

# Converting Colors

YUV(183.6230, -15.0971,  
-11.0704)

Have a look what the booklet for  
YUV(183.6230, -15.0971, -11.0704)  
contains.

<b>YUV(183.6230, -15.0971, -11.0704)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YUV(183.6230, -15.0971,  
-11.0704)**

# Conversions

## Conversions Part 1

Format	Color
Hex	ABC499
RGB	171, 196, 153
RGB Percent	67%, 77%, 60%
CMY	0.3294, 0.2314, 0.4000
CMYK	0.13, 0.00, 0.22, 0.23
HSL	95°, 27%, 68%
HSV	95°, 22%, 77%
XYZ	42.2843, 50.4377, 37.6438
YIQ	183.6230, -1.0970, -18.6730

# Conversions

## Conversions Part 2

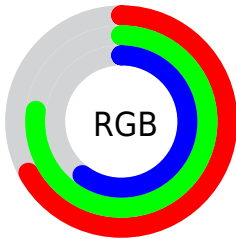
<b>Format</b>	<b>Color</b>
<b>RYB</b>	153, 196, 178
Decimal	11256985
CIELab	76.34, -16.31, 18.83
CIELCh	76, 24.913, 130.895
Yxy	50.4377, 0.3244, 0.3869
Android (android.graphics.Color)	4289447065 (0xFFABC499)
YUV	183.6230, -15.0971, -11.0704
Hunter-Lab	71.0195, -18.0070, 18.2870

# Details

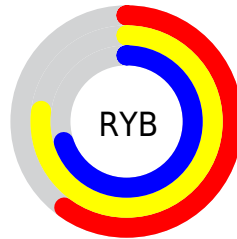
The YUV color **183.6230, -15.0971, -11.0704** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **165.3770, 15.0971, 11.0704**, and the grayscale version is **184.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **239.9820, -16.2601, -11.3852**, and **130.2640, -13.9342, -10.7555** is the 20% darker color. If you saturate the color by 10%, you get **178.0540, -22.2116, -15.8334**, and if you desaturate by 10%, it is **189.1920, -7.9827, -6.3074**.

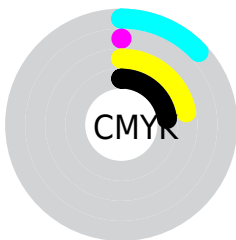
# Distribution



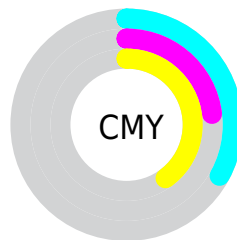
- Red (67%)
- Green (77%)
- Blue (60%)



- Red (60%)
- Yellow (77%)
- Blue (70%)



- Cyan (13%)
- Magenta (0%)
- Yellow (22%)
- Black (23%)



- Cyan (33%)
- Magenta (23%)
- Yellow (40%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 183.6230, -15.0971, -11.0704 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 183.6230, -15.0971, -11.0704 by changing the saturation by 10% instead.



