

# Converting Colors

YUV(126.5340, -43.1543,  
74.9537)

Have a look what the booklet for  
YUV(126.5340, -43.1543, 74.9537)  
contains.

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# Color

**YUV(126.5340, -43.1543,  
74.9537)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	D46427
RGB	212, 100, 39
RGB Percent	83%, 39%, 15%
CMY	0.1686, 0.6078, 0.8471
CMYK	0.00, 0.53, 0.82, 0.17
HSL	21°, 69%, 49%
HSV	21°, 82%, 83%
XYZ	32.0748, 23.2579, 4.7181
YIQ	126.5340, 86.3330, 4.7730

# Conversions

## Conversions Part 2

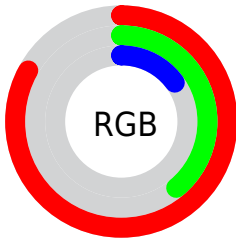
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	212, 133, 39
Decimal	13919271
CIE <sub>Lab</sub>	55.34, 40.62, 52.75
CIE <sub>LCh</sub>	55, 66.574, 52.401
Yxy	23.2579, 0.5341, 0.3873
Android (android.graphics.Color)	4292109351 (0xFFD46427)
YUV	126.5340, -43.1543, 74.9537
Hunter-Lab	48.2264, 34.3218, 27.9580

# Details

The YUV color **126.5340, -43.1543, 74.9537** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark washed orange. A complement of this color would be **124.4660, 43.1543, -74.9537**, and the grayscale version is **127.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **176.2020, -42.9906, 69.1058**, and **73.6130, -36.2912, 66.9914** is the 20% darker color. If you saturate the color by 10%, you get **115.9220, -48.2755, 84.2604**, and if you desaturate by 10%, it is **137.1460, -38.0330, 65.6470**.

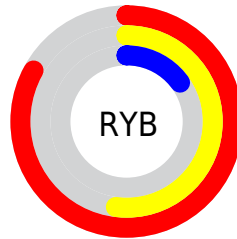
# Distribution



Red (83%)

Green (39%)

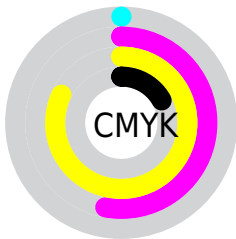
Blue (15%)



Red (83%)

Yellow (52%)

Blue (15%)

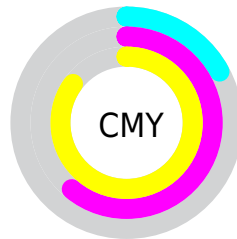


Cyan (0%)

Magenta (53%)

Yellow (82%)

Black (17%)



Cyan (17%)

Magenta (61%)

Yellow (85%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 126.5340, -43.1543, 74.9537 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 126.5340, -43.1543, 74.9537 by changing the saturation by 10% instead.





