

Converting Colors

YUV(166.0490, -10.8702,
33.2830)

Have a look what the booklet for
YUV(166.0490, -10.8702, 33.2830)
contains.

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Color

**YUV(166.0490, -10.8702,
33.2830)**

Conversions

Conversions Part 1

Format	Color
Hex	CC9790
RGB	204, 151, 144
RGB Percent	80%, 59%, 56%
CMY	0.2000, 0.4078, 0.4353
CMYK	0.00, 0.26, 0.29, 0.20
HSL	7°, 37%, 68%
HSV	7°, 29%, 80%
XYZ	41.0025, 36.9842, 31.3632
YIQ	166.0490, 33.8350, 9.0590

Conversions

Conversions Part 2

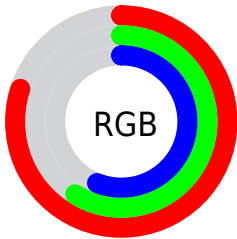
Format	Color
R_{YB}	204, 152, 144
Decimal	13408144
CIE _{Lab}	67.27, 18.90, 11.48
CIE _{LCh}	67, 22.109, 31.271
Yxy	36.9842, 0.3750, 0.3382
Android (android.graphics.Color)	4291598224 (0xFFCC9790)
YUV	166.0490, -10.8702, 33.2830
Hunter-Lab	60.8146, 13.9228, 11.9934

Details

The YUV color $166.0490, -10.8702, 33.2830$ is a light color, and the websafe version is hex $CC9999$. A complement of this color would be $181.9510, 10.8702, -33.2830$, and the grayscale version is $166.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $219.1520, -10.4279, 31.4387$, and $113.9670, -9.8437, 30.7239$ is the 20% darker color. If you saturate the color by 10%, you get $153.2030, -14.3971, 44.5490$, and if you desaturate by 10%, it is $178.8950, -7.3432, 22.0171$.

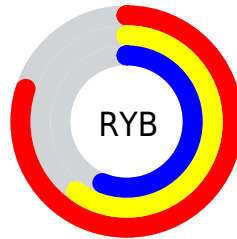
Distribution



Red (80%)

Green (59%)

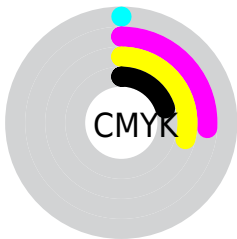
Blue (56%)



Red (80%)

Yellow (60%)

Blue (56%)

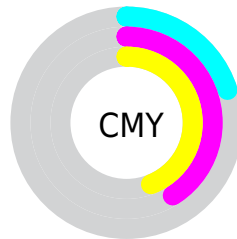


Cyan (0%)

Magenta (26%)

Yellow (29%)

Black (20%)



Cyan (20%)

Magenta (41%)

Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the YUV color 166.0490, -10.8702, 33.2830 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 166.0490, -10.8702, 33.2830 by changing the saturation by 10% instead.


 166.0490,
-10.8702, 33.2830


 166.0490,
-10.8702, 33.2830


255.0000, 0.0000,
0.0000

 139.4510,
-10.5753, 32.0535

 219.1520,
-10.4279, 31.4387


 113.9670, -9.8437,
30.7239


 239.3670, -6.5899,
13.7101

 89.0700, -9.4015,
28.8796

254.8860, -0.4368,
0.1000

 64.7000, -8.2331,
27.4501

 41.9170, -7.3541,
25.5058

 19.3360, -9.5326,
24.2613

 5.0830, -2.5059,

10.4512

■ 0.0000, 0.0000,
0.0000

■ 166.0490,
-10.8702, 33.2830

■ 166.0490,
-10.8702, 33.2830

■ 153.2030,
-14.3971, 44.5490

■ 178.8950, -7.3432,
22.0171

■ 140.2430,
-18.3608, 55.9149

■ 191.8550, -3.3795,
10.6512

■ 127.3970,
-21.8877, 67.1808

■ 204.7010, 0.1474,
-0.6148

■ 114.4370,
-25.8514, 78.5468

■ 217.6610, 4.1111,
-11.9807

■ 101.5910,
-29.3784, 89.8127

■ 230.5070, 7.6380,
-23.2466

■ 88.7450, -32.9053,
101.0786

■ 239.7510, 7.5178,
-31.3536

■ 75.7850, -36.8690,
112.4446

■ 75.0840, -37.0164,
113.0593

Harmonies

Analogous

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



167.4430, -1.6974, 31.1835



166.0490, -10.8702, 33.2830



164.5830, -17.5424, 26.6757

Triad

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



166.0490, -10.8702, 33.2830



157.7340, -6.7709, -21.6917



162.1560, 20.1361, -18.5538

Complementary

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



166.0490, -10.8702, 33.2830



181.9510, 10.8702, -33.2830

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.



