

Converting Colors

YUV(187.6700, -9.2043,
59.0484)

Have a look what the booklet for
YUV(187.6700, -9.2043, 59.0484)
contains.

YUV(187.6700, -9.2043, 59.0484)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(187.6700, -9.2043,
59.0484)**

Conversions

Conversions Part 1

Format	Color
Hex	FF9DA9
RGB	255, 157, 169
RGB Percent	100%, 62%, 66%
CMY	0.0000, 0.3843, 0.3373
CMYK	0.00, 0.38, 0.34, 0.00
HSL	353°, 100%, 81%
HSV	353°, 38%, 100%
XYZ	60.4584, 48.2385, 43.6606
YIQ	187.6700, 54.5560, 24.5080

Conversions

Conversions Part 2

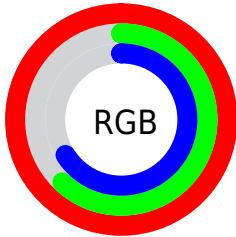
Format	Color
R _Y B	255, 157, 169
Decimal	16752041
CIE Lab	74.98, 37.87, 9.37
CIE LCh	75, 39.016, 13.898
Yxy	48.2385, 0.3968, 0.3166
Android (android.graphics.Color)	4294942121 (0xFFFF9DA9)
YUV	187.6700, -9.2043, 59.0484
Hunter-Lab	69.4540, 33.8366, 11.3465

Details

The YUV color $187.6700, -9.2043, 59.0484$ is a light color, and the websafe version is hex $FF9999$. A complement of this color would be $224.3300, 9.2043, -59.0484$, and the grayscale version is $188.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $226.8120, -1.3863, 24.7209$, and $132.9900, -7.8831, 55.2598$ is the 20% darker color. If you saturate the color by 10%, you get $170.4870, -11.5791, 74.1179$, and if you desaturate by 10%, it is $205.4400, -7.1189, 43.4641$.

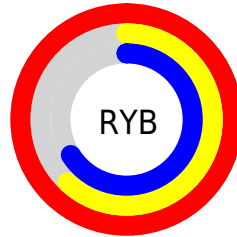
Distribution



Red (100%)

Green (62%)

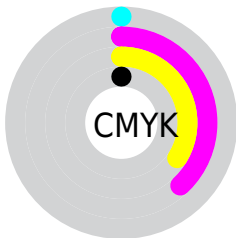
Blue (66%)



Red (100%)

Yellow (62%)

Blue (66%)

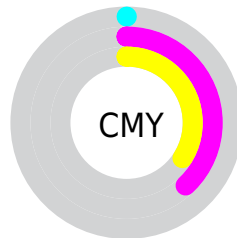


Cyan (0%)

Magenta (38%)

Yellow (34%)

Black (0%)



Cyan (0%)

Magenta (38%)

Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the YUV color 187.6700, -9.2043, 59.0484 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 187.6700, -9.2043, 59.0484 by changing the saturation by 10% instead.

 187.6700, -9.2043,
59.0484

 187.6700, -9.2043,
59.0484


255.0000, 0.0000,
0.0000


 159.8870, -8.3253,
57.1041


 226.8120, -1.3863,
24.7209


 132.9900, -7.8831,
55.2598

 246.5540, 3.1779,
7.4071

 106.2070, -7.0041,
53.3155

 80.5380, -5.6882,
51.2712

 54.3960, -3.6462,
49.6417

 28.0800, -1.0254,
49.0418

 17.6410, -8.6970,

36.2718

■ 9.0840, -3.9854,
18.3433

■ 0.0000, 0.0000,
0.0000

■ 187.6700, -9.2043,
59.0484

■ 187.6700, -9.2043,
59.0484

■ 170.4870,
-11.5791, 74.1179

■ 205.4400, -7.1189,
43.4641

■ 152.6030,
-14.1013, 89.8022

■ 222.7370, -4.3073,
28.2947

■ 135.4200,
-16.4761, 104.8717

■ 240.5070, -2.2220,
12.7104

■ 117.5360,
-18.9982, 120.5559

■ 255.0000, 0.0000,
0.0000

■ 99.7660, -21.0836,
136.1402

■ 82.5830, -23.4584,
151.2097

■ 79.7790, -24.0480,
153.6688

Harmonies

Analogous

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



189.3600, 7.7105, 47.0423



187.6700, -9.2043, 59.0484



185.9240, -24.6125, 54.4407

Triad

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



187.6700, -9.2043, 59.0484



176.1350, -21.7586, -21.1664



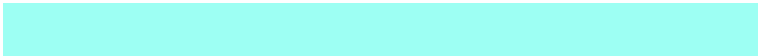
172.6200, 39.6273, -63.6877

Complementary

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



187.6700, -9.2043, 59.0484



224.3300, 9.2043, -59.0484

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.



