

Converting Colors

YUV(175.0770, -33.5620,
31.5045)

Have a look what the booklet for
YUV(175.0770, -33.5620, 31.5045)
contains.

YUV(175.0770, -33.5620, 31.5045)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(175.0770, -33.5620,
31.5045)**

Conversions

Conversions Part 1

Format	Color
Hex	D3AA6B
RGB	211, 170, 107
RGB Percent	83%, 67%, 42%
CMY	0.1725, 0.3333, 0.5804
CMYK	0.00, 0.19, 0.49, 0.17
HSL	36°, 54%, 62%
HSV	36°, 49%, 83%
XYZ	43.8925, 43.6599, 20.0237
YIQ	175.0770, 44.6590, -10.9010

Conversions

Conversions Part 2

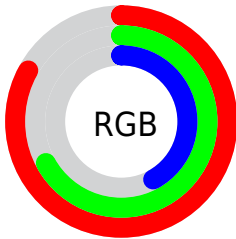
Format	Color
RYB	175, 211, 107
Decimal	13871723
CIELab	72.00, 7.16, 37.99
CIELCh	72, 38.660, 79.324
Yxy	43.6599, 0.4080, 0.4059
Android (android.graphics.Color)	4292061803 (0xFFD3AA6B)
YUV	175.0770, -33.5620, 31.5045
Hunter-Lab	66.0756, 2.9412, 28.2855

Details

The YUV color **175.0770, -33.5620, 31.5045** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **142.9230, 33.5620, -31.5045**, and the grayscale version is **175.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **226.4460, -33.2509, 25.0419**, and **121.9240, -31.5145, 28.1307** is the 20% darker color. If you saturate the color by 10%, you get **167.9870, -40.4196, 37.7224**, and if you desaturate by 10%, it is **182.1670, -26.7043, 25.2865**.

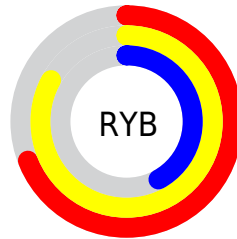
Distribution



Red (83%)

Green (67%)

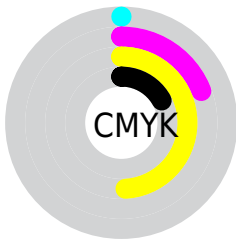
Blue (42%)



Red (69%)

Yellow (83%)

Blue (42%)

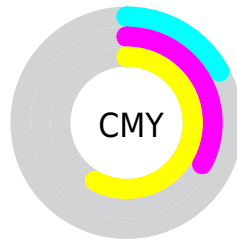


Cyan (0%)

Magenta (19%)

Yellow (49%)

Black (17%)



Cyan (17%)

Magenta (33%)

Yellow (58%)

Brightness & Saturation Gradients

These gradients show how the YUV color 175.0770, -33.5620, 31.5045 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 175.0770, -33.5620, 31.5045 by changing the saturation by 10% instead.

