

Converting Colors

YUV(177.5800, -36.7679,
-13.6637)

Have a look what the booklet for
YUV(177.5800, -36.7679, -13.6637)
contains.

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Color

**YUV(177.5800, -36.7679,
-13.6637)**

Conversions

Conversions Part 1

Format	Color
Hex	A2C867
RGB	162, 200, 103
RGB Percent	64%, 78%, 40%
CMY	0.3647, 0.2157, 0.5961
CMYK	0.19, 0.00, 0.48, 0.22
HSL	84°, 47%, 59%
HSV	84°, 48%, 78%
XYZ	38.0027, 49.9692, 20.4740
YIQ	177.5800, 8.4890, -38.2230

Conversions

Conversions Part 2

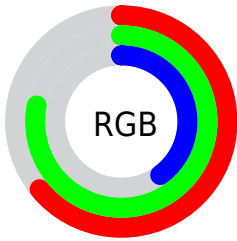
Format	Color
RYB	103, 200, 141
Decimal	10668135
CIELab	76.05, -28.42, 44.13
CIELCh	76, 52.486, 122.781
Yxy	49.9692, 0.3504, 0.4608
Android (android.graphics.Color)	4288858215 (0xFFA2C867)
YUV	177.5800, -36.7679, -13.6637
Hunter-Lab	70.6889, -27.7430, 32.3097

Details

The YUV color **177.5800, -36.7679, -13.6637** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **125.4200, 36.7679, 13.6637**, and the grayscale version is **178.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **232.6510, -37.7889, -12.8489**, and **123.9220, -35.4575, -13.9636** is the 20% darker color. If you saturate the color by 10%, you get **172.9080, -44.3246, -16.5823**, and if you desaturate by 10%, it is **182.2520, -29.2112, -10.7450**.

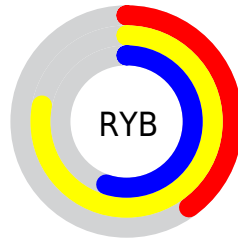
Distribution



Red (64%)

Green (78%)

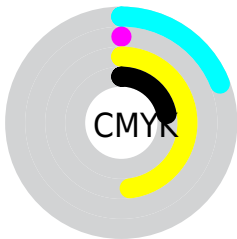
Blue (40%)



Red (40%)

Yellow (78%)

Blue (55%)

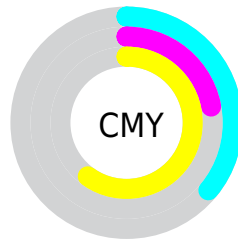


Cyan (19%)

Magenta (0%)

Yellow (48%)

Black (22%)



Cyan (36%)

Magenta (22%)

Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YUV color 177.5800, -36.7679, -13.6637 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 177.5800, -36.7679, -13.6637 by changing the saturation by 10% instead.

■ 177.5800,
-36.7679, -13.6637

■ 177.5800,
-36.7679, -13.6637

■ 255.0000, 0.0000,
0.0000

■ 150.6940,
-36.3311, -13.7636

■ 232.6510,
-37.7889, -12.8489

■ 123.9220,
-35.4575, -13.9636

■ 244.6990,
-30.4176, 2.8950

■ 97.9220, -35.4575,
-13.9636

■ 250.0980,
-18.7823, 4.2991

■ 72.5090, -35.7469,
-14.4784

■ 253.2900, -6.5520,
1.4997

■ 51.2450, -25.2638,
-16.8779

■ 28.1760, -13.8908,
-24.7104

■ 17.0230, -8.3923,

-14.9292

■ 0.0000, 0.0000,
0.0000

■ 177.5800,
-36.7679, -13.6637

■ 177.5800,
-36.7679, -13.6637

■ 172.9080,
-44.3246, -16.5823

■ 182.2520,
-29.2112, -10.7450

■ 168.2360,
-51.8813, -19.5010

■ 186.9240,
-21.6545, -7.8263

■ 163.5640,
-59.4381, -22.4196

■ 191.5960,
-14.0978, -4.9077

■ 159.1910,
-67.1422, -24.7235

■ 195.9690, -6.3937,
-2.6038

■ 154.5190,
-74.6989, -27.6422

■ 200.6410, 1.1630,
0.3148

■ 153.8780,
-75.8619, -27.9570

■ 205.3130, 8.7197,
3.2335

■ 209.9850, 16.2764,
6.1522

■ 213.7450, 20.3387,
9.8706

■ 216.1370, 19.1595,
14.7889

Harmonies

Analogous

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



182.6020, -46.6388, 25.7820



177.5800, -36.7679, -13.6637



168.0590, -13.3401, -61.4417

Triad

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



177.5800, -36.7679, -13.6637



148.8180, 52.3477, -130.5134



183.6240, 0.6784, 62.5968

Complementary

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



177.5800, -36.7679, -13.6637



125.4200, 36.7679, 13.6637

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.



