

# Converting Colors

YUV(172.4780, -8.1237,  
39.0458)

Have a look what the booklet for  
YUV(172.4780, -8.1237, 39.0458)  
contains.

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# Color

**YUV(172.4780, -8.1237,  
39.0458)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D9999C
RGB	217, 153, 156
RGB Percent	85%, 60%, 61%
CMY	0.1490, 0.4000, 0.3882
CMYK	0.00, 0.29, 0.28, 0.15
HSL	357°, 46%, 73%
HSV	357°, 29%, 85%
XYZ	46.0073, 39.9345, 36.7358
YIQ	172.4780, 37.1810, 14.5010

# Conversions

## Conversions Part 2

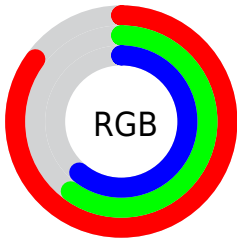
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	217, 153, 156
Decimal	14260636
CIE Lab	69.42, 24.38, 8.05
CIE LCh	69, 25.676, 18.268
Yxy	39.9345, 0.3750, 0.3255
Android (android.graphics.Color)	4292450716 (0xFFD9999C)
YUV	172.4780, -8.1237, 39.0458
Hunter-Lab	63.1937, 19.3652, 9.7692

# Details

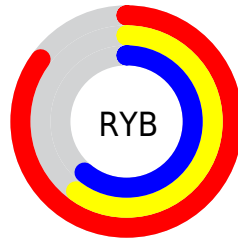
The YUV color  $172.4780, -8.1237, 39.0458$  is a light color, and the websafe version is hex  $CC9999$ . A complement of this color would be  $197.5220, 8.1237, -39.0458$ , and the grayscale version is  $173.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $222.2810, -6.0545, 28.6946$ , and  $119.3960, -7.0972, 36.4867$  is the 20% darker color. If you saturate the color by 10%, you get  $157.1700, -10.9298, 52.4709$ , and if you desaturate by 10%, it is  $187.7860, -5.3175, 25.6207$ .

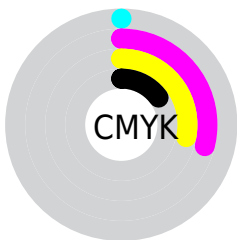
# Distribution



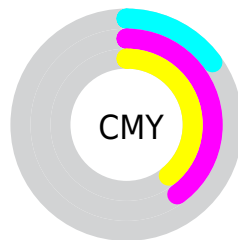
- Red (85%)
- Green (60%)
- Blue (61%)



- Red (85%)
- Yellow (60%)
- Blue (61%)



- Cyan (0%)
- Magenta (29%)
- Yellow (28%)
- Black (15%)




- Cyan (15%)
- Magenta (40%)
- Yellow (39%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 172.4780, -8.1237, 39.0458 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 172.4780, -8.1237, 39.0458 by changing the saturation by 10% instead.




