

# Converting Colors

YUV(186.3480, -4.1156,  
60.2078)

Have a look what the booklet for  
YUV(186.3480, -4.1156, 60.2078)  
contains.

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# Color

**YUV(186.3480, -4.1156,  
60.2078)**

# Conversions

Conversions Part 1	
Format	Color
Hex	FF99B2
RGB	255, 153, 178
RGB Percent	100%, 60%, 70%
CMY	0.0000, 0.4000, 0.3020
CMYK	0.00, 0.40, 0.30, 0.00
HSL	345°, 100%, 80%
HSV	345°, 40%, 100%
XYZ	60.6671, 47.2568, 48.0435
YIQ	186.3480, 52.7670, 29.3990

# Conversions

## Conversions Part 2

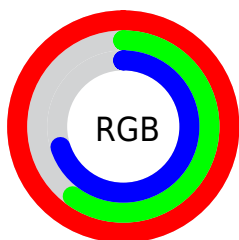
Format	Color
<a href="#">RYB</a>	<a href="#">255, 153, 178</a>
Decimal	<a href="#">16751026</a>
CIELab	<a href="#">74.35, 41.05, 3.52</a>
CIELCh	<a href="#">74, 41.197, 4.904</a>
Yxy	<a href="#">47.2568, 0.3890, 0.3030</a>
Android (android.graphics.Color)	<a href="#">4294941106</a> (0xFFFF99B2)
YUV	<a href="#">186.3480, -4.1156, 60.2078</a>
Hunter-Lab	<a href="#">68.7436, 37.2273, 6.6840</a>

# Details

The YUV color **186.3480, -4.1156, 60.2078** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **221.6520, 4.1156, -60.2078**, and the grayscale version is **186.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **225.6040, 4.1392, 25.7803**, and **131.5540, -3.2311, 56.5191** is the 20% darker color. If you saturate the color by 10%, you get **169.5070, -5.1800, 74.9774**, and if you desaturate by 10%, it is **203.7760, -3.3406, 44.9234**.

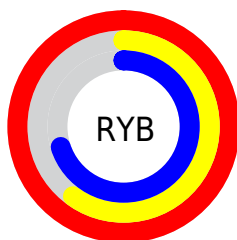
# Distribution



Red (100%)

Green (60%)

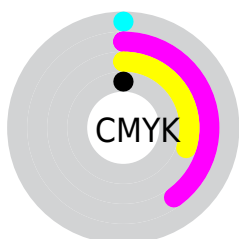
Blue (70%)



Red (100%)

Yellow (60%)

Blue (70%)

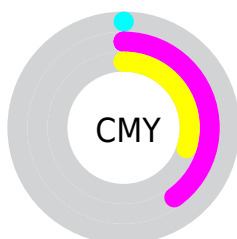


Cyan (0%)

Magenta (40%)

Yellow (30%)

Black (0%)



Cyan (0%)

Magenta (40%)

Yellow (30%)


# Brightness & Saturation

## Gradients

These gradients show how the YUV color 186.3480, -4.1156, 60.2078 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 186.3480, -4.1156, 60.2078 by changing the saturation by 10% instead.



