

# Converting Colors

YUV(135.8650, -41.8384,  
72.9094)

Have a look what the booklet for  
YUV(135.8650, -41.8384, 72.9094)  
contains.

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# Color

**YUV(135.8650, -41.8384,  
72.9094)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	DB6E33
RGB	219, 110, 51
RGB Percent	86%, 43%, 20%
CMY	0.1412, 0.5686, 0.8000
CMYK	0.00, 0.50, 0.77, 0.14
HSL	21°, 70%, 53%
HSV	21°, 77%, 86%
XYZ	35.3869, 26.4509, 6.3724
YIQ	135.8650, 83.9030, 4.7590

# Conversions

## Conversions Part 2

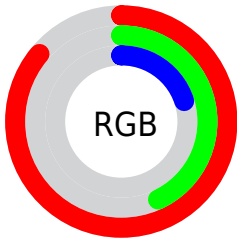
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	219, 142, 51
Decimal	14380595
CIE Lab	58.46, 38.74, 50.73
CIE LCh	58, 63.832, 52.636
Yxy	26.4509, 0.5188, 0.3878
Android (android.graphics.Color)	4292570675 (0xFFDB6E33)
YUV	135.8650, -41.8384, 72.9094
Hunter-Lab	51.4305, 32.8141, 28.6551

# Details

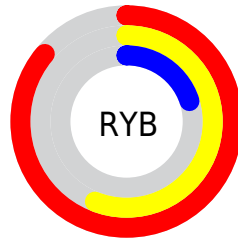
The YUV color **135.8650, -41.8384, 72.9094** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **134.1350, 41.8384, -72.9094**, and the grayscale version is **136.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **183.4400, -40.6429, 62.7581**, and **81.5760, -40.2170, 66.1468** is the 20% darker color. If you saturate the color by 10%, you get **125.1390, -47.3965, 82.3161**, and if you desaturate by 10%, it is **146.5910, -36.2804, 63.5027**.

# Distribution



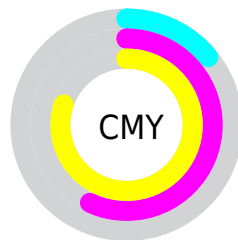
- Red (86%)
- Green (43%)
- Blue (20%)



- Red (86%)
- Yellow (56%)
- Blue (20%)



- Cyan (0%)
- Magenta (50%)
- Yellow (77%)
- Black (14%)



- Cyan (14%)
- Magenta (57%)
- Yellow (80%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 135.8650, -41.8384, 72.9094 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 135.8650, -41.8384, 72.9094 by changing the saturation by 10% instead.



