

# Converting Colors

YUV(175.0610, -46.3721,  
-13.2085)

Have a look what the booklet for  
YUV(175.0610, -46.3721, -13.2085)  
contains.

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# Color

**YUV(175.0610, -46.3721,  
-13.2085)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A0C951
RGB	160, 201, 81
RGB Percent	63%, 79%, 32%
CMY	0.3725, 0.2118, 0.6824
CMYK	0.20, 0.00, 0.60, 0.21
HSL	80°, 53%, 55%
HSV	80°, 60%, 79%
XYZ	36.8691, 49.8410, 15.4616
YIQ	175.0610, 14.0840, -46.0120

# Conversions

## Conversions Part 2

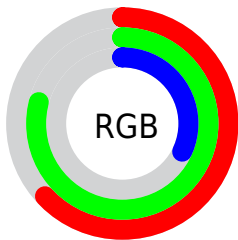
<b>Format</b>	<b>Color</b>
<b>RYB</b>	81, 201, 122
Decimal	10537297
CIELab	75.97, -31.78, 54.23
CIELCh	76, 62.854, 120.370
Yxy	49.8410, 0.3609, 0.4878
Android (android.graphics.Color)	4288727377 (0xFFA0C951)
YUV	175.0610, -46.3721, -13.2085
Hunter-Lab	70.5981, -30.3272, 36.4336

# Details

The YUV color  $175.0610, -46.3721, -13.2085$  is a light color, and the websafe version is hex  $99CC66$ . The color can be described as light muted chartreuse. A complement of this color would be  $106.9390, 46.3721, 13.2085$ , and the grayscale version is  $175.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $229.8440, -47.2511, -11.2642$ , and  $120.5340, -47.0983, -13.6233$  is the 20% darker color. If you saturate the color by 10%, you get  $170.6880, -54.0762, -15.5124$ , and if you desaturate by 10%, it is  $179.4340, -38.6680, -10.9046$ .

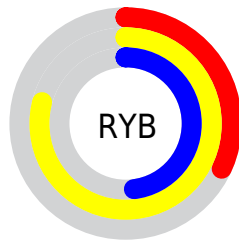
# Distribution



Red (63%)

Green (79%)

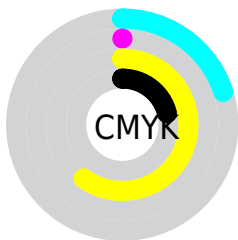
Blue (32%)



Red (32%)

Yellow (79%)

Blue (48%)

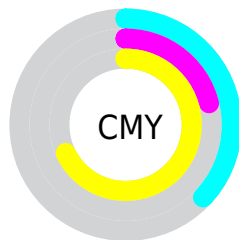


Cyan (20%)

Magenta (0%)

Yellow (60%)

Black (21%)



Cyan (37%)

Magenta (21%)

Yellow (68%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 175.0610, -46.3721, -13.2085 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 175.0610, -46.3721, -13.2085 by changing the saturation by 10% instead.



