

Converting Colors

YUV(176.3160, -36.1448,
19.8939)

Have a look what the booklet for
YUV(176.3160, -36.1448, 19.8939)
contains.

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Color

**YUV(176.3160, -36.1448,
19.8939)**

Conversions

Conversions Part 1

Format	Color
Hex	C7B367
RGB	199, 179, 103
RGB Percent	78%, 70%, 40%
CMY	0.2196, 0.2980, 0.5961
CMYK	0.00, 0.10, 0.48, 0.22
HSL	47°, 46%, 59%
HSV	47°, 48%, 78%
XYZ	42.1215, 45.3616, 19.3676
YIQ	176.3160, 36.3160, -19.3960

Conversions

Conversions Part 2

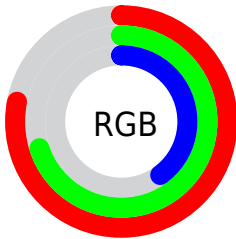
Format	Color
R_{YB}	128, 199, 103
Decimal	13087591
CIE _{Lab}	73.13, -2.97, 41.19
CIE _{LCh}	73, 41.300, 94.129
Yxy	45.3616, 0.3942, 0.4245
Android (android.graphics.Color)	4291277671 (0xFFC7B367)
YUV	176.3160, -36.1448, 19.8939
Hunter-Lab	67.3510, -6.2300, 30.0962

Details

The YUV color $176.3160, -36.1448, 19.8939$ is a light color, and the websafe version is hex `CCCC66`. A complement of this color would be $125.6840, 36.1448, -19.8939$, and the grayscale version is $177.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $231.8600, -37.8920, 20.2938$, and $123.3480, -34.6816, 17.2348$ is the 20% darker color. If you saturate the color by 10%, you get $171.6880, -43.7232, 23.9526$, and if you desaturate by 10%, it is $180.9440, -28.5664, 15.8351$.

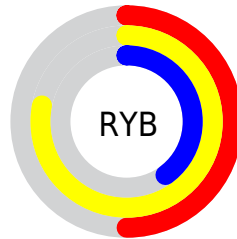
Distribution



Red (78%)

Green (70%)

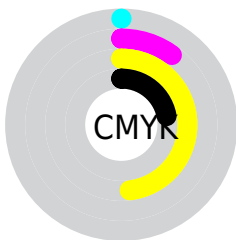
Blue (40%)



Red (50%)

Yellow (78%)

Blue (40%)

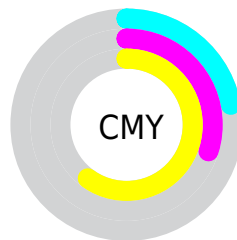


Cyan (0%)

Magenta (10%)

Yellow (48%)

Black (22%)



Cyan (22%)

Magenta (30%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YUV color 176.3160, -36.1448, 19.8939 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 176.3160, -36.1448, 19.8939 by changing the saturation by 10% instead.

■ 176.3160,
-36.1448, 19.8939

■ 176.3160,
-36.1448, 19.8939

255.0000, 0.0000,
0.0000

■ 149.2450,
-35.1238, 19.0791

■ 231.8600,
-37.8920, 20.2938

■ 123.3480,
-34.6816, 17.2348

■ 246.7920,
-31.4495, 7.1984

■ 97.8640, -33.9500,
15.9053

■ 249.9840,
-19.2191, 4.3990

■ 72.8100, -35.4023,
15.0756

■ 253.1760, -6.9888,
1.5996

■ 51.7200, -25.4980,
11.6466

■ 31.9180, -15.7356,
7.0879

■ 10.6210, -5.2362,

-0.5446

■ 0.0000, 0.0000,
0.0000

■ 176.3160,
-36.1448, 19.8939

■ 176.3160,
-36.1448, 19.8939

■ 171.6880,
-43.7232, 23.9526

■ 180.9440,
-28.5664, 15.8351

■ 167.0600,
-51.3016, 28.0114

■ 185.5720,
-20.9880, 11.7764

■ 162.4320,
-58.8800, 32.0701

■ 190.2000,
-13.4096, 7.7176

■ 157.2170,
-66.1690, 36.6437

■ 195.4150, -6.1206,
3.1440

■ 152.7030,
-73.3106, 40.6025

■ 200.0430, 1.4578,
-0.9147

■ 152.2470,
-75.0578, 41.0024

■ 204.5570, 8.5994,
-4.8735

■ 209.1850, 16.1778,
-8.9322

■ 213.0150, 20.6986,
-12.2912

■ 215.3630, 19.5410,
-14.3504

Harmonies

Analogous

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



179.2790, -33.1685, 45.3593



176.3160, -36.1448, 19.8939



172.1810, -28.1902, -11.5597

Triad

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



176.3160, -36.1448, 19.8939



141.4200, 39.2329, -124.0253



184.3360, 14.1314, 40.9243

Complementary

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



176.3160, -36.1448, 19.8939



125.6840, 36.1448, -19.8939

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.



