

Converting Colors

YUV(134.6310, -40.2441,
74.8686)

Have a look what the booklet for
YUV(134.6310, -40.2441, 74.8686)
contains.

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Color

**YUV(134.6310, -40.2441,
74.8686)**

Conversions

Conversions Part 1

Format	Color
Hex	DC6B35
RGB	220, 107, 53
RGB Percent	86%, 42%, 21%
CMY	0.1373, 0.5804, 0.7922
CMYK	0.00, 0.51, 0.76, 0.14
HSL	19°, 70%, 54%
HSV	19°, 76%, 86%
XYZ	35.4155, 25.9881, 6.5178
YIQ	134.6310, 84.6820, 7.1620

Conversions

Conversions Part 2

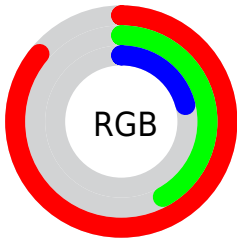
Format	Color
R_{YB}	220, 133, 53
Decimal	14445365
CIE _{Lab}	58.03, 40.72, 49.39
CIE _{LCh}	58, 64.014, 50.499
Yxy	25.9881, 0.5214, 0.3826
Android (android.graphics.Color)	4292635445 (0xFFDC6B35)
YUV	134.6310, -40.2441, 74.8686
Hunter-Lab	50.9785, 34.7941, 28.1045

Details

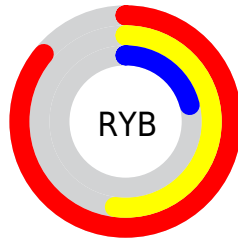
The YUV color **134.6310, -40.2441, 74.8686** is a dark color, and the websafe version is hex **CC6633**. The color can be described as dark muted orange. A complement of this color would be **138.3690, 40.2441, -74.8686**, and the grayscale version is **135.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **181.9070, -38.9012, 64.1026**, and **80.1140, -39.4962, 68.3060** is the 20% darker color. If you saturate the color by 10%, you get **123.3180, -45.5128, 84.7901**, and if you desaturate by 10%, it is **145.9440, -34.9754, 64.9471**.

Distribution



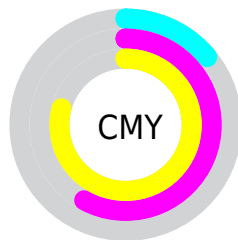
- Red (86%)
- Green (42%)
- Blue (21%)



- Red (86%)
- Yellow (52%)
- Blue (21%)



- Cyan (0%)
- Magenta (51%)
- Yellow (76%)
- Black (14%)



- Cyan (14%)
- Magenta (58%)
- Yellow (79%)

Brightness & Saturation Gradients

These gradients show how the YUV color 134.6310, -40.2441, 74.8686 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 134.6310, -40.2441, 74.8686 by changing the saturation by 10% instead.