192.5960, 19.9192, 51.2203



177.5800, -36.7679, -13.6637



174.6750, 39.6002, -54.9660

Square

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



177.5800, -36.7679, -13.6637



151.1030, 43.3332, -132.5173



189.5240, 32.2797, 6.5565



181.7880, -21.5875, 64.2069

Rectangle

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



177.5800, -36.7679, -13.6637



146.3730, 13.6201, -122.2301



189.5240, 32.2797, 6.5565



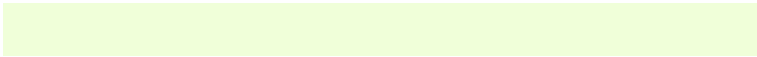
186.0350, 7.3777, 60.4823

Sweetspot

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



177.5800, -36.7679, -13.6637



246.1830, -14.3872, -5.4225



153.7220, -25.0059, 40.5858



122.6870, -8.7197, -3.2335



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.



177.5800, -36.7679, -13.6637



220.7860, -56.0965, -20.8603



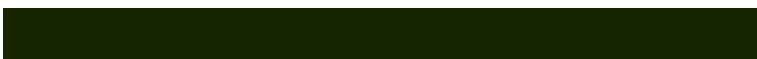
163.2280, -29.6924, -43.1730



97.0770, -3.4890, -0.9445



125.2820, -61.7640, -23.0493



27.7100, -13.6610, -5.0077

Inverse Universe

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



125.4200, 36.7679, 13.6637



141.2140, 56.0965, 20.8603



139.7720, 29.6924, 43.1730



91.9230, 3.4890, 0.9445



37.7180, 61.7640, 23.0493



8.2900, 13.6610, 5.0077

Previews

White Background



This preview shows how the YUV color 177.5800, -36.7679, -13.6637 looks on a white background.

Color Contrast Check

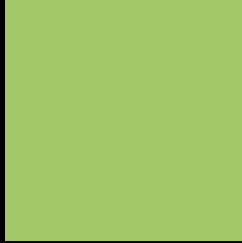
Large Text (above 18pt) WCAG AA × Fail

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 177.5800, -36.7679, -13.6637 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 177.5800, -36.7679, -13.6637 Background



This preview shows how black text looks on a background with the YUV color 177.5800, -36.7679, -13.6637.



This preview shows how white text looks on a background with the YUV color 177.5800, -36.7679, -13.6637.

-13.6637.

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

177.5800, -36.7679, -13.6637

Protanopia

182.6490, -41.2390, 20.4788

Deuteranopia

184.9700, -37.9462, 37.7373



Tritanopia

186.5240, 8.6157, -10.1065

Trichromacy



Original Color

177.5800, -36.7679, -13.6637

Protanomaly

180.9140, -39.8906, 7.9684

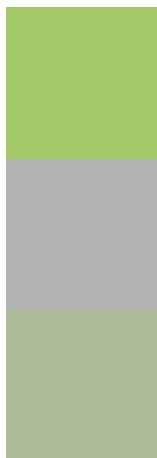
Deuteranomaly

182.2620, -37.5972, 19.0642

Tritanomaly

183.1590, -7.9664, -11.5404

Monochromacy



Original Color

177.5800, -36.7679, -13.6637

Achromatopsia

178.0000, 0.0000, 0.0000

Achromatomaly

177.8240, -13.2242, -5.1076

CSS Examples

Text

The CSS property to change the color of the text to YUV 177.5800, -36.7679, -13.6637 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(162, 200, 103)` looks like.

```
.text, #text, p{  
    color:rgb(162, 200, 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(162, 200, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 200, 103) }
```

Border

The CSS property to change the border of an element to YUV 177.5800, -36.7679, -13.6637 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(162, 200, 103) }
```


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

```
.border{ border-color:rgb(162, 200, 103) }
```

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

Here you see how a box with a 4 pixel rgb(162, 200, 103) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 200, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 200, 103);  
box-shadow:4px 4px 4px 4px rgb(162, 200,  
103) }
```

Background

The CSS property to change the background color of an element to YUV 177.5800, -36.7679, -13.6637 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 200, 103) }
```

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

```
.background{ background-color: rgb(162,  
200, 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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