

# Converting Colors

YUV(186.4130, -6.6126,  
-25.7952)

Have a look what the booklet for  
YUV(186.4130, -6.6126, -25.7952)  
contains.

<b>YUV(186.4130, -6.6126, -25.7952)</b>	3
<i><b>Conversions</b></i>	4
<i><b>Details</b></i>	6
<i><b>Harmonies</b></i>	12
<i><b>Previews</b></i>	24
<i><b>Color Blindness Simulation</b></i>	28
<i><b>CSS Examples</b></i>	31

# Color

**YUV(186.4130, -6.6126,  
-25.7952)**

# Conversions

Conversions Part 1	
Format	Color
Hex	9DCCAD
RGB	157, 204, 173
RGB Percent	62%, 80%, 68%
CMY	0.3843, 0.2000, 0.3216
CMYK	0.23, 0.00, 0.15, 0.20
HSL	140°, 32%, 71%
HSV	140°, 23%, 80%
XYZ	43.0403, 53.3710, 47.5683
YIQ	186.4130, -18.0610, -19.6050

# Conversions

## Conversions Part 2

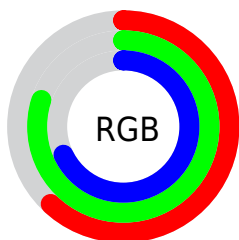
Format	Color
<a href="#">RYB</a>	<a href="#">157, 192, 204</a>
Decimal	<a href="#">10341549</a>
CIELab	<a href="#">78.09, -21.62, 10.47</a>
CIELCh	<a href="#">78, 24.022, 154.152</a>
Yxy	<a href="#">53.3710, 0.2989, 0.3707</a>
Android (android.graphics.Color)	<a href="#">4288531629</a> <a href="#">(0xFF9DCCAD)</a>
YUV	<a href="#">186.4130, -6.6126, -25.7952</a>
Hunter-Lab	<a href="#">73.0554, -22.6844, 12.5335</a>

# Details

The YUV color **186.4130, -6.6126, -25.7952** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **174.5870, 6.6126, 25.7952**, and the grayscale version is **186.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **239.0650, -5.4550, -23.7360**, and **133.2390, -6.0338, -24.7656** is the 20% darker color. If you saturate the color by 10%, you get **178.9510, -9.3428, -36.7910**, and if you desaturate by 10%, it is **193.8750, -3.8824, -14.7994**.

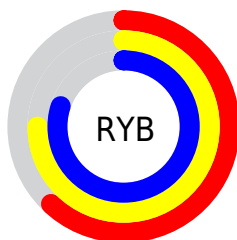
# Distribution



Red (62%)

Green (80%)

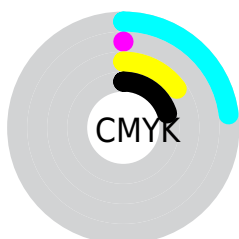
Blue (68%)



Red (62%)

Yellow (75%)

Blue (80%)

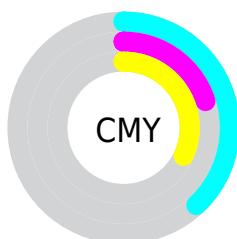


Cyan (23%)

Magenta (0%)

Yellow (15%)

Black (20%)



Cyan (38%)

Magenta (20%)

Yellow (32%)


# Brightness & Saturation


## Gradients

These gradients show how the YUV color 186.4130, -6.6126, -25.7952 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 186.4130, -6.6126, -25.7952 by changing the saturation by 10% instead.




