

# Converting Colors

YUV(178.0790, 3.9051, 54.3047)

Have a look what the booklet for  
YUV(178.0790, 3.9051, 54.3047)  
contains.

<b>YUV(178.0790, 3.9051, 54.3047)</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(178.0790, 3.9051,  
54.3047)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F091BA
RGB	240, 145, 186
RGB Percent	94%, 57%, 73%
CMY	0.0588, 0.4314, 0.2706
CMYK	0.00, 0.40, 0.23, 0.06
HSL	334°, 76%, 75%
HSV	334°, 40%, 94%
XYZ	54.9235, 42.3212, 51.7284
YIQ	178.0790, 43.4590, 32.8910

# Conversions

## Conversions Part 2

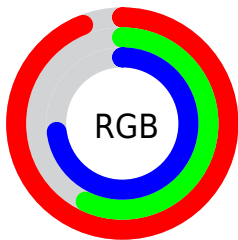
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	240, 145, 186
Decimal	15765946
CIE <sub>Lab</sub>	71.09, 41.07, -5.90
CIE <sub>LCh</sub>	71, 41.489, 351.825
Yxy	42.3212, 0.3687, 0.2841
Android (android.graphics.Color)	4293956026 (0xFFFF091BA)
YUV	178.0790, 3.9051, 54.3047
Hunter-Lab	65.0548, 36.8556, -1.6062

# Details

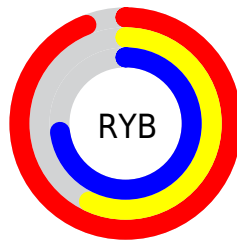
The YUV color  $178.0790, 3.9051, 54.3047$  is a light color, and the websafe version is hex  $FF99CC$ . A complement of this color would be  $206.9210, -3.9051, -54.3047$ , and the grayscale version is  $178.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $221.2330, 10.2381, 29.6137$ , and  $123.5840, 4.6421, 51.2308$  is the 20% darker color. If you saturate the color by 10%, you get  $162.3950, 4.7353, 68.0596$ , and if you desaturate by 10%, it is  $193.7630, 3.0748, 40.5498$ .

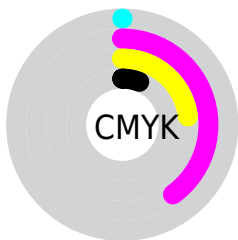
# Distribution



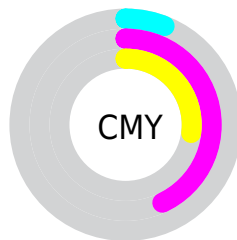
- Red (94%)
- Green (57%)
- Blue (73%)



- Red (94%)
- Yellow (57%)
- Blue (73%)



- Cyan (0%)
- Magenta (40%)
- Yellow (23%)
- Black (6%)



- Cyan (6%)
- Magenta (43%)
- Yellow (27%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 178.0790, 3.9051, 54.3047 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 178.0790, 3.9051, 54.3047 by changing the saturation by 10% instead.




 178.0790, 3.9051,  
54.3047


 178.0790, 3.9051,  
54.3047

255.0000, 0.0000,  
0.0000

 150.4810, 4.1999,  
53.0752


 221.2330, 10.2381,  
29.6137


 123.5840, 4.6421,  
51.2308

 239.7380, 7.5242,  
13.3848

 97.6870, 5.0843,  
49.3865

 71.5020, 5.6685,  
48.6717

 43.1970, 8.2839,  
49.8162

 26.2730, 6.2744,  
40.9796

 17.3010, 0.3446,

29.5540

■ 2.0930, -1.0318,  
4.3034

■ 0.0000, 0.0000,  
0.0000

■ 178.0790, 3.9051,  
54.3047

■ 178.0790, 3.9051,  
54.3047

■ 162.3950, 4.7353,  
68.0596

■ 193.7630, 3.0748,  
40.5498

■ 146.8250, 6.0023,  
81.7145

■ 209.3330, 1.8078,  
26.8950

■ 131.1410, 6.8325,  
95.4693

■ 225.0170, 0.9776,  
13.1401

■ 115.4570, 7.6627,  
109.2242

■ 240.7010, 0.1474,  
-0.6148

■ 99.8870, 8.9297,  
122.8791

■ 250.4010, 1.7743,  
-9.1217

■ 84.2030, 9.7599,  
136.6340

■ 250.5150, 2.2111,  
-9.2217

■ 83.6160, 10.0493,  
137.1488

# Harmonies

## Analogous

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



178.6810, 20.8633, 28.3438



178.0790, 3.9051, 54.3047



175.8400, -13.7251, 62.4073

# Triad

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



178.0790, 3.9051, 54.3047



168.1180, -32.5962, 1.6505



137.9780, 46.3528, -121.0067

# Complementary

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



178.0790, 3.9051, 54.3047



206.9210, -3.9051, -54.3047

# 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.



136.7920, 31.6545, -119.9666



178.0790, 3.9051, 54.3047



163.2800, -18.3790, -31.8176

# Square

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



178.0790, 3.9051, 54.3047



171.7950, -35.8879, 30.8748



153.5860, 4.1481, -70.6739



163.2230, 41.7951, -58.9546



# Rectangle

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



178.0790, 3.9051, 54.3047



174.9460, -24.6234, 57.9294



153.5860, 4.1481, -70.6739



138.1260, 41.8429, -121.1365

# Sweetspot

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



178.0790, 3.9051, 54.3047



234.8650, 1.5456, 17.6584



171.9760, 33.5358, 23.7000



116.1800, 0.4043, 10.3661



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.



178.0790, 3.9051, 54.3047



175.4060, 4.7298, 69.8039



176.9270, -15.7400, 55.3150



112.1580, 0.4151, 6.8774



64.0220, 7.3842, 105.2207



19.4800, 2.2284, 32.0280



# Inverse Universe

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



178.0790, 3.9051, 54.3047



175.4060, 4.7298, 69.8039



208.0730, 15.7400, -55.3150



112.1580, 0.4151, 6.8774



64.0220, 7.3842, 105.2207



19.4800, 2.2284, 32.0280



# Previews

## White Background



This preview shows how the YUV color 178.0790, 3.9051, 54.3047 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

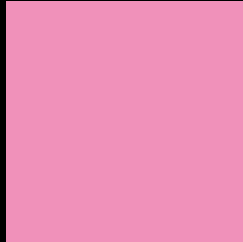
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 178.0790, 3.9051, 54.3047 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

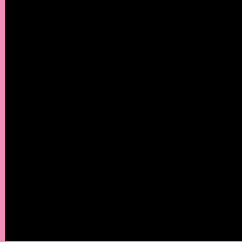
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 178.0790, 3.9051, 54.3047

## Background



This preview shows how black text looks on a background with the YUV color 178.0790, 3.9051, 54.3047.



This preview shows how white text looks on a background with the YUV color 178.0790, 3.9051,



# 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

178.0790, 3.9051, 54.3047

### Protanopia

175.3380, 14.1304, -5.5584

### Deuteranopia

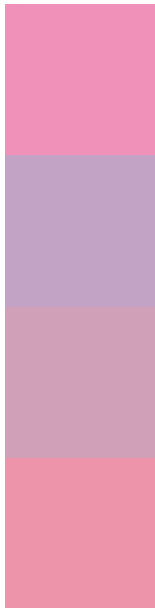
176.1630, 2.8776, 10.3810



## Tritanopia

177.2670, -8.0196, 52.3858

# Trichromacy



## Original Color

178.0790, 3.9051, 54.3047

## Protanomaly

176.4440, 10.1341, 16.2736

## Deuteranomaly

176.6750, 3.1182, 26.5950

## Tritanomaly

177.4180, -3.6571, 53.1304

# Monochromacy



## Original Color

178.0790, 3.9051, 54.3047

## Achromatopsia

178.0000, 0.0000, 0.0000

## Achromatomaly

178.1750, 1.3927, 20.0175

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 178.0790, 3.9051, 54.3047 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(240, 145, 186)` looks like.

```
.text, #text, p{  
    color:rgb(240, 145, 186)  
}
```

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(240, 145, 186) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(240, 145, 186) }
```

## Border

The CSS property to change the border of an element to YUV 178.0790, 3.9051, 54.3047 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(240, 145, 186) }
```



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

```
.border{ border-color:rgb(240, 145, 186) }
```

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

Here you see how a box with a 4 pixel `rgb(240, 145, 186)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(240, 145, 186); -webkit-box-  
shadow:4px 4px 4px 4px rgb(240, 145, 186);  
box-shadow:4px 4px 4px 4px rgb(240, 145,  
186) }
```

# Background

The CSS property to change the background color of an element to YUV 178.0790, 3.9051, 54.3047 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(240, 145, 186) }
```

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

```
.background{ background-color: rgb(240,  
145, 186) }
```

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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