

Converting Colors

YUV(153.3130, -34.6643,
58.4845)

Have a look what the booklet for
YUV(153.3130, -34.6643, 58.4845)
contains.

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Color

**YUV(153.3130, -34.6643,
58.4845)**

Conversions

Conversions Part 1

Format	Color
Hex	DC8553
RGB	220, 133, 83
RGB Percent	86%, 52%, 33%
CMY	0.1373, 0.4784, 0.6745
CMYK	0.00, 0.40, 0.62, 0.14
HSL	22°, 66%, 59%
HSV	22°, 62%, 86%
XYZ	39.4641, 32.6152, 12.3990
YIQ	153.3130, 67.9020, 2.8940

Conversions

Conversions Part 2

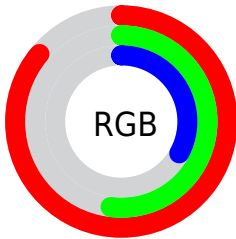
Format	Color
R _Y B	220, 162, 83
Decimal	14452051
CIE Lab	63.85, 28.84, 40.73
CIE LCh	64, 49.906, 54.697
Yxy	32.6152, 0.4672, 0.3861
Android (android.graphics.Color)	4292642131 (0xFFDC8553)
YUV	153.3130, -34.6643, 58.4845
Hunter-Lab	57.1097, 23.4053, 27.1045

Details

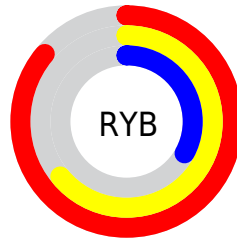
The YUV color **153.3130, -34.6643, 58.4845** is a dark color, and the websafe version is hex **FF9966**. The color can be described as middle muted orange. A complement of this color would be **149.6870, 34.6643, -58.4845**, and the grayscale version is **154.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **201.2900, -33.1740, 47.1037**, and **99.9640, -32.0273, 52.6516** is the 20% darker color. If you saturate the color by 10%, you get **142.5870, -40.2224, 67.8912**, and if you desaturate by 10%, it is **164.0390, -29.1062, 49.0778**.

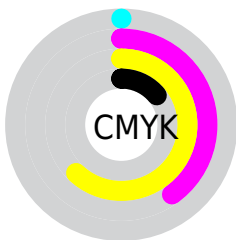
Distribution



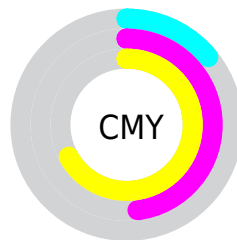
- Red (86%)
- Green (52%)
- Blue (33%)



- Red (86%)
- Yellow (64%)
- Blue (33%)



- Cyan (0%)
- Magenta (40%)
- Yellow (62%)
- Black (14%)



- Cyan (14%)
- Magenta (48%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YUV color 153.3130, -34.6643, 58.4845 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 153.3130, -34.6643, 58.4845 by changing the saturation by 10% instead.