135.8650,  
-41.8384, 72.9094

135.8650,  
-41.8384, 72.9094

255.0000, 0.0000,  
0.0000

108.4840,  
-40.6646, 69.7355

183.4400,  
-40.6429, 62.7581

81.5760, -40.2170,  
66.1468

202.8400,  
-37.3891, 45.7443

57.6430, -28.4180,  
61.7031

222.3540,  
-33.6985, 28.6305

31.0630, -15.3141,  
58.7037

242.4550,  
-30.2973, 11.0020

20.6310, -10.1711,  
42.4196

249.7560,  
-20.0927, 4.5990

13.2700, -6.0491,  
26.9502

253.0620, -7.4256,

0.0000, 0.0000,

1.6996

0.0000

■ 135.8650,  
-41.8384, 72.9094

■ 135.8650,  
-41.8384, 72.9094

■ 125.1390,  
-47.3965, 82.3161

■ 146.5910,  
-36.2804, 63.5027

■ 114.4130,  
-52.9546, 91.7228

■ 157.3170,  
-30.7223, 54.0960

■ 110.6800,  
-54.5652, 94.9966

■ 168.6300,  
-25.4536, 44.1745

■ 179.3560,  
-19.8955, 34.7678

■ 190.0820,  
-14.3374, 25.3611

■ 200.6940, -9.2161,  
16.0544

■ 211.4200, -3.6581,  
6.6477

■ 222.7330, 1.6106,  
-3.2738

■ 233.4590, 7.1687,  
-12.6805

# Harmonies

## Analogous

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



134.9300, -16.7275, 92.1464



135.8650, -41.8384, 72.9094



131.9340, -63.5645, 41.2769

# Triad

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



135.8650, -41.8384, 72.9094



111.5780, 6.1240, -97.8539



139.0870, 51.7221, -22.8783

# Complementary

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



135.8650, -41.8384, 72.9094



134.1350, 41.8384, -72.9094

# 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.



117.3650, 66.3751, -102.9291



135.8650, -41.8384, 72.9094



118.1900, 31.4583, -103.6526

# Square

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



135.8650, -41.8384, 72.9094



116.9100, -24.1126, -59.5571



121.2000, 53.1454, -106.2924



144.0540, 32.0184, 43.8026



# Rectangle

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



135.8650, -41.8384, 72.9094



128.7690, -63.4831, 15.1116



121.2000, 53.1454, -106.2924



128.6310, 59.8349, -58.4354

# Sweetspot

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



135.8650, -41.8384, 72.9094



225.9680, -14.7742, 25.4611



113.6580, 22.8466, 92.3849



109.8080, -8.7793, 15.9544



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.



135.8650, -41.8384, 72.9094



138.9860, -58.6601, 101.7443



185.1730, -66.1473, 29.6663



104.6370, -2.7790, 4.7034



87.5340, -43.1543, 74.9537



23.1460, -11.4110, 20.0430

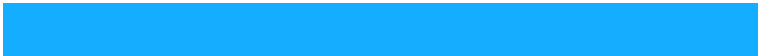


# Inverse Universe

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



134.1350, 41.8384, -72.9094



136.6010, 58.3707, -102.2591



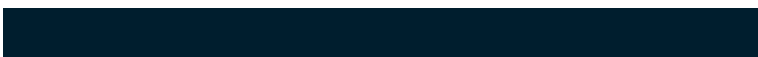
84.8270, 66.1473, -29.6663



104.3630, 2.7790, -4.7034



86.0530, 42.8649, -75.4685



22.8540, 11.4110, -20.0430



# Previews

## White Background



This preview shows how the YUV color 135.8650, -41.8384, 72.9094 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 135.8650, -41.8384, 72.9094 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 135.8650, -41.8384, 72.9094 Background



This preview shows how black text looks on a background with the YUV color 135.8650, -41.8384, 72.9094.



This preview shows how white text looks on a background with the YUV color 135.8650, -41.8384,



# 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

135.8650, -41.8384, 72.9094

### Protanopia

136.5500, -37.7391, 17.9347

### Deuteranopia

136.5970, -45.6503, 35.4334



## Tritanopia

140.0800, -14.3364, 71.8438

# Trichromacy



## Original Color

135.8650, -41.8384, 72.9094

## Protanomaly

136.6280, -39.2566, 38.0372

## Deuteranomaly

136.1410, -43.9465, 48.9883

## Tritanomaly

138.4470, -24.3774, 72.3990

# Monochromacy



## Original Color

135.8650, -41.8384, 72.9094

## Achromatopsia

136.0000, 0.0000, 0.0000

## Achromatomaly

136.1530, -15.3584, 26.1758

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 135.8650, -41.8384, 72.9094 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, 110, 51)` looks like.

```
.text, #text, p{  
    color:rgb(219, 110, 51)  
}
```

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, 110, 51) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 110, 51) }
```

## Border

The CSS property to change the border of an element to YUV 135.8650, -41.8384, 72.9094 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, 110, 51) }
```



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

```
.border{ border-color:rgb(219, 110, 51) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 110, 51)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 110, 51); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 110, 51);  
box-shadow:4px 4px 4px 4px rgb(219, 110,  
51) }
```

# Background

The CSS property to change the background color of an element to YUV 135.8650, -41.8384, 72.9094 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 110, 51) }
```

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

```
.background{ background-color: rgb(219,  
110, 51) }
```

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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