

Converting Colors

YUV(168.4860, -33.7636,
49.5628)

Have a look what the booklet for
YUV(168.4860, -33.7636, 49.5628)
contains.

YUV(168.4860, -33.7636, 49.5628)	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(168.4860, -33.7636,
49.5628)**

Conversions

Conversions Part 1

Format	Color
Hex	E19964
RGB	225, 153, 100
RGB Percent	88%, 60%, 39%
CMY	0.1176, 0.4000, 0.6078
CMYK	0.00, 0.32, 0.56, 0.12
HSL	25°, 68%, 64%
HSV	25°, 56%, 88%
XYZ	44.7428, 39.7101, 17.3632
YIQ	168.4860, 59.9250, -1.2190

Conversions

Conversions Part 2

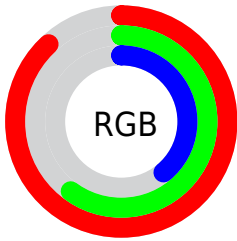
Format	Color
R_{YB}	225, 192, 100
Decimal	14784868
CIE _{Lab}	69.26, 21.44, 38.55
CIE _{LCh}	69, 44.111, 60.915
Yxy	39.7101, 0.4394, 0.3900
Android (android.graphics.Color)	4292974948 (0xFFE19964)
YUV	168.4860, -33.7636, 49.5628
Hunter-Lab	63.0160, 16.4613, 27.7746

Details

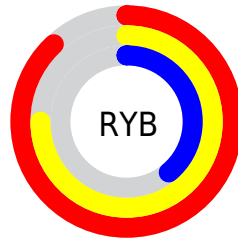
The YUV color **168.4860, -33.7636, 49.5628** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **156.5140, 33.7636, -49.5628**, and the grayscale version is **169.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **215.6690, -31.3888, 34.4933**, and **115.3220, -31.7107, 44.4446** is the 20% darker color. If you saturate the color by 10%, you get **158.3470, -39.6111, 58.4547**, and if you desaturate by 10%, it is **178.7390, -27.4793, 40.5709**.

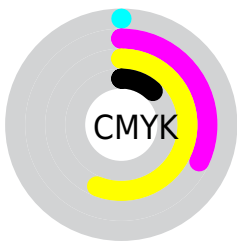
Distribution



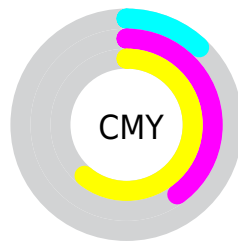
- Red (88%)
- Green (60%)
- Blue (39%)



- Red (88%)
- Yellow (75%)
- Blue (39%)



- Cyan (0%)
- Magenta (32%)
- Yellow (56%)
- Black (12%)



- Cyan (12%)
- Magenta (40%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the YUV color 168.4860, -33.7636, 49.5628 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 168.4860, -33.7636, 49.5628 by changing the saturation by 10% instead.

■ 168.4860,
-33.7636, 49.5628

■ 168.4860,
-33.7636, 49.5628

■ 255.0000, 0.0000,
0.0000

■ 141.4040,
-32.7372, 47.0037

■ 215.6690,
-31.3888, 34.4933

■ 115.3220,
-31.7107, 44.4446

■ 235.1830,
-27.6982, 17.3795

■ 89.6530, -30.3949,
42.4003

■ 249.5280,
-20.9663, 4.7989

■ 64.9300, -30.5315,
39.5264

■ 252.7200, -8.7360,
1.9996

■ 43.3020, -21.3479,
33.9381

■ 22.3150, -11.0013,
28.6647

■ 9.6820, -4.2802,

19.5729

■ 0.0000, 0.0000,
0.0000

■ 168.4860,
-33.7636, 49.5628

■ 168.4860,
-33.7636, 49.5628

■ 158.3470,
-39.6111, 58.4547

■ 178.7390,
-27.4793, 40.5709

■ 148.0940,
-45.8953, 67.4466

■ 188.8780,
-21.6319, 31.6790

■ 137.8410,
-52.1796, 76.4384

■ 199.1310,
-15.3476, 22.6871

■ 127.7020,
-58.0271, 85.3303

■ 209.2700, -9.5001,
13.7952

■ 123.0400,
-60.6587, 89.4189

■ 219.4090, -3.6526,
4.9033

■ 229.6620, 2.6316,
-4.0886

■ 239.5730, 7.6055,
-12.7805

■ 246.0300, 4.4222,
-18.4433

Harmonies

Analogous

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



170.2440, -19.8403, 63.8070



168.4860, -33.7636, 49.5628



165.7680, -38.3396, 23.8825

Triad

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



168.4860, -33.7636, 49.5628



134.9820, 16.7709, -106.1012



171.9040, 32.5853, 1.8382

Complementary

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



168.4860, -33.7636, 49.5628



156.5140, 33.7636, -49.5628

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.