 186.4130, -6.6126,  
-25.7952


 186.4130, -6.6126,  
-25.7952

255.0000, 0.0000,  
0.0000


 158.8260, -6.3232,  
-25.2804


 239.0650, -5.4550,  
-23.7360


 133.2390, -6.0338,  
-24.7656

 250.8140, 2.0637,  
-8.6069

 107.6520, -5.7444,  
-24.2508

 83.0650, -5.4550,  
-23.7360

 58.7060, -4.2921,  
-23.4212

 35.5100, -3.7024,  
-25.8803

 18.5390, -7.6607,

-16.2587

0.0000, 0.0000,  
0.0000

186.4130, -6.6126,  
-25.7952

186.4130, -6.6126,  
-25.7952

178.9510, -9.3428,  
-36.7910

193.8750, -3.8824,  
-14.7994

171.0760,  
-12.3625, -48.3017

201.7500, -0.8628,  
-3.2887

163.6140,  
-15.0927, -59.2975

209.2120, 1.8675,  
7.7071

155.7390,  
-18.1123, -70.8081

217.0870, 4.8871,  
19.2177

148.2770,  
-20.8426, -81.8039

223.3530, 8.2070,  
27.7544

■ 140.7010,  
-24.0096, -92.6998

■ 224.9490, 14.3221,  
26.3547

■ 132.9400,  
-26.5924, -104.3104

■ 225.0630, 14.7589,  
26.2547

■ 127.6140,  
-28.8967, -111.9175

# Harmonies

## Analogous

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



189.0150, -16.2764, -6.1522



186.4130, -6.6126, -25.7952



184.2290, 5.8031, -41.4198

# Triad

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



186.4130, -6.6126, -25.7952



192.0250, 22.1727, -18.4389



195.5010, -13.0650, 37.2716

# Complementary

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



186.4130, -6.6126, -25.7952



174.5870, 6.6126, 25.7952

# 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.



196.8350, -2.8767, 36.1017



186.4130, -6.6126, -25.7952



195.5010, 17.0080, 4.8226

# Square

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



186.4130, -6.6126, -25.7952



187.6050, 22.3797, -38.2416



197.2170, 7.7810, 24.3657



194.0240, -19.7318, 28.9200



# Rectangle

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



186.4130, -6.6126, -25.7952



184.0310, 12.8027, -46.5082



197.2170, 7.7810, 24.3657



196.0110, -9.8654, 37.7014

# Sweetspot

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



186.4130, -6.6126, -25.7952



248.2500, -2.5882, -9.8663



193.8580, -18.1710, -5.1375



123.9130, -1.4361, -6.0627



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000

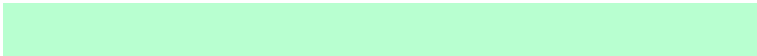


# Same Dimension

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



186.4130, -6.6126, -25.7952



228.4130, -10.0636, -38.9502



189.0350, 3.4337, -28.0947



98.2120, -1.5835, -5.4479



103.8260, -23.5782, -91.0554



23.7880, -5.3185, -20.8621



# Inverse Universe

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



174.5870, 6.6126, 25.7952



210.5870, 10.0636, 38.9502



171.9650, -3.4337, 28.0947



95.7880, 1.5835, 5.4479



62.0600, 23.1414, 91.1554

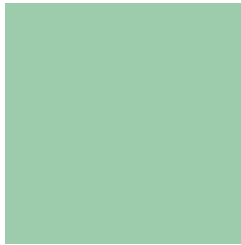


14.2120, 5.3185, 20.8621



# Previews

## White Background



This preview shows how the YUV color 186.4130, -6.6126, -25.7952 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

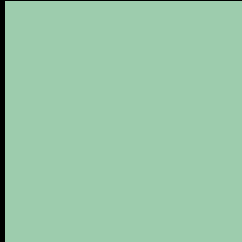
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 186.4130, -6.6126, -25.7952 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 186.4130, -6.6126, -25.7952

## Background



This preview shows how black text looks on a background with the YUV color 186.4130, -6.6126, -25.7952.



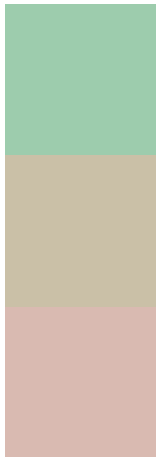
This preview shows how white text looks on a background with the YUV color 186.4130, -6.6126, -25.7952.

-25.7952.

# 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

186.4130, -6.6126, -25.7952

### Protanopia

192.1400, -12.3940, 8.6472

### Deuteranopia

194.2430, -8.5008, 19.9579



## Tritanopia

189.9570, 11.8532, -21.8873

# Trichromacy



**Original Color**  
186.4130, -6.6126, -25.7952

**Protanomaly**  
189.9320, -10.3195, -3.4484

**Deuteranomaly**  
191.6600, -7.7204, 2.9292

**Tritanomaly**  
188.5240, 5.1647, -23.2615

# Monochromacy



**Original Color**  
186.4130, -6.6126, -25.7952

**Achromatopsia**  
186.0000, 0.0000, 0.0000

**Achromatomaly**  
186.2500, -2.5882, -9.8663

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 186.4130, -6.6126, -25.7952 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(157, 204, 173)` looks like.

```
.text, #text, p{  
    color:rgb(157, 204, 173)  
}
```

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(157, 204, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 204, 173) }
```

## Border

The CSS property to change the border of an element to YUV 186.4130, -6.6126, -25.7952 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(157, 204, 173) }
```



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

```
.border{ border-color:rgb(157, 204, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 204, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 204, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 204, 173);  
box-shadow:4px 4px 4px 4px rgb(157, 204,  
173) }
```

# Background

The CSS property to change the background color of an element to YUV 186.4130, -6.6126, -25.7952 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 204, 173) }
```

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

```
.background{ background-color: rgb(157,  
204, 173) }
```

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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