

# Converting Colors

YUV(186.3090, 18.5817,  
60.2420)

Have a look what the booklet for  
YUV(186.3090, 18.5817, 60.2420)  
contains.

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# Color

**YUV(186.3090, 18.5817,  
60.2420)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF90E0
RGB	255, 144, 224
RGB Percent	100%, 56%, 88%
CMY	0.0000, 0.4353, 0.1216
CMYK	0.00, 0.44, 0.12, 0.00
HSL	317°, 100%, 78%
HSV	317°, 44%, 100%
XYZ	64.6678, 46.5883, 76.1051
YIQ	186.3090, 40.4760, 48.4120

# Conversions

## Conversions Part 2

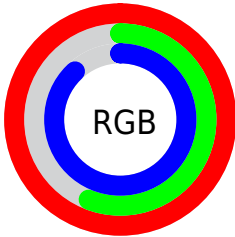
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	255, 144, 224
Decimal	16748768
CIE <sub>Lab</sub>	73.93, 52.15, -22.45
CIE <sub>LCh</sub>	74, 56.780, 336.711
Yxy	46.5883, 0.3452, 0.2487
Android (android.graphics.Color)	4294938848 (0xFFFF90E0)
YUV	186.3090, 18.5817, 60.2420
Hunter-Lab	68.2556, 49.6698, -18.3294

# Details

The YUV color **186.3090, 18.5817, 60.2420** is a light color, and the websafe version is hex **FF99FF**. A complement of this color would be **212.6910, -18.5817, -60.2420**, and the grayscale version is **186.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **222.7150, 15.9165, 28.3139**, and **130.7000, 18.8819, 57.2681** is the 20% darker color. If you saturate the color by 10%, you get **170.8360, 22.7589, 73.8118**, and if you desaturate by 10%, it is **202.3690, 14.1151, 46.1574**.

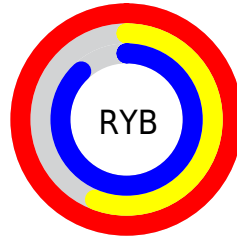
# Distribution



Red (100%)

Green (56%)

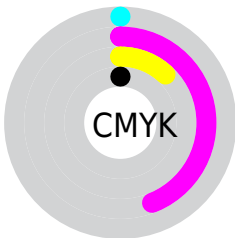
Blue (88%)



Red (100%)

Yellow (56%)

Blue (88%)

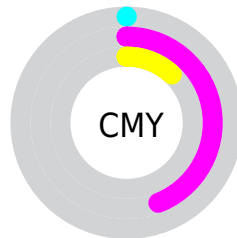


Cyan (0%)

Magenta (44%)

Yellow (12%)

Black (0%)



Cyan (0%)

Magenta (44%)


Yellow (12%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 186.3090, 18.5817, 60.2420 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 186.3090, 18.5817, 60.2420 by changing the saturation by 10% instead.