■ 183.6230,  
-15.0971, -11.0704

■ 183.6230,  
-15.0971, -11.0704

255.0000, 0.0000,  
0.0000

■ 156.7370,  
-14.6603, -11.1703

■ 239.9820,  
-16.2601, -11.3852

■ 130.2640,  
-13.9342, -10.7555

■ 252.8340, -8.2992,  
1.8996

■ 105.3780,  
-13.4974, -10.8555

■ 80.7910, -13.2080,  
-10.3407

■ 57.4320, -12.0450,  
-10.0259

■ 35.4320, -12.0450,  
-10.0259

■ 15.2620, -7.5242,

-13.3848

■ 0.0000, 0.0000,  
0.0000

■ 183.6230,  
-15.0971, -11.0704

■ 183.6230,  
-15.0971, -11.0704

■ 178.0540,  
-22.2116, -15.8334

■ 189.1920, -7.9827,  
-6.3074

■ 172.3000,  
-28.7419, -21.3111

■ 194.9460, -1.4524,  
-0.8296

■ 166.7310,  
-35.8564, -26.0741

■ 200.5150, 5.6621,  
3.9333

■ 160.9770,  
-42.3867, -31.5518

■ 206.2690, 12.1924,  
9.4111

■ 155.4080,  
-49.5011, -36.3148

■ 211.8380, 19.3069,  
14.1741

■ 149.8390,  
-56.6156, -41.0778

■ 215.5830, 19.4326,  
20.5367

■ 144.0850,  
-63.1459, -46.5555

■ 219.1710, 17.6637,  
27.9140

■ 139.5700,  
-68.8080, -50.4889

■ 220.3670, 17.0741,  
30.3731

# Harmonies

## Analogous

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



186.1480, -21.2720, 9.5172



183.6230, -15.0971, -11.0704



180.3630, -4.1230, -31.0134

# Triad

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



183.6230, -15.0971, -11.0704



183.2570, 23.5373, -36.1824



191.8630, -5.3555, 37.8311

# Complementary

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



183.6230, -15.0971, -11.0704



165.3770, 15.0971, 11.0704

# 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.



192.6690, 5.5862, 28.3543



183.6230, -15.0971, -11.0704



188.3460, 22.0144, -14.3354

# Square

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



183.6230, -15.0971, -11.0704



179.3280, 19.0653, -48.5227



191.7790, 15.3920, 9.8408



190.5180, -15.5384, 37.2567



# Rectangle

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



183.6230, -15.0971, -11.0704



178.5880, 4.6401, -41.7347



191.7790, 15.3920, 9.8408



192.0630, -2.0031, 35.9017

# Sweetspot

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



183.6230, -15.0971, -11.0704



249.9580, -6.3883, -4.3482



179.9450, -13.2839, 14.0802



124.9520, -3.9203, -2.5889



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

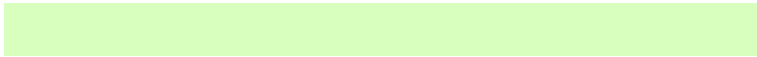


# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



183.6230, -15.0971, -11.0704



235.8150, -23.0798, -17.3778



178.5830, -11.1334, -22.4363



94.0660, -3.4835, -2.6889



114.5400, -56.4682, -41.6926



23.5570, -11.6136, -8.3815



# Inverse Universe

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



165.3770, 15.0971, 11.0704



207.8860, 23.2272, 16.7630



170.4170, 11.1334, 22.4363



89.9340, 3.4835, 2.6889



46.1610, 56.6156, 41.0778

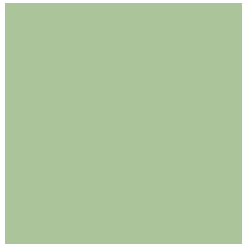


9.4430, 11.6136, 8.3815



# Previews

## White Background



This preview shows how the YUV color 183.6230, -15.0971, -11.0704 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 183.6230, -15.0971, -11.0704 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

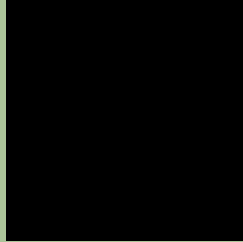
Any Text WCAG AA ✓ Pass

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 183.6230, -15.0971, -11.0704 Background



This preview shows how black text looks on a background with the YUV color 183.6230, -15.0971, -11.0704.



This preview shows how white text looks on a background with the YUV color 183.6230, -15.0971, -11.0704.

-11.0704.

# 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

183.6230, -15.0971, -11.0704

### Protanopia

187.1420, -18.8040, 11.2765

### Deuteranopia

188.9140, -16.2266, 24.6314



## Tritanopia

187.7200, 8.0260, -7.6474

# Trichromacy



## Original Color

183.6230, -15.0971, -11.0704

## Protanomaly

185.7280, -17.6139, 2.8695

## Deuteranomaly

186.6520, -15.6044, 11.7062

## Tritanomaly

186.4180, -0.6991, -9.1366

# Monochromacy



## Original Color

183.6230, -15.0971, -11.0704

## Achromatopsia

184.0000, 0.0000, 0.0000

## Achromatomaly

183.5990, -5.2253, -4.0333

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 183.6230, -15.0971, -11.0704 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(171, 196, 153)` looks like.

```
.text, #text, p{  
    color:rgb(171, 196, 153)  
}
```

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(171, 196, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 196, 153) }
```

## Border

The CSS property to change the border of an element to YUV 183.6230, -15.0971, -11.0704 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(171, 196, 153) }
```



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

```
.border{ border-color:rgb(171, 196, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 196, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(171, 196, 153); -webkit-box-shadow:4px 4px 4px 4px rgb(171, 196, 153); box-shadow:4px 4px 4px 4px rgb(171, 196, 153) }
```

# Background

The CSS property to change the background color of an element to YUV 183.6230, -15.0971, -11.0704 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 196, 153) }
```

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

```
.background{ background-color: rgb(171,  
196, 153) }
```

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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