

Converting Colors

YUV(171.4550, -43.6083,
33.8040)

Have a look what the booklet for
YUV(171.4550, -43.6083, 33.8040)
contains.

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Color

**YUV(171.4550, -43.6083,
33.8040)**

Conversions

Conversions Part 1

Format	Color
Hex	D2A953
RGB	210, 169, 83
RGB Percent	82%, 66%, 33%
CMY	0.1765, 0.3373, 0.6745
CMYK	0.00, 0.20, 0.60, 0.18
HSL	41°, 59%, 57%
HSV	41°, 60%, 82%
XYZ	42.3276, 42.7021, 14.1950
YIQ	171.4550, 52.0420, -18.0540

Conversions

Conversions Part 2

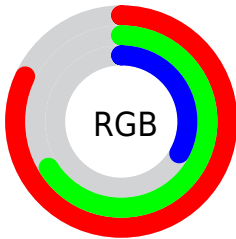
Format	Color
RYB	144, 210, 83
Decimal	13805907
CIELab	71.35, 5.31, 49.20
CIELCh	71, 49.481, 83.843
Yxy	42.7021, 0.4266, 0.4304
Android (android.graphics.Color)	4291995987 (0xFFD2A953)
YUV	171.4550, -43.6083, 33.8040
Hunter-Lab	65.3468, 1.2643, 32.8635

Details

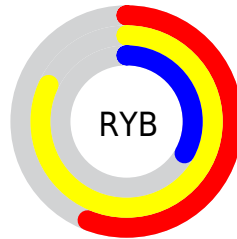
The YUV color **171.4550, -43.6083, 33.8040** is a light color, and the websafe version is hex **CC9933**. The color can be described as light muted orange. A complement of this color would be **121.5450, 43.6083, -33.8040**, and the grayscale version is **172.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **223.1230, -43.4446, 27.9561**, and **117.7750, -42.2871, 30.0153** is the 20% darker color. If you saturate the color by 10%, you get **164.9520, -50.7553, 39.5071**, and if you desaturate by 10%, it is **177.9580, -36.4613, 28.1008**.

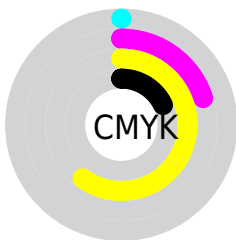
Distribution



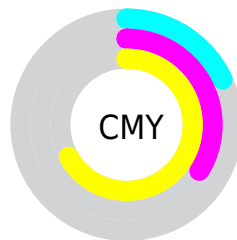
- Red (82%)
- Green (66%)
- Blue (33%)



- Red (56%)
- Yellow (82%)
- Blue (33%)



- Cyan (0%)
- Magenta (20%)
- Yellow (60%)
- Black (18%)



- Cyan (18%)
- Magenta (34%)
- Yellow (67%)

Brightness & Saturation Gradients

These gradients show how the YUV color 171.4550, -43.6083, 33.8040 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 171.4550, -43.6083, 33.8040 by changing the saturation by 10% instead.

■ 171.4550,
-43.6083, 33.8040

■ 171.4550,
-43.6083, 33.8040

■ 255.0000, 0.0000,
0.0000

■ 144.6720,
-42.7293, 31.8597

■ 223.1230,
-43.4446, 27.9561

■ 117.7750,
-42.2871, 30.0153

■ 243.2240,
-40.0434, 10.3276

■ 91.6670, -45.1918,
28.3560

■ 247.5900,
-28.3919, 6.4986

■ 69.5060, -34.2665,
24.1122

■ 250.7820,
-16.1615, 3.6992

■ 48.5190, -23.9199,
18.8388

■ 254.0880, -3.4944,
0.7998

■ 29.3040, -14.4469,
13.7654

■ 6.2680, -3.0901,

11.1660

■ 0.0000, 0.0000,
0.0000

■ 171.4550,
-43.6083, 33.8040

■ 171.4550,
-43.6083, 33.8040

■ 164.9520,
-50.7553, 39.5071

■ 177.9580,
-36.4613, 28.1008

■ 158.4490,
-57.9024, 45.2102

■ 184.4610,
-29.3143, 22.3977

■ 152.5330,
-65.3388, 50.3986

■ 190.3770,
-21.8779, 17.2094

■ 146.1440,
-72.0490, 56.0017

■ 196.8800,
-14.7308, 11.5062

■ 203.3830, -7.5838,
5.8031

■ 209.8860, -0.4368,
0.1000

■ 215.8020, 6.9996,
-5.0884

■ 222.3050, 14.1466,
-10.7915

■ 226.8700, 13.8681,
-14.7950

Harmonies

Analogous

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



174.2100, -35.1065, 60.3288



171.4550, -43.6083, 33.8040



167.2010, -38.5531, -1.0533

Triad

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



171.4550, -43.6083, 33.8040



139.5790, 34.7176, -122.4108



179.9470, 24.1831, 36.8805

Complementary

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



171.4550, -43.6083, 33.8040



121.5450, 43.6083, -33.8040

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.



