

Converting Colors

YUV(186.5130, -11.0989,
60.0631)

Have a look what the booklet for
YUV(186.5130, -11.0989, 60.0631)
contains.

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Color

**YUV(186.5130, -11.0989,
60.0631)**

Conversions

Conversions Part 1

Format	Color
Hex	FF9CA4
RGB	255, 156, 164
RGB Percent	100%, 61%, 64%
CMY	0.0000, 0.3882, 0.3569
CMYK	0.00, 0.39, 0.36, 0.00
HSL	355°, 100%, 81%
HSV	355°, 39%, 100%
XYZ	59.8293, 47.7173, 41.1790
YIQ	186.5130, 56.4360, 23.4760

Conversions

Conversions Part 2

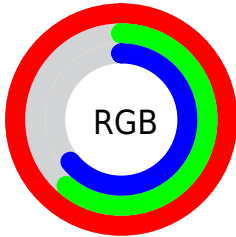
Format	Color
R _Y B	255, 156, 164
Decimal	16751780
CIE Lab	74.65, 37.79, 11.65
CIE LCh	75, 39.550, 17.136
Yxy	47.7173, 0.4023, 0.3208
Android (android.graphics.Color)	4294941860 (0xFFFF9CA4)
YUV	186.5130, -11.0989, 60.0631
Hunter-Lab	69.0777, 33.7158, 13.0101

Details

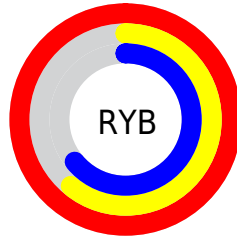
The YUV color **186.5130, -11.0989, 60.0631** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **224.4870, 11.0989, -60.0631**, and the grayscale version is **187.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **225.6550, -3.2809, 25.7356**, and **131.8330, -9.7777, 56.2745** is the 20% darker color. If you saturate the color by 10%, you get **169.2160, -13.9105, 75.2326**, and if you desaturate by 10%, it is **204.3970, -8.5767, 44.3788**.

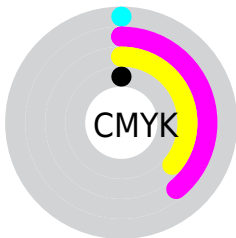
Distribution



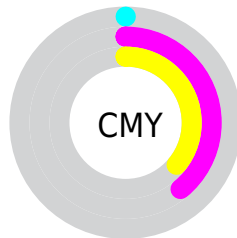
- Red (100%)
- Green (61%)
- Blue (64%)



- Red (100%)
- Yellow (61%)
- Blue (64%)



- Cyan (0%)
- Magenta (39%)
- Yellow (36%)
- Black (0%)





- Cyan (0%)
- Magenta (39%)
- Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the YUV color 186.5130, -11.0989, 60.0631 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 186.5130, -11.0989, 60.0631 by changing the saturation by 10% instead.

 186.5130,
-11.0989, 60.0631


 186.5130,
-11.0989, 60.0631


255.0000, 0.0000,
0.0000


 158.7300,
-10.2199, 58.1188

 225.6550, -3.2809,
25.7356


 131.8330, -9.7777,
56.2745

 245.2830, 0.8465,
8.5218

 105.7510, -8.7512,
53.7154

 79.4950, -7.1460,
52.1859

 53.3530, -5.1040,
50.5564

 27.7380, -2.3358,
49.3418

 17.3420, -8.5496,

35.6571

■ 8.4860, -3.6906,
17.1138

■ 0.0000, 0.0000,
0.0000

■ 186.5130,
-11.0989, 60.0631

■ 186.5130,
-11.0989, 60.0631

■ 169.2160,
-13.9105, 75.2326

■ 204.3970, -8.5767,
44.3788

■ 151.2180,
-16.8695, 91.0168

■ 221.8080, -5.3283,
29.1094

■ 133.9210,
-19.6811, 106.1863

■ 239.6920, -2.8062,
13.4251

■ 115.9230,
-22.6400, 121.9705

■ 255.0000, 0.0000,
0.0000

■ 98.6260, -25.4516,
137.1400

■ 80.6280, -28.4106,
152.9242

■ 78.6390, -28.4160,
154.6686

Harmonies

Analogous

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



188.3280, 6.2473, 49.7013



186.5130, -11.0989, 60.0631



184.8700, -26.0649, 53.6110

Triad

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



186.5130, -11.0989, 60.0631



174.4550, -20.4373, -24.9550



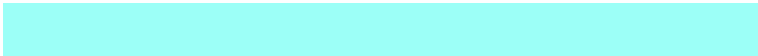
172.7560, 40.0533, -60.2990

Complementary

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



186.5130, -11.0989, 60.0631



224.4870, 11.0989, -60.0631

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.