161.9300, 42.9255, -48.1736



168.4860, -33.7636, 49.5628



134.7690, 36.5959, -118.1924

Square

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



168.4860, -33.7636, 49.5628



154.3860, -12.5153, -45.9425



134.5530, 50.9994, -118.0030



174.1340, 17.1889, 40.2245

Rectangle

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



168.4860, -33.7636, 49.5628



162.8470, -34.9276, 2.7652



134.5530, 50.9994, -118.0030



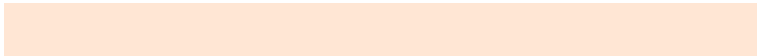
169.5430, 36.7073, -13.6312

Sweetspot

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



168.4860, -33.7636, 49.5628



235.4230, -11.5475, 17.1690



145.6970, 13.4604, 69.5487



116.2310, -7.0159, 10.3214



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.



168.4860, -33.7636, 49.5628



177.9800, -46.3321, 67.5465



204.8800, -51.7058, 17.6452



107.2240, -3.0684, 4.1886



96.6490, -47.6480, 69.5908



26.6790, -13.1527, 18.6985

Inverse Universe

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



156.5140, 33.7636, -49.5628



161.6070, 46.0427, -68.0613



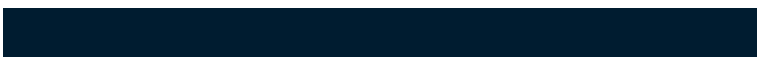
120.1200, 51.7058, -17.6452



105.7760, 3.0684, -4.1886



79.3510, 47.6480, -69.5908



21.9080, 12.8634, -19.2133

Previews

White Background



This preview shows how the YUV color 168.4860, -33.7636, 49.5628 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 168.4860, -33.7636, 49.5628 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

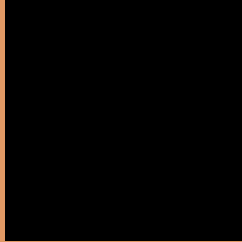
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 168.4860, -33.7636, 49.5628

Background



This preview shows how black text looks on a background with the YUV color 168.4860, -33.7636, 49.5628.



This preview shows how white text looks on a background with the YUV color 168.4860, -33.7636, 49.5628.

49.5628.

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

168.4860, -33.7636, 49.5628

Protanopia

166.6020, -29.8768, 16.1350

Deuteranopia

167.8600, -34.4410, 33.4488



Tritanopia

172.0710, -7.4300, 49.9267

Trichromacy



Original Color

168.4860, -33.7636, 49.5628

Protanomaly

167.3370, -31.2251, 28.6455

Deuteranomaly

168.3060, -34.1679, 39.1966

Tritanomaly

171.1390, -17.3235, 49.8671

Monochromacy



Original Color

168.4860, -33.7636, 49.5628

Achromatopsia

168.0000, 0.0000, 0.0000

Achromatomaly

168.4940, -12.5685, 17.9838

CSS Examples

Text

The CSS property to change the color of the text to YUV 168.4860, -33.7636, 49.5628 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(225, 153, 100)` looks like.

```
.text, #text, p{  
    color:rgb(225, 153, 100)  
}
```

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(225, 153, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 153, 100) }
```

Border

The CSS property to change the border of an element to YUV 168.4860, -33.7636, 49.5628 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(225, 153, 100) }
```


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

```
.border{ border-color:rgb(225, 153, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(225, 153, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 153, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 153, 100);  
box-shadow:4px 4px 4px 4px rgb(225, 153,  
100) }
```

Background

The CSS property to change the background color of an element to YUV 168.4860, -33.7636, 49.5628 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 153, 100) }
```

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

```
.background{ background-color: rgb(225,  
153, 100) }
```

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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