

Converting Colors

YUV(168.1310, -32.1096,
32.3341)

Have a look what the booklet for
YUV(168.1310, -32.1096, 32.3341)
contains.

YUV(168.1310, -32.1096, 32.3341)	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(168.1310, -32.1096,
32.3341)**

Conversions

Conversions Part 1

Format	Color
Hex	CDA267
RGB	205, 162, 103
RGB Percent	80%, 64%, 40%
CMY	0.1961, 0.3647, 0.5961
CMYK	0.00, 0.21, 0.50, 0.20
HSL	35°, 50%, 60%
HSV	35°, 50%, 80%
XYZ	40.5453, 39.7991, 18.3770
YIQ	168.1310, 44.5670, -9.2330

Conversions

Conversions Part 2

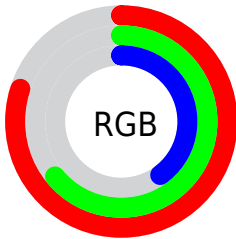
Format	Color
R _Y B	177, 205, 103
Decimal	13476455
CIE Lab	69.33, 8.60, 36.59
CIE LCh	69, 37.585, 76.766
Yxy	39.7991, 0.4107, 0.4031
Android (android.graphics.Color)	4291666535 (0xFFCDA267)
YUV	168.1310, -32.1096, 32.3341
Hunter-Lab	63.0865, 4.3196, 26.8895

Details

The YUV color **168.1310, -32.1096, 32.3341** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **139.8690, 32.1096, -32.3341**, and the grayscale version is **168.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **221.2940, -32.6829, 29.5602**, and **115.5650, -30.3515, 28.4455** is the 20% darker color. If you saturate the color by 10%, you get **160.5680, -38.2410, 38.9669**, and if you desaturate by 10%, it is **175.8080, -25.5413, 25.6014**.

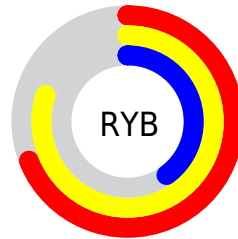
Distribution



Red (80%)

Green (64%)

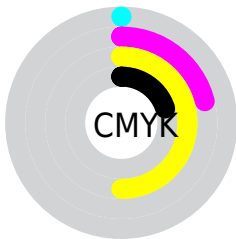
Blue (40%)



Red (69%)

Yellow (80%)

Blue (40%)

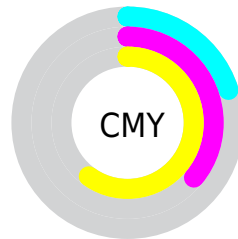


Cyan (0%)

Magenta (21%)

Yellow (50%)

Black (20%)



Cyan (20%)

Magenta (36%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YUV color 168.1310, -32.1096, 32.3341 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 168.1310, -32.1096, 32.3341 by changing the saturation by 10% instead.