 186.3480, -4.1156,  
60.2078


 186.3480, -4.1156,  
60.2078

255.0000, 0.0000,  
0.0000


 158.4510, -3.6733,  
58.3635


 225.6040, 4.1392,  
25.7803

 131.5540, -3.2311,  
56.5191

 244.4340, 5.2090,  
9.2664

 104.8850, -1.9153,  
54.4749

 78.5150, -0.7469,  
53.0453

 51.9710, 1.0003,  
52.6454

 28.8780, 2.0321,  
48.3420

 18.6670, -4.7658,

35.3720

9.0840, -3.9854,  
18.3433

0.0000, 0.0000,  
0.0000

186.3480, -4.1156,  
60.2078

186.3480, -4.1156,  
60.2078

169.5070, -5.1800,  
74.9774

203.7760, -3.3406,  
44.9234

152.0790, -5.9549,  
90.2617

220.7310, -1.8394,  
30.0539

135.1240, -7.4561,  
105.1313

238.1590, -1.0644,  
14.7696

117.6960, -8.2311,  
120.4156

255.0000, 0.0000,  
0.0000

■ 100.2680, -9.0061,  
135.7000

■ 83.4270, -10.0705,  
150.4695

# Harmonies

## Analogous

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



187.9340, 13.8365, 42.1539



186.3480, -4.1156, 60.2078



184.4670, -21.4292, 60.1034

# Triad

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



186.3480, -4.1156, 60.2078



174.9960, -27.6060, -12.2745



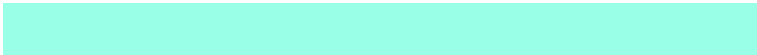
162.5140, 43.6236, -85.5198

# Complementary

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



186.3480, -4.1156, 60.2078



221.6520, 4.1156, -60.2078

# 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.



144.2240, 39.8226, -126.4844



186.3480, -4.1156, 60.2078



168.7710, -9.7471, -47.1572

# Square

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



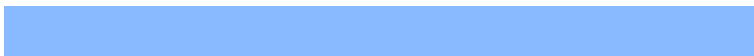
186.3480, -4.1156, 60.2078



179.9030, -36.4342, 19.3791



157.6360, 14.9695, -88.2578



178.6280, 37.6514, -36.5078



# Rectangle

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



186.3480, -4.1156, 60.2078



183.1210, -30.1327, 51.6369



157.6360, 14.9695, -88.2578



154.8060, 43.9726, -104.1929

# Sweetspot

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



186.3480, -4.1156, 60.2078



234.1810, -1.0752, 18.2583



187.6510, 33.2031, 37.1401



115.8380, -0.9061, 10.6661



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.



186.3480, -4.1156, 60.2078



172.8980, -4.8797, 72.0035



198.7600, -22.5597, 49.3225



119.2290, -0.6059, 7.6922



62.4670, -7.6252, 112.7234



20.9600, -2.4453, 37.7461



# Inverse Universe

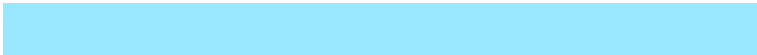
The Inverse Universe completely reimagines the original color for something new.



186.3480, -4.1156, 60.2078



172.8980, -4.8797, 72.0035



209.8270, 22.2703, -49.8373



119.2290, -0.6059, 7.6922



62.4670, -7.6252, 112.7234



20.9600, -2.4453, 37.7461



# Previews

## White Background



This preview shows how the YUV color 186.3480, -4.1156, 60.2078 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

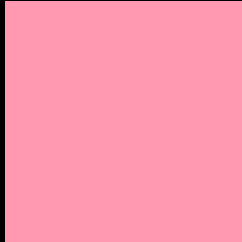
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 186.3480, -4.1156, 60.2078 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 186.3480, -4.1156, 60.2078

## Background



This preview shows how black text looks on a background with the YUV color 186.3480, -4.1156, 60.2078.



This preview shows how white text looks on a background with the YUV color 186.3480, -4.1156,



# 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

186.3480, -4.1156, 60.2078

### Protanopia

183.7810, 5.5310, -0.6849

### Deuteranopia

185.0300, -5.4378, 17.5137



## Tritanopia

185.9690, -9.3517, 59.6632

# Trichromacy



**Original Color**  
186.3480, -4.1156, 60.2078



**Protanomaly**  
184.4140, 2.2609, 21.5619



**Deuteranomaly**  
185.2430, -5.0498, 33.1129



**Tritanomaly**  
185.8380, -7.3151, 59.7781

# Monochromacy



**Original Color**  
186.3480, -4.1156, 60.2078



**Achromatopsia**  
186.0000, 0.0000, 0.0000



**Achromatomaly**  
186.0890, -1.5229, 21.8469

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 186.3480, -4.1156, 60.2078 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(255, 153, 178) looks like.

```
.text, #text, p{  
    color:rgb(255, 153, 178)  
}
```

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(255, 153, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 153, 178) }
```

## Border

The CSS property to change the border of an element to YUV 186.3480, -4.1156, 60.2078 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(255, 153, 178) }
```



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

```
.border{ border-color:rgb(255, 153, 178) }
```

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

Here you see how a box with a 4 pixel rgb(255, 153, 178) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 153, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 153, 178);  
box-shadow:4px 4px 4px 4px rgb(255, 153,  
178) }
```

# Background

The CSS property to change the background color of an element to YUV 186.3480, -4.1156, 60.2078 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 153, 178) }
```

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

```
.background{ background-color: rgb(255,  
153, 178) }
```

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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