157.9320, 19.7535, -35.8974



166.0490, -10.8702, 33.2830



155.8060, 4.0396, -35.7869

Square

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



166.0490, -10.8702, 33.2830



160.5530, -15.5556, -3.9930



155.1070, 14.2442, -42.1898



165.5500, 15.9978, 2.1486

Rectangle

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



166.0490, -10.8702, 33.2830



163.1860, -18.8257, 18.2539



155.1070, 14.2442, -42.1898



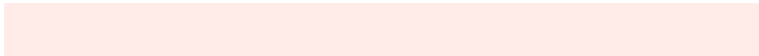
160.6390, 20.8840, -25.1164

Sweetspot

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



166.0490, -10.8702, 33.2830



240.6380, -4.2585, 12.5955



167.9820, 14.3059, 31.5878



118.6590, -2.7899, 8.1921



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.



166.0490, -10.8702, 33.2830



198.4810, -16.0131, 49.5672



183.6590, -19.5519, 17.8391



95.5770, -1.7635, 5.6330



60.7870, -29.9680, 92.2718



13.7100, -6.7590, 21.3023

Inverse Universe

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



181.9510, 10.8702, -33.2830



222.5190, 16.0131, -49.5672



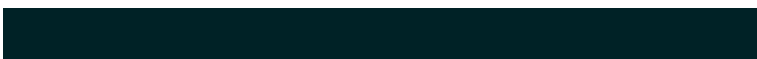
164.3410, 19.5519, -17.8391



98.4230, 1.7635, -5.6330



104.6260, 30.2574, -91.7570



24.2900, 6.7590, -21.3023

Previews

White Background



This preview shows how the YUV color 166.0490, -10.8702, 33.2830 looks on a white background.

Color Contrast Check

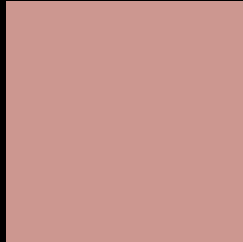
Large Text (above 18pt) WCAG AA × Fail

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 166.0490, -10.8702, 33.2830 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

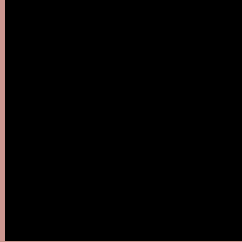
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 166.0490, -10.8702, 33.2830

Background



This preview shows how black text looks on a background with the YUV color 166.0490, -10.8702, 33.2830.



This preview shows how white text looks on a background with the YUV color 166.0490, -10.8702, 33.2830.

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

166.0490, -10.8702, 33.2830

Protanopia

163.6110, -6.7102, 5.6032

Deuteranopia

165.2600, -10.9742, 19.9430



Tritanopia

167.2970, -3.5974, 33.9425

Trichromacy



Original Color

166.0490, -10.8702, 33.2830

Protanomaly

164.6230, -8.1951, 15.2396

Deuteranomaly

165.2930, -10.9904, 25.1760

Tritanomaly

166.9010, -6.3602, 33.4128

Monochromacy



Original Color

166.0490, -10.8702, 33.2830

Achromatopsia

166.0000, 0.0000, 0.0000

Achromatomaly

166.3390, -4.1111, 11.9807

CSS Examples

Text

The CSS property to change the color of the text to YUV 166.0490, -10.8702, 33.2830 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(204, 151, 144)` looks like.

```
.text, #text, p{  
    color:rgb(204, 151, 144)  
}
```

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(204, 151, 144) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 151, 144) }
```

Border

The CSS property to change the border of an element to YUV 166.0490, -10.8702, 33.2830 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(204, 151, 144) }
```


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

```
.border{ border-color:rgb(204, 151, 144) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 151, 144)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 151, 144); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 151, 144);  
box-shadow:4px 4px 4px 4px rgb(204, 151,  
144) }
```

Background

The CSS property to change the background color of an element to YUV 166.0490, -10.8702, 33.2830 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 151, 144) }
```

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

```
.background{ background-color: rgb(204,  
151, 144) }
```

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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