 126.5340,  
-43.1543, 74.9537

 126.5340,  
-43.1543, 74.9537


255.0000, 0.0000,  
0.0000


 98.8110, -43.2908,  
72.0798


 176.2020,  
-42.9906, 69.1058


 73.6130, -36.2912,  
66.9914


 195.0150,  
-39.4474, 52.6068


 48.2070, -23.7661,  
62.9625


 215.0020,  
-36.4830, 35.0782

 26.9100, -13.2666,  
55.3299

 234.5160,  
-32.7924, 17.9645

 18.5380, -9.1392,  
38.1162

 248.2740,  
-25.7711, 5.8987

 10.2800, -4.5750,  
20.8024

 251.4660,

 0.0000, 0.0000,

-13.5407, 3.0993

0.0000

254.7720, -0.8736,  
0.2000

■ 126.5340,  
-43.1543, 74.9537

■ 126.5340,  
-43.1543, 74.9537

■ 115.9220,  
-48.2755, 84.2604

■ 137.1460,  
-38.0330, 65.6470

■ 107.4130,  
-52.9546, 91.7228

■ 147.1710,  
-32.6223, 56.8550

■ 157.8970,  
-27.0642, 47.4483

■ 168.5090,  
-21.9429, 38.1416

■ 179.1210,  
-16.8217, 28.8349

■ 189.1460,  
-11.4110, 20.0430

■ 199.7580, -6.2897,  
10.7362

■ 210.4840, -0.7316,  
1.3295

■ 221.0960, 4.3897,  
-7.9772

# Harmonies

## Analogous

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



124.1800, -15.8647, 95.4351



126.5340, -43.1543, 74.9537



124.5040, -61.3805, 40.7770

# Triad

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



126.5340, -43.1543, 74.9537



105.8560, 4.5080, -92.8357



129.7490, 54.3537, -26.9669

# Complementary

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



126.5340, -43.1543, 74.9537



124.4660, 43.1543, -74.9537

# 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.



112.8000, 66.6536, -98.9256



126.5340, -43.1543, 74.9537



113.2830, 30.4265, -99.3492

# Square

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



126.5340, -43.1543, 74.9537



104.5670, -23.9435, -67.1493



116.4070, 52.5503, -102.0889



135.5210, 33.7601, 45.1471



# Rectangle

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



126.5340, -43.1543, 74.9537



121.3820, -59.8413, 13.6970



116.4070, 52.5503, -102.0889



113.6120, 65.2673, -74.2047

# Sweetspot

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



126.5340, -43.1543, 74.9537



224.5660, -15.0690, 26.6906



103.4950, 23.4200, 95.1589



109.6940, -9.2161, 16.0544



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.



126.5340, -43.1543, 74.9537



131.4060, -62.3182, 108.3919



177.0160, -68.0419, 30.6810



101.6370, -2.7790, 4.7034



86.3490, -42.5701, 74.2389



21.6620, -10.6794, 18.7134

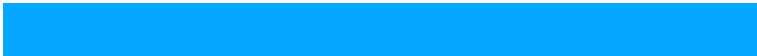


# Inverse Universe

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



124.4660, 43.1543, -74.9537



128.5940, 62.3182, -108.3919



73.9840, 68.0419, -30.6810



101.3630, 2.7790, -4.7034



84.6510, 42.5701, -74.2389



21.3380, 10.6794, -18.7134



# Previews

## White Background



This preview shows how the YUV color 126.5340, -43.1543, 74.9537 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 126.5340, -43.1543, 74.9537 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 126.5340, -43.1543, 74.9537

## Background



This preview shows how black text looks on a background with the YUV color 126.5340, -43.1543, 74.9537.



This preview shows how white text looks on a background with the YUV color 126.5340, -43.1543, 74.9537.



# 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

126.5340, -43.1543, 74.9537

### Protanopia

128.0940, -39.4863, 18.3346

### Deuteranopia

127.5000, -48.5605, 35.5185



## Tritanopia

130.5640, -15.0681, 73.1734

# Trichromacy



## Original Color

126.5340, -43.1543, 74.9537

## Protanomaly

127.5850, -40.7144, 38.9520

## Deuteranomaly

127.4570, -46.5673, 49.5882

## Tritanomaly

128.9310, -25.1090, 73.7285

# Monochromacy



## Original Color

126.5340, -43.1543, 74.9537

## Achromatopsia

127.0000, 0.0000, 0.0000

## Achromatomaly

126.7510, -15.6532, 27.4054

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 126.5340, -43.1543, 74.9537 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, 100, 39)` looks like.

```
.text, #text, p{  
    color:rgb(212, 100, 39)  
}
```

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, 100, 39) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 100, 39) }
```

## Border

The CSS property to change the border of an element to YUV 126.5340, -43.1543, 74.9537 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, 100, 39) }
```



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

```
.border{ border-color:rgb(212, 100, 39) }
```

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

Here you see how a box with a 4 pixel rgb(212, 100, 39) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 100, 39); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 100, 39);  
box-shadow:4px 4px 4px 4px rgb(212, 100,  
39) }
```

# Background

The CSS property to change the background color of an element to YUV 126.5340, -43.1543, 74.9537 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 100, 39) }
```

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

```
.background{ background-color: rgb(212,  
100, 39) }
```

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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