183.3130, 28.9327, 6.7415



176.3160, -36.1448, 19.8939



157.9050, 43.9238, -88.4937

Square

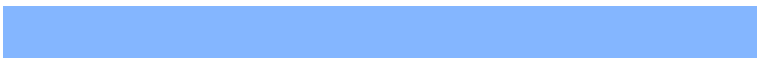
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



176.3160, -36.1448, 19.8939



154.2230, 14.6801, -88.7726



175.3720, 39.2566, -38.0372



183.1630, -3.5314, 59.4930

Rectangle

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



176.3160, -36.1448, 19.8939



168.3120, -16.9158, -34.4766



175.3720, 39.2566, -38.0372



184.6490, 19.4000, 31.0028

Sweetspot

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



176.3160, -36.1448, 19.8939



246.7870, -13.6990, 7.2028



134.0980, -4.9783, 56.9191



122.5570, -8.1626, 4.7735



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.



176.3160, -36.1448, 19.8939



219.9310, -55.6750, 30.7555



179.9830, -37.9526, -7.0011



96.8000, -3.3524, 1.9294



124.4600, -61.3588, 33.7996



27.2000, -13.4096, 7.7176

Inverse Universe

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



125.6840, 36.1448, -19.8939



142.0690, 55.6750, -30.7555



122.0170, 37.9526, 7.0011



92.2000, 3.3524, -1.9294



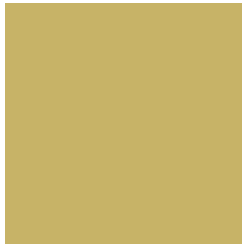
38.5400, 61.3588, -33.7996



8.2130, 13.6990, -7.2028

Previews

White Background



This preview shows how the YUV color 176.3160, -36.1448, 19.8939 looks on a white background.

Color Contrast Check

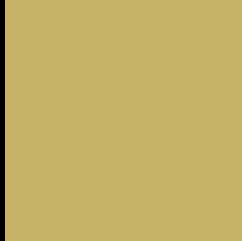
Large Text (above 18pt) WCAG AA × Fail

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 176.3160, -36.1448, 19.8939 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 176.3160, -36.1448, 19.8939

Background



This preview shows how black text looks on a background with the YUV color 176.3160, -36.1448, 19.8939.

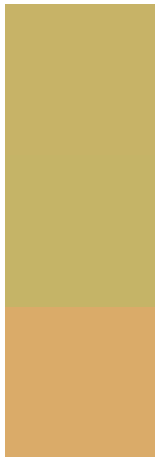


This preview shows how white text looks on a background with the YUV color 176.3160, -36.1448, 19.8939.

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

176.3160, -36.1448, 19.8939

Protanopia

176.3050, -36.1394, 18.1495

Deuteranopia

177.5290, -35.7568, 35.4931



Tritanopia

182.5450, 0.2243, 21.4470

Trichromacy



Original Color

176.3160, -36.1448, 19.8939

Protanomaly

176.6040, -36.2868, 18.7643

Deuteranomaly

177.0830, -36.0299, 29.7452

Tritanomaly

180.1030, -12.8688, 20.9577

Monochromacy



Original Color

176.3160, -36.1448, 19.8939

Achromatopsia

176.0000, 0.0000, 0.0000

Achromatomaly

175.9010, -13.2622, 7.1028

CSS Examples

Text

The CSS property to change the color of the text to YUV 176.3160, -36.1448, 19.8939 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(199, 179, 103)` looks like.

```
.text, #text, p{  
    color:rgb(199, 179, 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(199, 179, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 179, 103) }
```

Border

The CSS property to change the border of an element to YUV 176.3160, -36.1448, 19.8939 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(199, 179, 103) }
```


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

```
.border{ border-color:rgb(199, 179, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 179, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 179, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 179, 103);  
box-shadow:4px 4px 4px 4px rgb(199, 179,  
103) }
```

Background

The CSS property to change the background color of an element to YUV 176.3160, -36.1448, 19.8939 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 179, 103) }
```

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

```
.background{ background-color: rgb(199,  
179, 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](#).

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