156.2640, 39.3098, -101.9635



186.5130, -11.0989, 60.0631



167.0990, -0.5418, -59.7228

Square

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



186.5130, -11.0989, 60.0631



179.1510, -32.6124, 6.8836



156.4700, 23.4323, -96.0052



183.8370, 34.0974, -16.5200

Rectangle

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



186.5130, -11.0989, 60.0631



183.3710, -32.7209, 41.7706



156.4700, 23.4323, -96.0052



167.4830, 40.6809, -74.9686

Sweetspot

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



186.5130, -11.0989, 60.0631



233.6110, -3.2592, 18.7582



194.4950, 29.8290, 46.0469



115.4960, -2.2165, 10.9660



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.



186.5130, -11.0989, 60.0631



172.0200, -13.3209, 72.7735



209.6680, -26.4583, 39.7562



119.0010, -1.4795, 7.8921



58.8190, -21.6028, 115.9227



19.7060, -7.2501, 38.8458

Inverse Universe

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



186.5130, -11.0989, 60.0631



172.0200, -13.3209, 72.7735



201.3320, 26.4583, -39.7562



119.0010, -1.4795, 7.8921



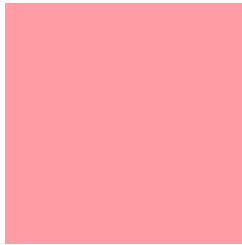
58.8190, -21.6028, 115.9227



19.7060, -7.2501, 38.8458

Previews

White Background



This preview shows how the YUV color 186.5130, -11.0989, 60.0631 looks on a white background.

Color Contrast Check

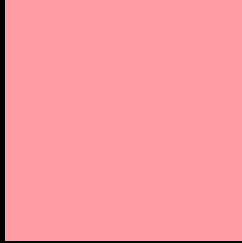
Large Text (above 18pt) WCAG AA × Fail

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 186.5130, -11.0989, 60.0631 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

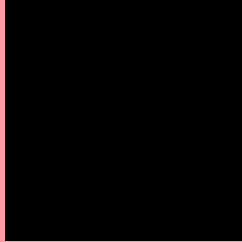
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 186.5130, -11.0989, 60.0631

Background



This preview shows how black text looks on a background with the YUV color 186.5130, -11.0989, 60.0631.



This preview shows how white text looks on a background with the YUV color 186.5130, -11.0989, 60.0631.

60.0631.

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

186.5130, -11.0989, 60.0631

Protanopia

184.3380, -2.6316, 4.0886

Deuteranopia

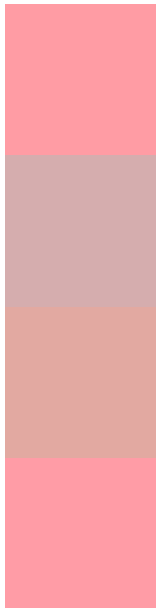
184.9290, -12.2900, 21.9873



Tritanopia

186.8550, -9.7885, 59.7632

Trichromacy



Original Color

186.5130, -11.0989, 60.0631

Protanomaly

185.0740, -5.4595, 24.4911

Deuteranomaly

185.1310, -11.8966, 35.8421

Tritanomaly

186.7410, -10.2253, 59.8631

Monochromacy



Original Color

186.5130, -11.0989, 60.0631

Achromatopsia

187.0000, 0.0000, 0.0000

Achromatomaly

187.1060, -3.9963, 21.8320

CSS Examples

Text

The CSS property to change the color of the text to YUV 186.5130, -11.0989, 60.0631 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, 156, 164)` looks like.

```
.text, #text, p{  
    color:rgb(255, 156, 164)  
}
```

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, 156, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 156, 164) }
```

Border

The CSS property to change the border of an element to YUV 186.5130, -11.0989, 60.0631 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, 156, 164) }
```


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

```
.border{ border-color:rgb(255, 156, 164) }
```

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

Here you see how a box with a 4 pixel rgb(255, 156, 164) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 156, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 156, 164);  
box-shadow:4px 4px 4px 4px rgb(255, 156,  
164) }
```

Background

The CSS property to change the background color of an element to YUV 186.5130, -11.0989, 60.0631 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 156, 164) }
```

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

```
.background{ background-color: rgb(255,  
156, 164) }
```

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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