176.1350, 38.8804, -10.6424



171.4550, -43.6083, 33.8040



141.4490, 52.0366, -124.0508

Square

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



171.4550, -43.6083, 33.8040



134.3350, 14.6248, -117.8118



157.1330, 48.2484, -75.5386



178.1560, 3.8671, 66.5152

Rectangle

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



171.4550, -43.6083, 33.8040



162.8970, -27.5572, -27.9737



157.1330, 48.2484, -75.5386



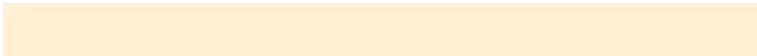
179.6400, 29.7575, 22.2407

Sweetspot

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



171.4550, -43.6083, 33.8040



240.9510, -15.7518, 12.3210



125.7610, -0.3752, 73.8776



118.8240, -9.7732, 8.0474



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.



171.4550, -43.6083, 33.8040



198.5760, -63.8810, 49.4838



189.2430, -52.3778, -0.2131



101.3980, -3.6472, 3.1590



117.1500, -57.7549, 44.5955



28.6950, -14.1466, 10.7915

Inverse Universe

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



121.5450, 43.6083, -33.8040



125.4240, 63.8810, -49.4838



103.7570, 52.3778, 0.2131



97.0150, 3.9366, -2.6442



50.8500, 57.7550, -44.5954



12.3050, 14.1466, -10.7915

Previews

White Background



This preview shows how the YUV color 171.4550, -43.6083, 33.8040 looks on a white background.

Color Contrast Check

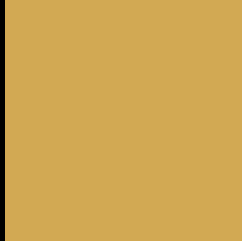
Large Text (above 18pt) WCAG AA × Fail

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 171.4550, -43.6083, 33.8040 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 171.4550, -43.6083, 33.8040

Background



This preview shows how black text looks on a background with the YUV color 171.4550, -43.6083, 33.8040.

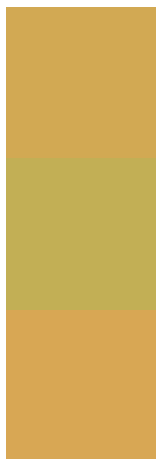


This preview shows how white text looks on a background with the YUV color 171.4550, -43.6083,

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

171.4550, -43.6083, 33.8040

Protanopia

170.4210, -42.1126, 20.6788

Deuteranopia

172.1890, -43.4772, 38.4222



Tritanopia

177.8240, -2.8712, 34.3574

Trichromacy



Original Color

171.4550, -43.6083, 33.8040

Protanomaly

170.9270, -42.8550, 25.4970

Deuteranomaly

172.1780, -43.4718, 36.6779

Tritanomaly

175.6270, -17.5641, 33.6531

Monochromacy



Original Color

171.4550, -43.6083, 33.8040

Achromatopsia

171.0000, 0.0000, 0.0000

Achromatomaly

170.9510, -15.7518, 12.3210

CSS Examples

Text

The CSS property to change the color of the text to YUV 171.4550, -43.6083, 33.8040 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(210, 169, 83)` looks like.

```
.text, #text, p{  
    color:rgb(210, 169, 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(210, 169, 83) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 169, 83) }
```

Border

The CSS property to change the border of an element to YUV 171.4550, -43.6083, 33.8040 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(210, 169, 83) }
```


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

```
.border{ border-color:rgb(210, 169, 83) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 169, 83)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 169, 83); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 169, 83);  
box-shadow:4px 4px 4px 4px rgb(210, 169,  
83) }
```

Background

The CSS property to change the background color of an element to YUV 171.4550, -43.6083, 33.8040 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 169, 83) }
```

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

```
.background{ background-color: rgb(210,  
169, 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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