153.3130,
-34.6643, 58.4845

153.3130,
-34.6643, 58.4845

255.0000, 0.0000,
0.0000

126.3450,
-33.2011, 55.8254

201.2900,
-33.1740, 47.1037

99.9640, -32.0273,
52.6516

220.6900,
-29.9202, 30.0899

74.4690, -31.2902,
49.5777

240.3180,
-25.7928, 12.8761

51.3420, -25.3116,
45.3041

250.5540,
-17.0351, 3.8991

28.2950, -13.9494,
40.9603

253.7460, -4.8048,
1.0998

14.6510, -7.2229,
30.1241

1.7940, -0.8844,

3.6887

■ 0.0000, 0.0000,
0.0000

■ 153.3130,
-34.6643, 58.4845

■ 153.3130,
-34.6643, 58.4845

■ 142.5870,
-40.2224, 67.8912

■ 164.0390,
-29.1062, 49.0778

■ 131.8610,
-45.7805, 77.2979

■ 174.7650,
-23.5481, 39.6711

■ 121.1350,
-51.3386, 86.7046

■ 185.4910,
-17.9901, 30.2644

■ 112.7400,
-55.5808, 94.0670

■ 196.2170,
-12.4320, 20.8577

■ 206.9430, -6.8739,
11.4510

■ 217.6690, -1.3158,
2.0443

■ 228.3950, 4.2423,
-7.3624

■ 238.6650, 8.0532,
-16.3692

■ 244.5350, 5.1592,
-21.5172

Harmonies

Analogous

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



154.3960, -16.9572, 72.4437



153.3130, -34.6643, 58.4845



151.1450, -43.4555, 31.4448

Triad

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



153.3130, -34.6643, 58.4845



120.4290, 12.1135, -105.6162



155.9610, 39.4592, -9.6128

Complementary

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



153.3130, -34.6643, 58.4845



149.6870, 34.6643, -58.4845

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.



133.2610, 54.1013, -86.1749



153.3130, -34.6643, 58.4845



125.5590, 31.7694, -110.1152

Square

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



153.3130, -34.6643, 58.4845



139.0890, -18.7779, -43.9281



126.7280, 48.9411, -111.1405



159.7190, 23.3095, 37.0804

Rectangle

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



153.3130, -34.6643, 58.4845



148.1700, -41.4958, 9.4979



126.7280, 48.9411, -111.1405



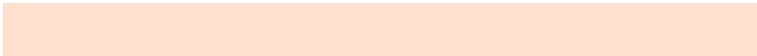
151.9800, 43.8869, -29.8005

Sweetspot

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



153.3130, -34.6643, 58.4845



231.3310, -11.9952, 20.7577



134.1090, 18.6803, 75.3264



113.4270, -7.6055, 12.7805



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.



153.3130, -34.6643, 58.4845



162.1990, -48.4121, 81.3865



192.0550, -53.7641, 24.5078



104.6370, -2.7790, 4.7034



88.7080, -43.7330, 73.9241



23.7330, -11.7004, 19.5282

Inverse Universe

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



149.6870, 34.6643, -58.4845



156.8010, 48.4121, -81.3865



110.9450, 53.7641, -24.5078



104.3630, 2.7790, -4.7034



84.2920, 43.7330, -73.9241



22.2670, 11.7004, -19.5282

Previews

White Background



This preview shows how the YUV color 153.3130, -34.6643, 58.4845 looks on a white background.

Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

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 153.3130, -34.6643, 58.4845 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

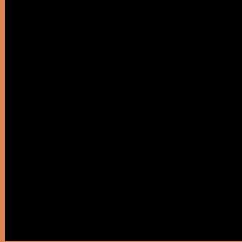
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

YUV 153.3130, -34.6643, 58.4845

Background



This preview shows how black text looks on a background with the YUV color 153.3130, -34.6643, 58.4845.



This preview shows how white text looks on a background with the YUV color 153.3130, -34.6643, 58.4845.

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

153.3130, -34.6643, 58.4845

Protanopia

152.1890, -30.1662, 15.6202

Deuteranopia

153.1050, -36.0408, 33.2339



Tritanopia

156.7300, -10.2199, 58.1188

Trichromacy



Original Color

153.3130, -34.6643, 58.4845

Protanomaly

152.5330, -31.8148, 31.1046

Deuteranomaly

153.5730, -35.7785, 42.4705

Tritanomaly

155.4390, -18.9504, 58.3740

Monochromacy



Original Color

153.3130, -34.6643, 58.4845

Achromatopsia

153.0000, 0.0000, 0.0000

Achromatomaly

153.2170, -12.4320, 20.8577

CSS Examples

Text

The CSS property to change the color of the text to YUV 153.3130, -34.6643, 58.4845 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, 133, 83)` looks like.

```
.text, #text, p{  
    color:rgb(220, 133, 83)  
}
```

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, 133, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 133, 83) }
```

Border

The CSS property to change the border of an element to YUV 153.3130, -34.6643, 58.4845 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, 133, 83) }
```


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

```
.border{ border-color:rgb(220, 133, 83) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 133, 83)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 133, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 133, 83);  
box-shadow:4px 4px 4px 4px rgb(220, 133,  
83) }
```

Background

The CSS property to change the background color of an element to YUV 153.3130, -34.6643, 58.4845 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 133, 83) }
```

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

```
.background{ background-color: rgb(220,  
133, 83) }
```

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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