134.6310,
-40.2441, 74.8686

134.6310,
-40.2441, 74.8686

255.0000, 0.0000,
0.0000

107.2500,
-39.0703, 71.6947

181.9070,
-38.9012, 64.1026

80.1140, -39.4962,
68.3060

201.3070,
-35.6474, 47.0888

55.2950, -27.2604,
63.7623

220.7070,
-32.3936, 30.0750

29.3020, -14.4459,
60.2481

240.9220,
-28.5555, 12.3464

20.6310, -10.1711,
42.4196

249.9840,
-19.2191, 4.3990

13.2700, -6.0491,
26.9502

253.1760, -6.9888,

0.0000, 0.0000,

1.5996

0.0000

■ 134.6310,
-40.2441, 74.8686

■ 134.6310,
-40.2441, 74.8686

■ 123.3180,
-45.5128, 84.7901

■ 145.9440,
-34.9754, 64.9471

■ 112.0050,
-50.7815, 94.7116

■ 157.2570,
-29.7067, 55.0256

■ 107.4570,
-52.9763, 98.7002

■ 168.5700,
-24.4380, 45.1041

■ 179.8830,
-19.1693, 35.1826

■ 190.6090,
-13.6112, 25.7759

■ 201.9220, -8.3425,
15.8544

■ 213.2350, -3.0739,
5.9329

■ 224.5480, 2.1948,
-3.9886

■ 235.8610, 7.4635,
-13.9101

Harmonies

Analogous

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



133.7990, -14.6909, 92.2613



134.6310, -40.2441, 74.8686



131.5430, -63.8647, 44.2508

Triad

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



134.6310, -40.2441, 74.8686



109.8340, 4.5188, -96.3244



135.9120, 53.7804, -29.7408

Complementary

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



134.6310, -40.2441, 74.8686



138.3690, 40.2441, -74.8686

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.



117.1370, 65.5015, -102.7291



134.6310, -40.2441, 74.8686



117.0330, 29.5637, -102.6379

Square

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



134.6310, -40.2441, 74.8686



117.2590, -26.7497, -53.7241



120.7440, 51.3982, -105.8925



143.3740, 33.3396, 40.0140

Rectangle

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



134.6310, -40.2441, 74.8686



128.1930, -63.1991, 17.3707



120.7440, 51.3982, -105.8925



122.3520, 62.9305, -71.3457

Sweetspot

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



134.6310, -40.2441, 74.8686



224.7940, -14.1954, 26.4907



115.9290, 25.1780, 91.2703



109.2210, -8.4900, 16.4692



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.



134.6310, -40.2441, 74.8686



136.3930, -55.9027, 104.0183



182.7650, -63.9741, 32.6551



104.0500, -2.4896, 5.2182



84.5990, -41.7073, 77.5277



22.5590, -11.1216, 20.5578

Inverse Universe

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



138.3690, 40.2441, -74.8686



141.6070, 55.9027, -104.0183



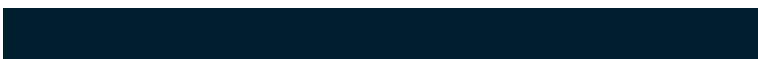
90.2350, 63.9741, -32.6551



104.3630, 2.7790, -4.7034



88.4010, 41.7073, -77.5277



23.4410, 11.1216, -20.5578

Previews

White Background



This preview shows how the YUV color 134.6310, -40.2441, 74.8686 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 134.6310, -40.2441, 74.8686 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 134.6310, -40.2441, 74.8686

Background



This preview shows how black text looks on a background with the YUV color 134.6310, -40.2441, 74.8686.



This preview shows how white text looks on a background with the YUV color 134.6310, -40.2441, 74.8686.

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

134.6310, -40.2441, 74.8686

Protanopia

135.7070, -35.8446, 16.9200

Deuteranopia

135.6400, -44.1925, 34.5187



Tritanopia

138.2760, -14.9261, 74.3029

Trichromacy



Original Color

134.6310, -40.2441, 74.8686

Protanomaly

135.3830, -37.6568, 38.2521

Deuteranomaly

135.4830, -42.6361, 48.6884

Tritanomaly

136.8710, -24.0934, 74.6581

Monochromacy



Original Color

134.6310, -40.2441, 74.8686

Achromatopsia

135.0000, 0.0000, 0.0000

Achromatomaly

134.9790, -14.7796, 27.2054

CSS Examples

Text

The CSS property to change the color of the text to YUV 134.6310, -40.2441, 74.8686 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, 107, 53)` looks like.

```
.text, #text, p{  
    color:rgb(220, 107, 53)  
}
```

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, 107, 53) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 107, 53) }
```

Border

The CSS property to change the border of an element to YUV 134.6310, -40.2441, 74.8686 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, 107, 53) }
```


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

```
.border{ border-color:rgb(220, 107, 53) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 107, 53)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 107, 53); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 107, 53);  
box-shadow:4px 4px 4px 4px rgb(220, 107,  
53) }
```

Background

The CSS property to change the background color of an element to YUV 134.6310, -40.2441, 74.8686 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 107, 53) }
```

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

```
.background{ background-color: rgb(220,  
107, 53) }
```

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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