■ 175.0770,
-33.5620, 31.5045

■ 175.0770,
-33.5620, 31.5045

255.0000, 0.0000,
0.0000

■ 148.2940,
-32.6829, 29.5602

■ 226.4460,
-33.2509, 25.0419

■ 121.9240,
-31.5145, 28.1307

■ 246.6610,
-29.4129, 7.3133

■ 96.4400, -30.7829,
26.8011

■ 250.4400,
-17.4719, 3.9991

■ 72.0160, -31.0669,
24.5420

■ 253.6320, -5.2416,
1.1997

■ 50.3020, -24.7989,
20.7831

■ 30.2010, -14.8891,
15.6097

■ 7.7630, -3.8272,

14.2398

■ 0.0000, 0.0000,
0.0000

■ 175.0770,
-33.5620, 31.5045

■ 175.0770,
-33.5620, 31.5045

■ 167.9870,
-40.4196, 37.7224

■ 182.1670,
-26.7043, 25.2865

■ 160.3100,
-46.9878, 44.4551

■ 189.8440,
-20.1361, 18.5538

■ 153.2200,
-53.8455, 50.6731

■ 196.9340,
-13.2785, 12.3359

■ 146.1300,
-60.7031, 56.8910

■ 204.0240, -6.4208,
6.1180

■ 138.4530,
-67.2713, 63.6237

■ 211.7010, 0.1474,
-0.6148

■ 138.2250,
-68.1449, 63.8237

■ 218.9050, 7.4418,
-6.9327

■ 225.9950, 14.2995,
-13.1506

■ 231.2780, 11.6949,
-17.7838

■ 235.9740, 9.3798,
-21.9022

Harmonies

Analogous

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



177.4460, -26.3489, 51.3519



175.0770, -33.5620, 31.5045



171.5960, -30.8598, 4.7393

Triad

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



175.0770, -33.5620, 31.5045



148.5130, 24.8901, -96.9199



181.2460, 20.5847, 24.3403

Complementary

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



175.0770, -33.5620, 31.5045



142.9230, 33.5620, -31.5045

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.



177.1040, 32.4867, -13.2462



175.0770, -33.5620, 31.5045



150.4710, 38.7148, -97.7601

Square

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



175.0770, -33.5620, 31.5045



160.1420, 0.9160, -60.6375



166.7350, 38.5846, -55.8956



180.6870, 5.0843, 49.3865

Rectangle

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



175.0770, -33.5620, 31.5045



169.0000, -23.6640, -16.6630



166.7350, 38.5846, -55.8956



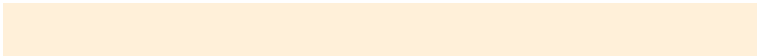
180.3200, 24.9852, 12.8744

Sweetspot

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



175.0770, -33.5620, 31.5045



241.8630, -12.2575, 11.5211



142.8840, 3.0152, 59.7377



119.5080, -7.1524, 7.4475



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.



175.0770, -33.5620, 31.5045



203.2670, -48.4456, 45.3698



196.1540, -43.9529, 4.2499



100.8110, -3.3578, 3.6738



110.1060, -54.2823, 50.7730



26.9340, -13.2785, 12.3359

Inverse Universe

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



142.9230, 33.5620, -31.5045



156.7330, 48.4456, -45.3698



121.8460, 43.9529, -4.2499



97.6020, 3.6472, -3.1590



57.8940, 54.2823, -50.7730



14.0660, 13.2785, -12.3359

Previews

White Background



This preview shows how the YUV color 175.0770, -33.5620, 31.5045 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 175.0770, -33.5620, 31.5045 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 175.0770, -33.5620, 31.5045

Background



This preview shows how black text looks on a background with the YUV color 175.0770, -33.5620, 31.5045.



This preview shows how white text looks on a background with the YUV color 175.0770, -33.5620, 31.5045.

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

175.0770, -33.5620, 31.5045

Protanopia

174.1460, -31.6240, 16.5350

Deuteranopia

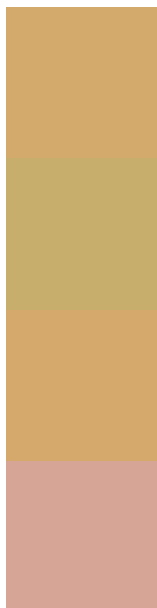
175.3870, -33.7148, 33.8636



Tritanopia

179.8130, -2.8658, 32.6130

Trichromacy



Original Color

175.0770, -33.5620, 31.5045

Protanomaly

174.3640, -32.2245, 22.4828

Deuteranomaly

175.0880, -33.5674, 33.2488

Tritanomaly

178.2400, -13.9223, 32.2385

Monochromacy



Original Color

175.0770, -33.5620, 31.5045

Achromatopsia

175.0000, 0.0000, 0.0000

Achromatomaly

174.8630, -12.2575, 11.5211

CSS Examples

Text

The CSS property to change the color of the text to YUV 175.0770, -33.5620, 31.5045 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(211, 170, 107)` looks like.

```
.text, #text, p{  
    color:rgb(211, 170, 107)  
}
```

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(211, 170, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 170, 107) }
```

Border

The CSS property to change the border of an element to YUV 175.0770, -33.5620, 31.5045 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(211, 170, 107) }
```


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

```
.border{ border-color:rgb(211, 170, 107) }
```

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

Here you see how a box with a 4 pixel rgb(211, 170, 107) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 170, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 170, 107);  
box-shadow:4px 4px 4px 4px rgb(211, 170,  
107) }
```

Background

The CSS property to change the background color of an element to YUV 175.0770, -33.5620, 31.5045 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 170, 107) }
```

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

```
.background{ background-color: rgb(211,  
170, 107) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor