

# Converting Colors

YUV(184.9520, 9.8837, 50.0311)

Have a look what the booklet for  
YUV(184.9520, 9.8837, 50.0311)  
contains.

<b>YUV(184.9520, 9.8837, 50.0311)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YUV(184.9520, 9.8837,  
50.0311)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F298CD
RGB	242, 152, 205
RGB Percent	95%, 60%, 80%
CMY	0.0510, 0.4039, 0.1961
CMYK	0.00, 0.37, 0.15, 0.05
HSL	325°, 78%, 77%
HSV	325°, 37%, 95%
XYZ	58.8656, 45.7415, 63.4840
YIQ	184.9520, 36.6270, 35.5630

# Conversions

## Conversions Part 2

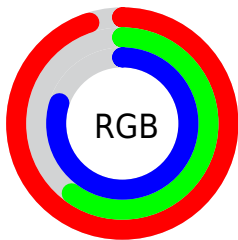
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	242, 152, 205
Decimal	15898829
CIE Lab	73.38, 40.95, -12.98
CIE LCh	73, 42.959, 342.408
Yxy	45.7415, 0.3502, 0.2721
Android (android.graphics.Color)	4294088909 (0xFFFF298CD)
YUV	184.9520, 9.8837, 50.0311
Hunter-Lab	67.6325, 37.0052, -8.3106

# Details

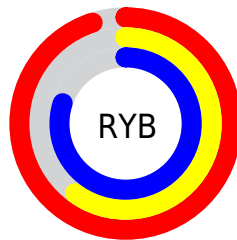
The YUV color **184.9520, 9.8837, 50.0311** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **209.0480, -9.8837, -50.0311**, and the grayscale version is **185.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **227.4110, 13.6014, 24.1956**, and **130.3430, 10.1839, 47.0572** is the 20% darker color. If you saturate the color by 10%, you get **169.7240, 12.4611, 63.3861**, and if you desaturate by 10%, it is **200.1800, 7.3063, 36.6761**.

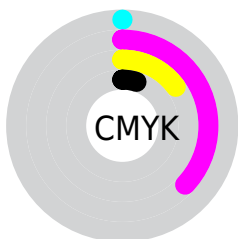
# Distribution



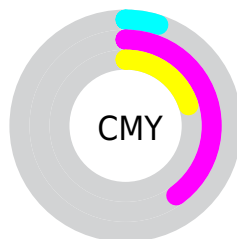
- Red (95%)
- Green (60%)
- Blue (80%)



- Red (95%)
- Yellow (60%)
- Blue (80%)



- Cyan (0%)
- Magenta (37%)
- Yellow (15%)
- Black (5%)




- Cyan (5%)
- Magenta (40%)
- Yellow (20%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 184.9520, 9.8837, 50.0311 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 184.9520, 9.8837, 50.0311 by changing the saturation by 10% instead.





 184.9520, 9.8837,  
50.0311

 184.9520, 9.8837,  
50.0311

255.0000, 0.0000,  
0.0000


 157.3540, 10.1785,  
48.8015


 227.4110, 13.6014,  
24.1956


 130.3430, 10.1839,  
47.0572

 243.8470, 5.4984,  
9.7812

 103.7450, 10.4787,  
45.8276

 78.1470, 10.7735,  
44.5981

 51.7880, 11.9365,  
44.9129

 29.0650, 11.8000,  
42.0390

 19.4950, 6.1650,

29.3839

■ 7.6320, -1.7906,  
14.3547

■ 0.0000, 0.0000,  
0.0000

■ 184.9520, 9.8837,  
50.0311

■ 184.9520, 9.8837,  
50.0311

■ 169.7240, 12.4611,  
63.3861

■ 200.1800, 7.3063,  
36.6761

■ 154.4960, 15.0385,  
76.7410

■ 215.4080, 4.7289,  
23.3212

■ 138.6810, 17.9053,  
90.6108

■ 231.2230, 1.8621,  
9.4514

■ 123.4530, 20.4827,  
103.9657

■ 246.4510, -0.7153,  
-3.9035

■ 108.2250, 23.0601,  
117.3207

■ 251.1130, 1.9163,  
-7.9921

■ 92.9970, 25.6375,  
130.6756

■ 88.6600, 26.7896,  
134.4792

# Harmonies

## Analogous

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



184.8090, 26.7162, 17.7075



184.9520, 9.8837, 50.0311



182.5180, -8.6364, 63.5667

# Triad

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



184.9520, 9.8837, 50.0311



175.5600, -36.2651, 11.7869



142.6740, 44.0377, -125.1251

# Complementary

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



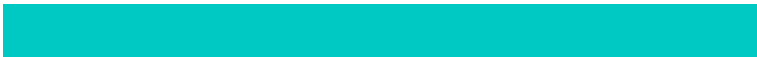
184.9520, 9.8837, 50.0311



209.0480, -9.8837, -50.0311

# 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.



140.3310, 27.4448, -123.0703



184.9520, 9.8837, 50.0311



170.7390, -24.5213, -21.6961

# Square

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



184.9520, 9.8837, 50.0311



179.0350, -36.4993, 40.3113



162.5890, -3.7414, -60.1526



162.7150, 45.4965, -79.5571



# Rectangle

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



184.9520, 9.8837, 50.0311



181.7170, -20.5665, 63.3922



162.5890, -3.7414, -60.1526



142.5940, 38.6542, -125.0549

# Sweetspot

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



184.9520, 9.8837, 50.0311



237.1960, 2.8614, 15.6141



173.0240, 34.0052, 13.1340



117.2230, 1.8621, 9.4514



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.



184.9520, 9.8837, 50.0311



182.1370, 12.7505, 63.9009



179.9360, -9.3354, 54.4301



112.3860, 1.2887, 6.6775



67.3280, 20.0513, 102.3213



20.5060, 6.1595, 31.1282



# Inverse Universe

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



184.9520, 9.8837, 50.0311



182.1370, 12.7505, 63.9009



214.0640, 9.3354, -54.4301



112.3860, 1.2887, 6.6775



67.3280, 20.0513, 102.3213



20.5060, 6.1595, 31.1282



# Previews

## White Background



This preview shows how the YUV color 184.9520, 9.8837, 50.0311 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

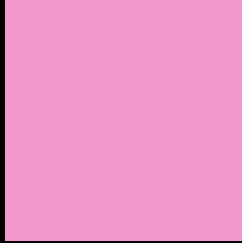
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 184.9520, 9.8837, 50.0311 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

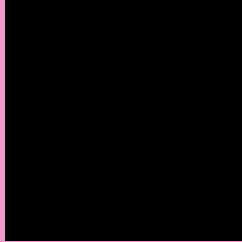
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 184.9520, 9.8837, 50.0311

## Background



This preview shows how black text looks on a background with the YUV color 184.9520, 9.8837, 50.0311.



This preview shows how white text looks on a background with the YUV color 184.9520, 9.8837,



# 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

184.9520, 9.8837, 50.0311

### Protanopia

181.3250, 20.5458, -9.9320

### Deuteranopia

182.7370, 9.0037, 5.4927



## Tritanopia

183.2880, -6.5510, 47.9824

# Trichromacy



## Original Color

184.9520, 9.8837, 50.0311



## Protanomaly

182.4310, 16.5495, 11.9000



## Deuteranomaly

183.2490, 9.2442, 21.7066



## Tritanomaly

183.8950, -0.4412, 48.3271

# Monochromacy



## Original Color

184.9520, 9.8837, 50.0311



## Achromatopsia

185.0000, 0.0000, 0.0000



## Achromatomaly

185.0330, 3.4347, 18.3881

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 184.9520, 9.8837, 50.0311 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(242, 152, 205)` looks like.

```
.text, #text, p{  
    color:rgb(242, 152, 205)  
}
```

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(242, 152, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 152, 205) }
```

## Border

The CSS property to change the border of an element to YUV 184.9520, 9.8837, 50.0311 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(242, 152, 205) }
```



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

```
.border{ border-color:rgb(242, 152, 205) }
```

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

Here you see how a box with a 4 pixel rgb(242, 152, 205) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 152, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 152, 205);  
box-shadow:4px 4px 4px 4px rgb(242, 152,  
205) }
```

# Background

The CSS property to change the background color of an element to YUV 184.9520, 9.8837, 50.0311 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 152, 205) }
```

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

```
.background{ background-color: rgb(242,  
152, 205) }
```

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