■ 175.0610,  
-46.3721, -13.2085

■ 175.0610,  
-46.3721, -13.2085

255.0000, 0.0000,  
0.0000

■ 147.7620,  
-46.2247, -13.8233

■ 229.8440,  
-47.2511, -11.2642

■ 120.5340,  
-47.0983, -13.6233

■ 241.7070,  
-39.2956, 3.7650

■ 94.3490, -46.5141,  
-14.3381

■ 247.5900,  
-28.3919, 6.4986

■ 71.9000, -35.4467,  
-17.4523

■ 250.7820,  
-16.1615, 3.6992

■ 49.4400, -24.3739,  
-22.3109

■ 254.2020, -3.0576,  
0.6998

■ 28.7630, -14.1802,  
-25.2252

■ 17.0230, -8.3923,

-14.9292

■ 0.0000, 0.0000,  
0.0000

■ 175.0610,  
-46.3721, -13.2085

■ 175.0610,  
-46.3721, -13.2085

■ 170.6880,  
-54.0762, -15.5124

■ 179.4340,  
-38.6680, -10.9046

■ 166.3150,  
-61.7803, -17.8163

■ 183.8070,  
-30.9639, -8.6007

■ 161.9420,  
-69.4844, -20.1201

■ 188.1800,  
-23.2597, -6.2969

■ 157.8680,  
-77.3359, -21.8092

■ 192.2540,  
-15.4082, -4.6078

■ 157.4550,  
-77.6253, -22.3240

■ 196.7410, -7.2673,  
-2.4039

■ 201.1140, 0.4368,  
-0.1000

■ 205.4870, 8.1409,  
2.2039

■ 209.8600, 15.8450,  
4.5078

■ 213.4350, 20.4915,  
7.5115

# Harmonies

## Analogous

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



181.3720, -57.8644, 32.9998



175.0610, -46.3721, -13.2085



161.6570, -17.0859, -73.3672

# Triad

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



175.0610, -46.3721, -13.2085



151.1660, 51.1902, -132.5726



177.0360, 5.8983, 68.3744

# Complementary

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



175.0610, -46.3721, -13.2085



106.9390, 46.3721, 13.2085

# 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.



191.1650, 27.0337, 55.9833



175.0610, -46.3721, -13.2085



158.5070, 47.5710, -91.6526

# Square

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



175.0610, -46.3721, -13.2085



154.0210, 44.3596, -135.0764



186.8440, 33.6009, 2.7678



174.6470, -21.0250, 70.4696

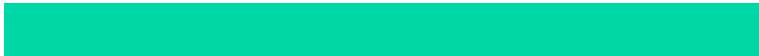


# Rectangle

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



175.0610, -46.3721, -13.2085



145.1290, 10.2894, -127.2781



186.8440, 33.6009, 2.7678



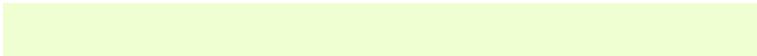
181.0770, 13.7660, 64.8305

# Sweetspot

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



175.0610, -46.3721, -13.2085



244.9720, -17.7342, -5.2374



140.3600, -29.2645, 53.1813



121.7040, -11.1931, -3.2484



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.



175.0610, -46.3721, -13.2085



215.1870, -71.0842, -20.3350



157.4200, -37.6751, -49.4803



97.0770, -3.4890, -0.9445



127.6740, -62.9433, -18.1311



28.3080, -13.9558, -3.7781



# Inverse Universe

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



106.9390, 46.3721, 13.2085



110.8130, 71.0842, 20.3350



124.5800, 37.6751, 49.4803



91.9230, 3.4890, 0.9445



35.3260, 62.9433, 18.1311



7.6920, 13.9558, 3.7781



# Previews

## White Background



This preview shows how the YUV color 175.0610, -46.3721, -13.2085 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 175.0610, -46.3721, -13.2085 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 175.0610, -46.3721, -13.2085 Background



This preview shows how black text looks on a background with the YUV color 175.0610, -46.3721, -13.2085.



This preview shows how white text looks on a background with the YUV color 175.0610, -46.3721, -13.2085.

-13.2085.

# 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

175.0610, -46.3721, -13.2085

### Protanopia

180.7390, -51.1433, 23.9079

### Deuteranopia

183.5870, -47.1244, 41.5812



## Tritanopia

186.4100, 8.1789, -10.0066

# Trichromacy



## Original Color

175.0610, -46.3721, -13.2085

## Protanomaly

178.7050, -49.6476, 10.7827

## Deuteranomaly

180.1670, -46.9173, 21.7785

## Tritanomaly

182.2470, -11.4608, -10.7406

# Monochromacy



## Original Color

175.0610, -46.3721, -13.2085

## Achromatopsia

175.0000, 0.0000, 0.0000

## Achromatomaly

174.9120, -16.7186, -4.3078

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 175.0610, -46.3721, -13.2085 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(160, 201, 81)` looks like.

```
.text, #text, p{  
    color:rgb(160, 201, 81)  
}
```

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(160, 201, 81) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 201, 81) }
```

## Border

The CSS property to change the border of an element to YUV 175.0610, -46.3721, -13.2085 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(160, 201, 81) }
```



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

```
.border{ border-color:rgb(160, 201, 81) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 201, 81)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 201, 81); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 201, 81);  
box-shadow:4px 4px 4px 4px rgb(160, 201,  
81) }
```

# Background

The CSS property to change the background color of an element to YUV 175.0610, -46.3721, -13.2085 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 201, 81) }
```

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

```
.background{ background-color: rgb(160,  
201, 81) }
```

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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