 172.4780, -8.1237,  
39.0458


 172.4780, -8.1237,  
39.0458

255.0000, 0.0000,  
0.0000


 145.8800, -7.8288,  
37.8162


 222.2810, -6.0545,  
28.6946


 119.3960, -7.0972,  
36.4867

 242.0230, -1.4903,  
11.3808

 94.4990, -6.6550,  
34.6424

 69.7160, -5.7760,  
32.6981

 46.5200, -5.1864,  
30.2390

 22.5630, -3.7286,  
29.3242

 10.8780, -4.8699,

22.0320

■ 0.0000, 0.0000,  
0.0000

■ 172.4780, -8.1237,  
39.0458

■ 172.4780, -8.1237,  
39.0458

■ 157.1700,  
-10.9298, 52.4709

■ 187.7860, -5.3175,  
25.6207

■ 142.5630,  
-13.5886, 65.2812

■ 202.3930, -2.6587,  
12.8103

■ 127.2550,  
-16.3947, 78.7064

■ 217.7010, 0.1474,  
-0.6148

■ 111.9470,  
-19.2009, 92.1315

■ 233.0090, 2.9536,  
-14.0399

■ 96.7530, -21.5702,  
105.4566

■ 243.6380, 5.6015,  
-23.3615

■ 82.0320, -24.6658,  
118.3669

■ 66.7240, -27.4719,  
131.7921

■ 66.0230, -27.6193,  
132.4068

# Harmonies

## Analogous

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



173.1210, 3.3913, 32.3429



172.4780, -8.1237, 39.0458



171.3390, -17.4221, 34.7827

# Triad

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



172.4780, -8.1237, 39.0458



164.1600, -12.8969, -16.8033



164.9200, 24.6894, -32.3788

# Complementary

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



172.4780, -8.1237, 39.0458



197.5220, 8.1237, -39.0458

# 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.



159.8980, 21.2493, -49.0225



172.4780, -8.1237, 39.0458



160.8400, -0.9071, -35.8167

# Square

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



172.4780, -8.1237, 39.0458



167.2290, -20.8189, 4.1842



158.7810, 11.9400, -49.7969



170.4500, 20.9771, -8.2877



# Rectangle

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



172.4780, -8.1237, 39.0458



169.6710, -21.0368, 27.4755



158.7810, 11.9400, -49.7969



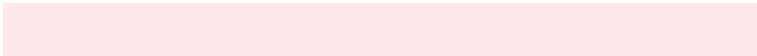
163.6480, 23.8375, -39.1563

# Sweetspot

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



172.4780, -8.1237, 39.0458



238.9910, -2.9536, 14.0399



178.5350, 18.9632, 31.1028



117.5990, -1.7743, 9.1217



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.



172.4780, -8.1237, 39.0458



193.0670, -11.3720, 54.3152



189.1590, -17.8264, 24.4166



102.2890, -1.6215, 6.7625



52.6390, -22.0070, 105.5566



13.9820, -5.9071, 28.0798



# Inverse Universe

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



172.4780, -8.1237, 39.0458



193.0670, -11.3720, 54.3152



180.8410, 17.8264, -24.4166



102.2890, -1.6215, 6.7625



52.6390, -22.0070, 105.5566

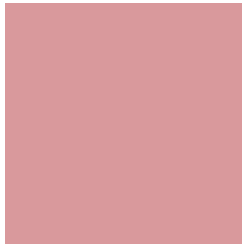


13.9820, -5.9071, 28.0798



# Previews

## White Background



This preview shows how the YUV color 172.4780, -8.1237, 39.0458 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

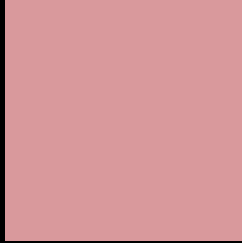
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 172.4780, -8.1237, 39.0458 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

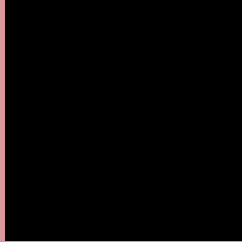
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 172.4780, -8.1237, 39.0458

## Background



This preview shows how black text looks on a background with the YUV color 172.4780, -8.1237, 39.0458.



This preview shows how white text looks on a background with the YUV color 172.4780, -8.1237,

39.0458.

# 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

172.4780, -8.1237, 39.0458

### Protanopia

170.0390, -2.4842, 3.4738

### Deuteranopia

171.2320, -8.4954, 18.2135



## Tritanopia

172.9880, -4.9241, 39.4755

# Trichromacy



## Original Color

172.4780, -8.1237, 39.0458

## Protanomaly

170.9590, -4.4168, 16.6990

## Deuteranomaly

171.6890, -8.2277, 25.7057

## Tritanomaly

172.6460, -6.2345, 39.7755

# Monochromacy



## Original Color

172.4780, -8.1237, 39.0458

## Achromatopsia

172.0000, 0.0000, 0.0000

## Achromatomaly

171.9910, -2.9536, 14.0399

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 172.4780, -8.1237, 39.0458 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(217, 153, 156)` looks like.

```
.text, #text, p{  
    color:rgb(217, 153, 156)  
}
```

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(217, 153, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 153, 156) }
```

## Border

The CSS property to change the border of an element to YUV 172.4780, -8.1237, 39.0458 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(217, 153, 156) }
```



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

```
.border{ border-color:rgb(217, 153, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 153, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 153, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 153, 156);  
box-shadow:4px 4px 4px 4px rgb(217, 153,  
156) }
```

# Background

The CSS property to change the background color of an element to YUV 172.4780, -8.1237, 39.0458 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 153, 156) }
```

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

```
.background{ background-color: rgb(217,  
153, 156) }
```

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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