

Converting Colors

YUV(173.6420, -33.8405,
27.5010)

Have a look what the booklet for
YUV(173.6420, -33.8405, 27.5010)
contains.

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Color

**YUV(173.6420, -33.8405,
27.5010)**

Conversions

Conversions Part 1

Format	Color
Hex	CDAB69
RGB	205, 171, 105
RGB Percent	80%, 67%, 41%
CMY	0.1961, 0.3294, 0.5882
CMYK	0.00, 0.17, 0.49, 0.20
HSL	40°, 50%, 61%
HSV	40°, 49%, 80%
XYZ	42.2895, 43.1249, 19.4596
YIQ	173.6420, 41.4500, -13.3180

Conversions

Conversions Part 2

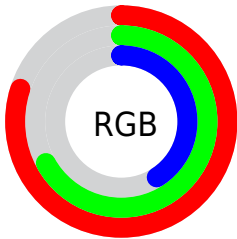
Format	Color
RYB	157, 205, 105
Decimal	13478761
CIELab	71.64, 3.95, 38.45
CIELCh	72, 38.649, 84.128
Yxy	43.1249, 0.4032, 0.4112
Android (android.graphics.Color)	4291668841 (0xFFCDAB69)
YUV	173.6420, -33.8405, 27.5010
Hunter-Lab	65.6695, 0.0279, 28.3995

Details

The YUV color **173.6420, -33.8405, 27.5010** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **136.3580, 33.8405, -27.5010**, and the grayscale version is **174.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **226.8050, -34.4139, 24.7270**, and **120.7880, -31.9405, 24.7419** is the 20% darker color. If you saturate the color by 10%, you get **167.1390, -40.9875, 33.2041**, and if you desaturate by 10%, it is **180.0310, -27.1303, 21.8978**.

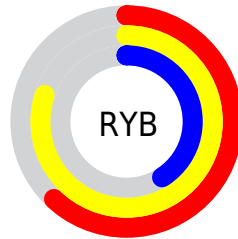
Distribution



Red (80%)

Green (67%)

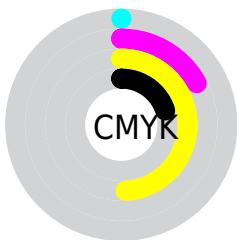
Blue (41%)



Red (62%)

Yellow (80%)

Blue (41%)

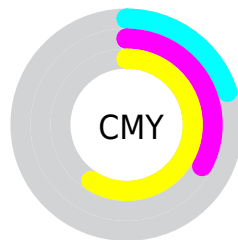


Cyan (0%)

Magenta (17%)

Yellow (49%)

Black (20%)



Cyan (20%)

Magenta (33%)

Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the YUV color 173.6420, -33.8405, 27.5010 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 173.6420, -33.8405, 27.5010 by changing the saturation by 10% instead.

■ 173.6420,
-33.8405, 27.5010

■ 173.6420,
-33.8405, 27.5010

255.0000, 0.0000,
0.0000

■ 146.8590,
-32.9615, 25.5567

■ 226.8050,
-34.4139, 24.7270

■ 120.7880,
-31.9405, 24.7419

■ 247.0200,
-30.5759, 6.9985

■ 95.0050, -31.0615,
22.7976

■ 250.2120,
-18.3455, 4.1991

■ 70.7660, -31.9296,
21.2532

■ 253.4040, -6.1152,
1.3997

■ 49.6930, -24.4986,
17.8092

■ 29.5920, -14.5889,
12.6358

■ 7.1430, -3.5215,

9.5216

■ 0.0000, 0.0000,
0.0000

■ 173.6420,
-33.8405, 27.5010

■ 173.6420,
-33.8405, 27.5010

■ 167.1390,
-40.9875, 33.2041

■ 180.0310,
-27.1303, 21.8978

■ 160.7500,
-47.6977, 38.8073

■ 186.5340,
-19.9833, 16.1947

■ 154.2470,
-54.8448, 44.5104

■ 193.0370,
-12.8362, 10.4916

■ 147.8580,
-61.5550, 50.1135

■ 199.4260, -6.1260,
4.8884

■ 141.4690,
-68.2652, 55.7167

■ 205.9290, 1.0210,
-0.8147

■ 140.5400,
-69.2862, 56.5314

■ 212.3180, 7.7312,
-6.4179

■ 218.8210, 14.8782,
-12.1210

■ 223.6140, 15.4733,
-16.3245

■ 227.7230, 13.4476,
-19.9281

Harmonies

Analogous

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



176.0820, -27.6484, 48.1631



173.6420, -33.8405, 27.5010



170.2040, -29.6806, -0.1789

Triad

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



173.6420, -33.8405, 27.5010



145.3920, 28.4007, -102.9528



179.9970, 18.2425, 28.9436

Complementary

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



173.6420, -33.8405, 27.5010



136.3580, 33.8405, -27.5010

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.