■ 168.1310,
-32.1096, 32.3341

■ 168.1310,
-32.1096, 32.3341

255.0000, 0.0000,
0.0000

■ 141.3480,
-31.2306, 30.3898

■ 221.2940,
-32.6829, 29.5602

■ 115.5650,
-30.3515, 28.4455

■ 240.8080,
-28.9923, 12.4464

■ 90.1950, -29.1831,
27.0160

■ 249.8700,
-19.6559, 4.4990

■ 65.7710, -29.4671,
24.7568

■ 253.1760, -6.9888,
1.5996

■ 44.6980, -22.0361,
21.3129

■ 25.1840, -12.4157,
15.6246

■ 4.1860, -2.0637,

8.6069

■ 0.0000, 0.0000,
0.0000

■ 168.1310,
-32.1096, 32.3341

■ 168.1310,
-32.1096, 32.3341

■ 160.5680,
-38.2410, 38.9669

■ 175.8080,
-25.5413, 25.6014

■ 153.4780,
-45.0987, 45.1848

■ 182.7840,
-19.1205, 19.4834

■ 145.9150,
-51.2301, 51.8175

■ 190.4610,
-12.5523, 12.7507

■ 138.2380,
-57.7983, 58.5503

■ 198.0240, -6.4208,
6.1180

■ 131.2620,
-64.2192, 64.6682

■ 205.1140, 0.4368,
-0.1000

■ 131.1480,
-64.6560, 64.7682

■ 212.6770, 6.5682,
-6.7327

■ 219.7670, 13.4259,
-12.9507

■ 225.9620, 14.3157,
-18.3837

■ 231.2450, 11.7112,
-23.0169

Harmonies

Analogous

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



170.6030, -24.4543, 50.3372



168.1310, -32.1096, 32.3341



165.0200, -30.5759, 6.9985

Triad

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



168.1310, -32.1096, 32.3341



143.1610, 22.1056, -90.4722



173.9250, 20.7430, 20.2368

Complementary

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



168.1310, -32.1096, 32.3341



139.8690, 32.1096, -32.3341

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.



169.2670, 31.9134, -16.0202



168.1310, -32.1096, 32.3341



142.1290, 37.4044, -97.4601

Square

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



168.1310, -32.1096, 32.3341



153.5340, -0.2633, -55.7193



158.4960, 37.7165, -57.4400



173.3060, 6.2581, 46.2126

Rectangle

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



168.1310, -32.1096, 32.3341



161.9080, -24.1116, -13.0743



158.4960, 37.7165, -57.4400



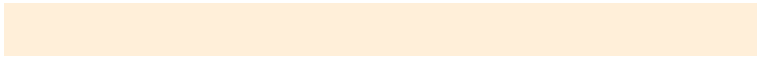
172.9990, 25.1435, 8.7709

Sweetspot

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



168.1310, -32.1096, 32.3341



241.2760, -11.9681, 12.0359



138.5140, 4.1836, 58.3082



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.



168.1310, -32.1096, 32.3341



199.4030, -48.0197, 48.7586



191.2790, -43.5215, 5.8943



98.5120, -3.2104, 3.0590



105.9860, -52.2511, 52.6323



24.2760, -11.9681, 12.0359

Inverse Universe

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



139.8690, 32.1096, -32.3341



157.5970, 48.0197, -48.7586



116.7210, 43.5215, -5.8943



95.4880, 3.2104, -3.0590



60.0140, 52.2511, -52.6323



13.7240, 11.9681, -12.0359

Previews

White Background



This preview shows how the YUV color 168.1310, -32.1096, 32.3341 looks on a white background.

Color Contrast Check

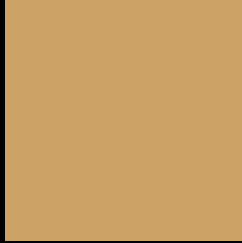
Large Text (above 18pt) WCAG AA × Fail

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 168.1310, -32.1096, 32.3341 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 168.1310, -32.1096, 32.3341 Background



This preview shows how black text looks on a background with the YUV color 168.1310, -32.1096, 32.3341.



This preview shows how white text looks on a background with the YUV color 168.1310, -32.1096, 32.3341.

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

168.1310, -32.1096, 32.3341

Protanopia

167.1890, -30.1662, 15.6202

Deuteranopia

168.1310, -32.1096, 32.3341



Tritanopia

172.4110, -3.1606, 33.8426

Trichromacy



Original Color

168.1310, -32.1096, 32.3341

Protanomaly

167.4070, -30.7667, 21.5681

Deuteranomaly

168.1310, -32.1096, 32.3341

Tritanomaly

170.9520, -13.7803, 33.3681

Monochromacy



Original Color

168.1310, -32.1096, 32.3341

Achromatopsia

168.0000, 0.0000, 0.0000

Achromatomaly

167.9770, -11.8207, 11.4212

CSS Examples

Text

The CSS property to change the color of the text to YUV 168.1310, -32.1096, 32.3341 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, 162, 103)` looks like.

```
.text, #text, p{  
    color:rgb(205, 162, 103)  
}
```

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, 162, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 162, 103) }
```

Border

The CSS property to change the border of an element to YUV 168.1310, -32.1096, 32.3341 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, 162, 103) }
```


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

```
.border{ border-color:rgb(205, 162, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 162, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 162, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 162, 103);  
box-shadow:4px 4px 4px 4px rgb(205, 162,  
103) }
```

Background

The CSS property to change the background color of an element to YUV 168.1310, -32.1096, 32.3341 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 162, 103) }
```

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

```
.background{ background-color: rgb(205,  
162, 103) }
```

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