157.7050, 37.1204, -99.7193



187.6700, -9.2043, 59.0484



169.1490, -3.0315, -54.5047

Square

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



187.6700, -9.2043, 59.0484



180.7600, -32.9127, 9.8575



160.0040, 20.2110, -89.4575



183.6300, 34.6924, -20.7235

Rectangle

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



187.6700, -9.2043, 59.0484



184.7240, -31.4159, 43.2151



160.0040, 20.2110, -89.4575



167.5320, 39.6707, -77.6426

Sweetspot

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



187.6700, -9.2043, 59.0484



233.7250, -2.8224, 18.6582



193.5870, 30.2766, 42.4582



115.6100, -1.7797, 10.8660



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.



187.6700, -9.2043, 59.0484



174.5790, -11.1314, 70.5292



207.4340, -24.8640, 41.7154



119.0010, -1.4795, 7.8921



59.7310, -18.1084, 115.1229



20.0480, -5.9397, 38.5459

Inverse Universe

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



187.6700, -9.2043, 59.0484



174.5790, -11.1314, 70.5292



204.5660, 24.8640, -41.7154



119.0010, -1.4795, 7.8921



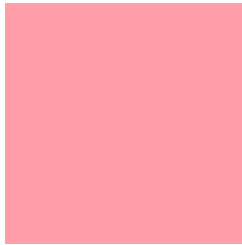
59.7310, -18.1084, 115.1229



20.0480, -5.9397, 38.5459

Previews

White Background



This preview shows how the YUV color 187.6700, -9.2043, 59.0484 looks on a white background.

Color Contrast Check

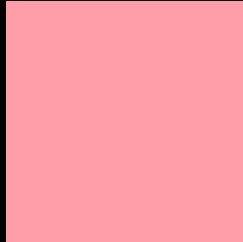
Large Text (above 18pt) WCAG AA × Fail

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 187.6700, -9.2043, 59.0484 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 187.6700, -9.2043, 59.0484

Background



This preview shows how black text looks on a background with the YUV color 187.6700, -9.2043, 59.0484.



This preview shows how white text looks on a background with the YUV color 187.6700, -9.2043,

59.0484.

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

187.6700, -9.2043, 59.0484

Protanopia

185.1960, -0.5896, 2.4591

Deuteranopia

186.0860, -10.3954, 20.9726



Tritanopia

187.6700, -9.2043, 59.0484

Trichromacy



Original Color

187.6700, -9.2043, 59.0484



Protanomaly

185.9320, -3.4175, 22.8616



Deuteranomaly

186.2880, -10.0020, 34.8274



Tritanomaly

187.6700, -9.2043, 59.0484

Monochromacy



Original Color

187.6700, -9.2043, 59.0484



Achromatopsia

188.0000, 0.0000, 0.0000



Achromatomaly

187.9210, -3.4121, 21.1173

CSS Examples

Text

The CSS property to change the color of the text to YUV 187.6700, -9.2043, 59.0484 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, 157, 169)` looks like.

```
.text, #text, p{  
    color:rgb(255, 157, 169)  
}
```

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, 157, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 157, 169) }
```

Border

The CSS property to change the border of an element to YUV 187.6700, -9.2043, 59.0484 is called "border". The border property can be set on classes, ids or directly on the HTML element.

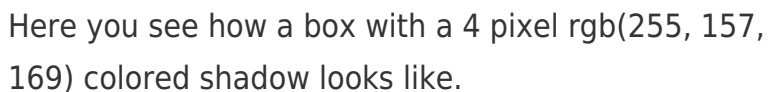
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(255, 157, 169) }
```


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

```
.border{ border-color:rgb(255, 157, 169) }
```

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



Here you see how a box with a 4 pixel `rgb(255, 157, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 157, 169); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 157, 169); box-shadow:4px 4px 4px 4px rgb(255, 157, 169) }
```

Background

The CSS property to change the background color of an element to YUV 187.6700, -9.2043, 59.0484 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 157, 169) }
```

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

```
.background{ background-color: rgb(255,  
157, 169) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor