

Converting Colors

YUV(189.4780, -8.1237,
39.0458)

Have a look what the booklet for
YUV(189.4780, -8.1237, 39.0458)
contains.

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Color

**YUV(189.4780, -8.1237,
39.0458)**

Conversions

Conversions Part 1

Format	Color
Hex	EAAAAD
RGB	234, 170, 173
RGB Percent	92%, 67%, 68%
CMY	0.0824, 0.3333, 0.3216
CMYK	0.00, 0.27, 0.26, 0.08
HSL	357°, 60%, 79%
HSV	357°, 27%, 92%
XYZ	55.8492, 49.2590, 46.0995
YIQ	189.4780, 37.1810, 14.5010

Conversions

Conversions Part 2

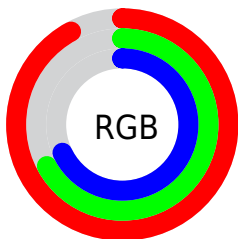
Format	Color
R _Y B	234, 170, 173
Decimal	15379117
CIE Lab	75.61, 23.91, 7.77
CIE LCh	76, 25.142, 18.009
Yxy	49.2590, 0.3694, 0.3258
Android (android.graphics.Color)	4293569197 (0xFFEAAAAD)
YUV	189.4780, -8.1237, 39.0458
Hunter-Lab	70.1848, 19.2173, 10.1858

Details

The YUV color $189.4780, -8.1237, 39.0458$ is a light color, and the websafe version is hex $CC9999$. A complement of this color would be $214.5220, 8.1237, -39.0458$, and the grayscale version is $190.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $234.8990, -3.4012, 17.6286$, and $135.3960, -7.0972, 36.4867$ is the 20% darker color. If you saturate the color by 10%, you get $173.4690, -11.0772, 53.0857$, and if you desaturate by 10%, it is $205.4870, -5.1701, 25.0059$.

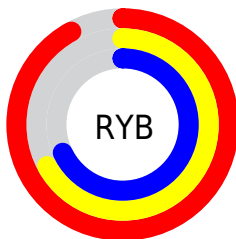
Distribution



Red (92%)

Green (67%)

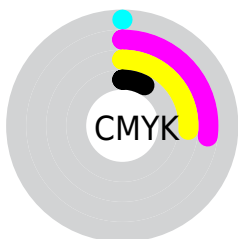
Blue (68%)



Red (92%)

Yellow (67%)

Blue (68%)

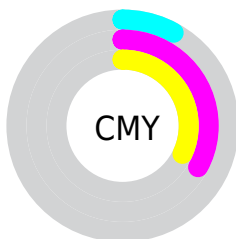


Cyan (0%)

Magenta (27%)

Yellow (26%)

Black (8%)



Cyan (8%)


Magenta (33%)


Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the YUV color 189.4780, -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 189.4780, -8.1237, 39.0458 by changing the saturation by 10% instead.

 189.4780, -8.1237,
39.0458

 189.4780, -8.1237,
39.0458

255.0000, 0.0000,
0.0000


 161.8800, -7.8288,
37.8162


 234.8990, -3.4012,
17.6286


 135.3960, -7.0972,
36.4867

254.4130, 0.2894,
0.5148

 109.4990, -6.6550,
34.6424

 84.9010, -6.3602,
33.4128

 60.8190, -5.3338,
30.8537

 37.4490, -4.1654,
29.4242

 14.6940, -5.7651,

29.2094

■ 3.8870, -1.9163,
7.9921

■ 0.0000, 0.0000,
0.0000

■ 189.4780, -8.1237,
39.0458

■ 189.4780, -8.1237,
39.0458

■ 173.4690,
-11.0772, 53.0857

■ 205.4870, -5.1701,
25.0059

■ 156.7590,
-14.1782, 67.7404

■ 222.1970, -2.0691,
10.3512

■ 140.7500,
-17.1318, 81.7802

■ 238.2060, 0.8844,
-3.6887

■ 124.1540,
-19.7959, 96.3349

■ 248.7210, 3.0955,
-12.9103

■ 108.0310,
-23.1863, 110.4748

■ 92.0220, -26.1398,
124.5147

■ 75.4260, -28.8040,
139.0694

■ 71.2200, -29.6885,
142.7581

Harmonies

Analogous

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



190.7080, 3.1020, 31.8281



189.4780, -8.1237, 39.0458



187.7520, -17.1327, 35.2975

Triad

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



189.4780, -8.1237, 39.0458



180.8720, -12.7549, -15.6737



182.1050, 24.1052, -31.6641

Complementary

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



189.4780, -8.1237, 39.0458



214.5220, 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.



177.7950, 20.8071, -47.1782



189.4780, -8.1237, 39.0458



177.8400, -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.



189.4780, -8.1237, 39.0458



183.6420, -20.5295, 4.6990



175.7920, 11.9345, -48.0526



187.4500, 20.9772, -8.2876

Rectangle

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



189.4780, -8.1237, 39.0458



186.9700, -21.1842, 28.0903



175.7920, 11.9345, -48.0526



180.3600, 23.9795, -38.0267

Sweetspot

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



189.4780, -8.1237, 39.0458



241.0940, -2.5113, 12.1956



195.5350, 18.9632, 31.1028



118.8870, -1.9163, 7.9921



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.



189.4780, -8.1237, 39.0458



196.5720, -10.6350, 51.2414



206.1590, -17.8264, 24.4166



109.2890, -1.6215, 6.7625



55.0310, -23.1863, 110.4748



16.4880, -6.6496, 32.8980

Inverse Universe

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



189.4780, -8.1237, 39.0458



196.5720, -10.6350, 51.2414



197.8410, 17.8264, -24.4166



109.2890, -1.6215, 6.7625



55.0310, -23.1863, 110.4748



16.4880, -6.6496, 32.8980

Previews

White Background



This preview shows how the YUV color 189.4780, -8.1237, 39.0458 looks on a white background.

Color Contrast Check

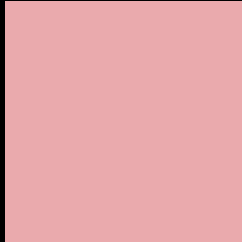
Large Text (above 18pt) WCAG AA × Fail

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 189.4780, -8.1237, 39.0458 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

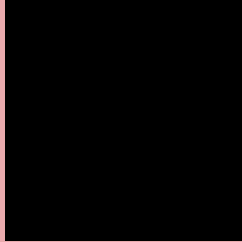
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 189.4780, -8.1237, 39.0458

Background



This preview shows how black text looks on a background with the YUV color 189.4780, -8.1237, 39.0458.



This preview shows how white text looks on a background with the YUV color 189.4780, -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

189.4780, -8.1237, 39.0458

Protanopia

187.0390, -2.4842, 3.4738

Deuteranopia

187.9440, -8.3534, 19.3431



Tritanopia

190.2160, -4.0505, 39.2756

Trichromacy



Original Color

189.4780, -8.1237, 39.0458

Protanomaly

187.9590, -4.4168, 16.6990

Deuteranomaly

188.4010, -8.0857, 26.8353

Tritanomaly

189.8740, -5.3609, 39.5755

Monochromacy



Original Color

189.4780, -8.1237, 39.0458

Achromatopsia

189.0000, 0.0000, 0.0000

Achromatomaly

188.9910, -2.9536, 14.0399

CSS Examples

Text

The CSS property to change the color of the text to YUV 189.4780, -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(234, 170, 173)` looks like.

```
.text, #text, p{  
    color:rgb(234, 170, 173)  
}
```

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(234, 170, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 170, 173) }
```

Border

The CSS property to change the border of an element to YUV 189.4780, -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(234, 170, 173) }
```


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

```
.border{ border-color:rgb(234, 170, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(234, 170, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 170, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 170, 173);  
box-shadow:4px 4px 4px 4px rgb(234, 170,  
173) }
```

Background

The CSS property to change the background color of an element to YUV 189.4780, -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(234, 170, 173) }
```

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

```
.background{ background-color: rgb(234,  
170, 173) }
```

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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