  
-22.7467

# Harmonies

## Analogous

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



136.9590, -7.3748, 78.9660



136.1820, -29.1767, 71.7544



134.6740, -45.6883, 47.6439

# Triad

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



136.1820, -29.1767, 71.7544



106.0040, -0.0020, -92.9655



130.7050, 50.9244, -47.0993

# Complementary

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



136.1820, -29.1767, 71.7544



158.8180, 29.1767, -71.7544

# 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.



116.0310, 56.1867, -101.7592



136.1820, -29.1767, 71.7544



112.8780, 21.2591, -98.9940

# Square

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



136.1820, -29.1767, 71.7544



125.4580, -31.7778, -27.5887



116.9480, 41.9306, -102.5634



142.7690, 34.1309, 19.4966



# Rectangle

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



136.1820, -29.1767, 71.7544



132.5050, -49.5490, 25.8671



116.9480, 41.9306, -102.5634



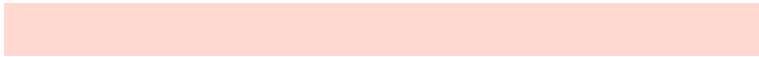
111.4320, 61.4120, -97.7259

# Sweetspot

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



136.1820, -29.1767, 71.7544



227.2220, -9.9694, 24.3613



132.0410, 28.5738, 75.3860



110.4920, -6.1586, 15.3545



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.



136.1820, -29.1767, 71.7544



139.5680, -41.1990, 101.2339



177.2720, -49.4341, 35.7185



103.4630, -2.2003, 5.7329



72.8590, -35.9195, 87.8237



19.0370, -9.3852, 23.6466



# Inverse Universe

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



158.8180, 29.1767, -71.7544



171.4320, 41.1990, -101.2339



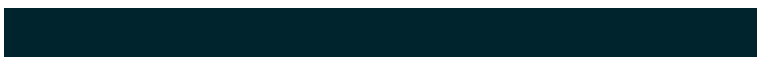
117.7280, 49.4341, -35.7185



104.9500, 2.4896, -5.2182



100.7280, 35.6301, -88.3385

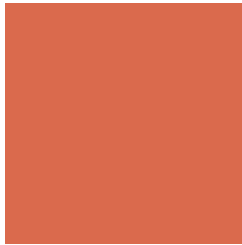


26.3760, 9.6746, -23.1318



# Previews

## White Background



This preview shows how the YUV color 136.1820, -29.1767, 71.7544 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 136.1820, -29.1767, 71.7544 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 136.1820, -29.1767, 71.7544 Background



This preview shows how black text looks on a background with the YUV color 136.1820, -29.1767, 71.7544.



This preview shows how white text looks on a background with the YUV color 136.1820, -29.1767, 71.7544.

71.7544.

# 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

136.1820, -29.1767, 71.7544

### Protanopia

137.1870, -23.7562, 12.9910

### Deuteranopia

137.4080, -32.2461, 29.4602



## Tritanopia

138.0800, -14.3364, 71.8438

# Trichromacy



## Original Color

136.1820, -29.1767, 71.7544

## Protanomaly

136.8630, -25.5685, 34.3231

## Deuteranomaly

136.8490, -30.9846, 44.8594

## Tritanomaly

137.0000, -19.7200, 71.9140

# Monochromacy



## Original Color

136.1820, -29.1767, 71.7544

## Achromatopsia

136.0000, 0.0000, 0.0000

## Achromatomaly

136.1190, -10.4117, 26.2056

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 136.1820, -29.1767, 71.7544 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(218, 106, 77)` looks like.

```
.text, #text, p{  
    color:rgb(218, 106, 77)  
}
```

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(218, 106, 77) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 106, 77) }
```

## Border

The CSS property to change the border of an element to YUV 136.1820, -29.1767, 71.7544 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(218, 106, 77) }
```



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

```
.border{ border-color:rgb(218, 106, 77) }
```

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

Here you see how a box with a 4 pixel rgb(218, 106, 77) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 106, 77); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 106, 77);  
box-shadow:4px 4px 4px 4px rgb(218, 106,  
77) }
```

# Background

The CSS property to change the background color of an element to YUV 136.1820, -29.1767, 71.7544 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 106, 77) }
```

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

```
.background{ background-color: rgb(218,  
106, 77) }
```

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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