177.3930, 30.8653, -6.4837



173.6420, -33.8405, 27.5010



152.0310, 39.4247, -92.1122

Square

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



173.6420, -33.8405, 27.5010



157.4340, 4.7160, -66.1556



167.6650, 38.1262, -48.8182



179.9000, 2.0213, 51.8307

Rectangle

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



173.6420, -33.8405, 27.5010



167.2490, -21.3218, -21.2664



167.6650, 38.1262, -48.8182



179.7830, 22.7850, 18.6073

Sweetspot

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



173.6420, -33.8405, 27.5010



243.0370, -12.8362, 10.4916



138.8900, 0.5472, 57.9785



120.6820, -7.7312, 6.4179



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.



173.6420, -33.8405, 27.5010



207.9630, -50.7608, 41.2514



189.1150, -41.4687, 0.7761



99.0990, -3.4998, 2.5442



113.6170, -56.0132, 45.9399



26.0370, -12.8362, 10.4916

Inverse Universe

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



136.3580, 33.8405, -27.5010



152.0370, 50.7608, -41.2514



120.8850, 41.4687, -0.7761



94.9010, 3.4998, -2.5442



51.7960, 56.3026, -45.4251



11.9630, 12.8362, -10.4916

Previews

White Background



This preview shows how the YUV color 173.6420, -33.8405, 27.5010 looks on a white background.

Color Contrast Check

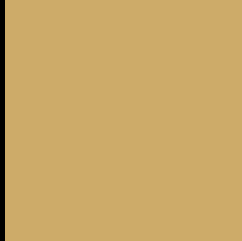
Large Text (above 18pt) WCAG AA × Fail

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 173.6420, -33.8405, 27.5010 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

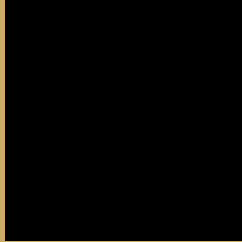
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 173.6420, -33.8405, 27.5010

Background



This preview shows how black text looks on a background with the YUV color 173.6420, -33.8405, 27.5010.



This preview shows how white text looks on a background with the YUV color 173.6420, -33.8405, 27.5010.

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

173.6420, -33.8405, 27.5010

Protanopia

172.9180, -32.4976, 16.7349

Deuteranopia

174.3870, -33.7148, 33.8636



Tritanopia

179.0190, -1.9814, 28.9243

Trichromacy



Original Color

173.6420, -33.8405, 27.5010

Protanomaly

173.1250, -33.0926, 20.9384

Deuteranomaly

174.0770, -33.5620, 31.5045

Tritanomaly

177.0330, -13.3273, 28.0351

Monochromacy



Original Color

173.6420, -33.8405, 27.5010

Achromatopsia

174.0000, 0.0000, 0.0000

Achromatomaly

173.8520, -12.2520, 9.7768

CSS Examples

Text

The CSS property to change the color of the text to YUV 173.6420, -33.8405, 27.5010 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(205, 171, 105)` looks like.

```
.text, #text, p{  
    color:rgb(205, 171, 105)  
}
```

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(205, 171, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 171, 105) }
```

Border

The CSS property to change the border of an element to YUV 173.6420, -33.8405, 27.5010 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(205, 171, 105) }
```


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

```
.border{ border-color:rgb(205, 171, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 171, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 171, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 171, 105);  
box-shadow:4px 4px 4px 4px rgb(205, 171,  
105) }
```

Background

The CSS property to change the background color of an element to YUV 173.6420, -33.8405, 27.5010 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 171, 105) }
```

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

```
.background{ background-color: rgb(205,  
171, 105) }
```

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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