 186.3090, 18.5817,  
60.2420

 186.3090, 18.5817,  
60.2420


255.0000, 0.0000,  
0.0000


 158.2980, 18.5871,  
58.4977


 222.7150, 15.9165,  
28.3139


 130.7000, 18.8819,  
57.2681

 239.7380, 7.5242,  
13.3848

 103.4010, 19.0293,  
56.6533

 75.0420, 20.1923,  
56.9682

 43.9760, 23.6758,  
59.6570

 33.4660, 17.0253,  
46.0723

 23.0700, 10.8115,

32.3876

■ 12.9020, 5.4713,  
18.5029

■ 0.0000, 0.0000,  
0.0000

■ 186.3090, 18.5817,  
60.2420

■ 186.3090, 18.5817,  
60.2420

■ 170.8360, 22.7589,  
73.8118

■ 202.3690, 14.1151,  
46.1574

■ 154.7760, 27.2254,  
87.8964

■ 217.8420, 9.9379,  
32.5876

■ 138.7160, 31.6920,  
101.9811

■ 233.9020, 5.4713,  
18.5029

■ 123.2430, 35.8692,  
115.5509

■ 249.3750, 1.2941,  
4.9331

■ 107.0690, 39.8990, 255.0000, 0.0000,  
129.7355 0.0000

■ 97.2210, 42.7820,  
138.3722

# Harmonies

## Analogous

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



184.8500, 34.5840, 14.1636



186.3090, 18.5817, 60.2420



175.6850, -1.8167, 69.5593

# Triad

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



186.3090, 18.5817, 60.2420



175.8420, -50.7011, 22.0636



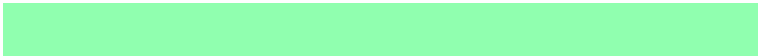
148.6240, 46.5274, -130.3432

# Complementary

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



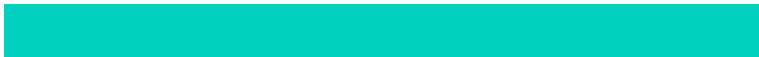
186.3090, 18.5817, 60.2420



212.6910, -18.5817, -60.2420

# 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.



143.9840, 23.6719, -126.2740



186.3090, 18.5817, 60.2420



169.7100, -37.3250, -21.6707

# Square

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



186.3090, 18.5817, 60.2420



179.2130, -46.4470, 57.6952



156.2140, -8.4865, -78.2407



145.2960, 54.0841, -127.4246



# Rectangle

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



186.3090, 18.5817, 60.2420



174.7440, -18.1148, 70.3845



156.2140, -8.4865, -78.2407



147.3870, 39.2492, -129.2584

# Sweetspot

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



186.3090, 18.5817, 60.2420



234.6030, 5.6187, 17.8882



165.6240, 44.0624, 7.3458



114.9890, 3.4564, 11.4106



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.



186.3090, 18.5817, 60.2420



172.7110, 22.3275, 72.1675



180.1530, -5.0054, 65.6408



119.9130, 2.0149, 7.0923



72.8410, 32.1234, 103.6254



24.3800, 10.6587, 34.7467



# Inverse Universe

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



186.3090, 18.5817, 60.2420



172.7110, 22.3275, 72.1675



218.8470, 5.0054, -65.6408



119.9130, 2.0149, 7.0923



72.8410, 32.1234, 103.6254



24.3800, 10.6587, 34.7467



# Previews

## White Background



This preview shows how the YUV color 186.3090, 18.5817, 60.2420 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

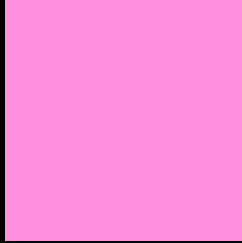
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 186.3090, 18.5817, 60.2420 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

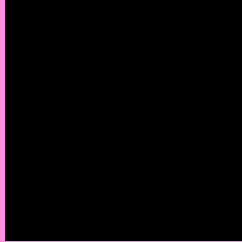
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

# YUV 186.3090, 18.5817, 60.2420

## Background



This preview shows how black text looks on a background with the YUV color 186.3090, 18.5817, 60.2420.



This preview shows how white text looks on a background with the YUV color 186.3090, 18.5817,



# 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

186.3090, 18.5817, 60.2420

### Protanopia

182.2990, 33.3766, -18.6792

### Deuteranopia

183.7560, 16.8823, -1.5400



## Tritanopia

185.0610, -8.9041, 56.0745

# Trichromacy



## Original Color

186.3090, 18.5817, 60.2420



## Protanomaly

183.8080, 28.1957, 9.8154



## Deuteranomaly

185.0130, 17.2486, 21.0366



## Tritanomaly

185.7050, 1.1314, 57.2637

# Monochromacy



## Original Color

186.3090, 18.5817, 60.2420



## Achromatopsia

186.0000, 0.0000, 0.0000



## Achromatomaly

186.2660, 6.7709, 21.6917

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 186.3090, 18.5817, 60.2420 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, 144, 224)` looks like.

```
.text, #text, p{  
    color:rgb(255, 144, 224)  
}
```

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, 144, 224) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 144, 224) }
```

## Border

The CSS property to change the border of an element to YUV 186.3090, 18.5817, 60.2420 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, 144, 224) }
```



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

```
.border{ border-color:rgb(255, 144, 224) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 144, 224)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 144, 224); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 144, 224);  
box-shadow:4px 4px 4px 4px rgb(255, 144,  
224) }
```

# Background

The CSS property to change the background color of an element to YUV 186.3090, 18.5817, 60.2420 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 144, 224) }
```

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

```
.background{ background-color: rgb(255,  
144, 224) }
```

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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