

# Converting Colors

YUV(178.6030, -21.4963,  
-11.9298)

Have a look what the booklet for  
YUV(178.6030, -21.4963, -11.9298)  
contains.

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# Color

**YUV(178.6030, -21.4963,  
-11.9298)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A5C287
RGB	165, 194, 135
RGB Percent	65%, 76%, 53%
CMY	0.3529, 0.2392, 0.4706
CMYK	0.15, 0.00, 0.30, 0.24
HSL	89°, 33%, 65%
HSV	89°, 30%, 76%
XYZ	39.1820, 48.3322, 30.1856
YIQ	178.6030, 1.6550, -24.4970

# Conversions

## Conversions Part 2

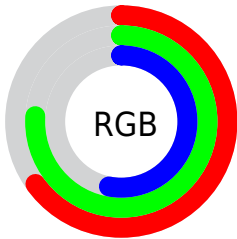
<b>Format</b>	<b>Color</b>
<b>RYB</b>	135, 194, 164
Decimal	10863239
CIELab	75.03, -20.27, 26.55
CIELCh	75, 33.397, 127.359
Yxy	48.3322, 0.3329, 0.4106
Android (android.graphics.Color)	4289053319 (0xFFA5C287)
YUV	178.6030, -21.4963, -11.9298
Hunter-Lab	69.5213, -21.0603, 22.9217

# Details

The YUV color **178.6030, -21.4963, -11.9298** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **150.3970, 21.4963, 11.9298**, and the grayscale version is **179.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **234.9620, -22.6593, -12.2447**, and **125.3580, -19.8965, -11.7150** is the 20% darker color. If you saturate the color by 10%, you get **173.4470, -28.3214, -16.1780**, and if you desaturate by 10%, it is **183.7590, -14.6712, -7.6816**.

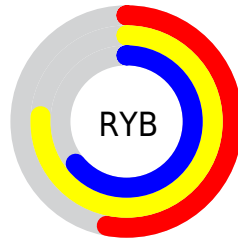
# Distribution



Red (65%)

Green (76%)

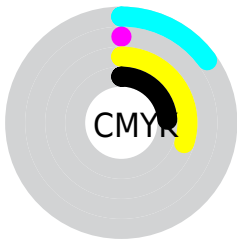
Blue (53%)



Red (53%)

Yellow (76%)

Blue (64%)

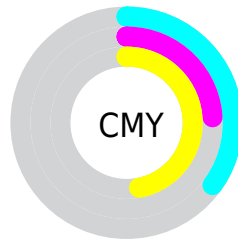


Cyan (15%)

Magenta (0%)

Yellow (30%)

Black (24%)



Cyan (35%)

Magenta (24%)

Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 178.6030, -21.4963, -11.9298 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 178.6030, -21.4963, -11.9298 by changing the saturation by 10% instead.



■ 178.6030,  
-21.4963, -11.9298

■ 178.6030,  
-21.4963, -11.9298

255.0000, 0.0000,  
0.0000

■ 151.7170,  
-21.0595, -12.0298

■ 234.9620,  
-22.6593, -12.2447

■ 125.3580,  
-19.8965, -11.7150

■ 248.8740,  
-15.7139, 0.1105

■ 100.4720,  
-19.4597, -11.8149

■ 253.8600, -4.3680,  
0.9998

■ 75.9990, -18.7335,  
-11.4001

■ 52.2270, -17.8599,  
-11.6001

■ 31.5090, -15.5339,  
-10.9704

■ 15.2620, -7.5242,

-13.3848

■ 0.0000, 0.0000,  
0.0000

■ 178.6030,  
-21.4963, -11.9298

■ 178.6030,  
-21.4963, -11.9298

■ 173.4470,  
-28.3214, -16.1780

■ 183.7590,  
-14.6712, -7.6816

■ 168.4760,  
-35.7307, -19.7115

■ 188.7300, -7.2619,  
-4.1482

■ 163.3200,  
-42.5558, -23.9596

■ 193.8860, -0.4368,  
0.1000

■ 158.3490,  
-49.9651, -27.4931

■ 198.8570, 6.9725,  
3.6334

■ 153.1930,  
-56.7901, -31.7413

■ 204.0130, 13.7976,  
7.8816

■ 148.3360,  
-63.7626, -35.3747

■ 208.8700, 20.7701,  
11.5150

■ 143.4790,  
-70.7351, -39.0081

■ 212.3160, 21.0432,  
17.2629

■ 215.0070, 19.7165,  
22.7959

■ 217.9970, 18.2425,  
28.9436

# Harmonies

## Analogous

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



182.1180, -29.1452, 14.8055



178.6030, -21.4963, -11.9298



174.2110, -7.0060, -39.6500

# Triad

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



178.6030, -21.4963, -11.9298



174.2420, 32.9117, -56.3402



188.6410, -5.2460, 49.4268

# Complementary

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



178.6030, -21.4963, -11.9298



150.3970, 21.4963, 11.9298

# 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.



189.4510, 9.6377, 35.5615



178.6030, -21.4963, -11.9298



182.8700, 30.6301, -24.4420

# Square

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



178.6030, -21.4963, -11.9298



167.4110, 26.4194, -74.0284



188.3150, 22.5227, 9.3707



187.0850, -18.7759, 49.0375



# Rectangle

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



178.6030, -21.4963, -11.9298



170.0160, 5.4151, -57.0190



188.3150, 22.5227, 9.3707



188.9980, 0.0010, 46.4828

# Sweetspot

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



178.6030, -21.4963, -11.9298



246.2030, -7.9881, -4.5630



169.6640, -17.0894, 21.3427



124.1970, -5.5201, -2.8038



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

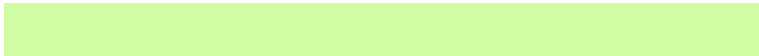


# Same Dimension

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



178.6030, -21.4963, -11.9298



228.5840, -32.8259, -18.0522



169.9320, -17.2215, -29.7584



94.3650, -3.6309, -2.0741



119.0250, -58.6793, -32.4709



24.4540, -12.0558, -6.5372



# Inverse Universe

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



150.3970, 21.4963, 11.9298



185.4160, 32.8259, 18.0522



159.0680, 17.2215, 29.7584



89.6350, 3.6309, 2.0741



41.9750, 58.6793, 32.4709



8.5460, 12.0558, 6.5372



# Previews

## White Background



This preview shows how the YUV color 178.6030, -21.4963, -11.9298 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 178.6030, -21.4963, -11.9298 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 178.6030, -21.4963, -11.9298 Background**



This preview shows how black text looks on a background with the YUV color 178.6030, -21.4963, -11.9298.



This preview shows how white text looks on a background with the YUV color 178.6030, -21.4963, -11.9298.

-11.9298.

# 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

178.6030, -21.4963, -11.9298

### Protanopia

182.4430, -25.3614, 14.5205

### Deuteranopia

184.6280, -22.4946, 28.3902



## Tritanopia

184.3070, 7.7366, -8.1622

# Trichromacy



## Original Color

178.6030, -21.4963, -11.9298

## Protanomaly

181.3170, -24.3133, 4.9840

## Deuteranomaly

182.3550, -21.8670, 13.7207

## Tritanomaly

182.1360, -3.0250, -9.7663

# Monochromacy



## Original Color

178.6030, -21.4963, -11.9298

## Achromatopsia

179.0000, 0.0000, 0.0000

## Achromatomaly

178.6160, -7.6987, -4.0482

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 178.6030, -21.4963, -11.9298 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(165, 194, 135)` looks like.

```
.text, #text, p{  
    color:rgb(165, 194, 135)  
}
```

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(165, 194, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(165, 194, 135) }
```

## Border

The CSS property to change the border of an element to YUV 178.6030, -21.4963, -11.9298 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(165, 194, 135) }
```



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

```
.border{ border-color:rgb(165, 194, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(165, 194, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(165, 194, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(165, 194, 135);  
box-shadow:4px 4px 4px 4px rgb(165, 194,  
135) }
```

# Background

The CSS property to change the background color of an element to YUV 178.6030, -21.4963, -11.9298 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(165, 194, 135) }
```

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

```
.background{ background-color: rgb(165,  
194, 135) }
```

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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