

Converting Colors

YUV(168.2230, 12.2151,
48.9164)

Have a look what the booklet for
YUV(168.2230, 12.2151, 48.9164)
contains.

YUV(168.2230, 12.2151, 48.9164)	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(168.2230, 12.2151,
48.9164)**

Conversions

Conversions Part 1

Format	Color
Hex	E087C1
RGB	224, 135, 193
RGB Percent	88%, 53%, 76%
CMY	0.1216, 0.4706, 0.2431
CMYK	0.00, 0.40, 0.14, 0.12
HSL	321°, 59%, 70%
HSV	321°, 40%, 88%
XYZ	49.0301, 37.0255, 55.0145
YIQ	168.2230, 34.4260, 36.9060

Conversions

Conversions Part 2

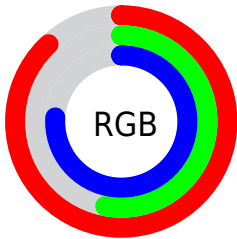
Format	Color
R _Y B	224, 135, 193
Decimal	14714817
CIE Lab	67.30, 41.97, -15.68
CIE LCh	67, 44.799, 339.511
Yxy	37.0255, 0.3476, 0.2625
Android (android.graphics.Color)	4292904897 (0xFFE087C1)
YUV	168.2230, 12.2151, 48.9164
Hunter-Lab	60.8486, 37.3453, -11.0114

Details

The YUV color **168.2230, 12.2151, 48.9164** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **190.7770, -12.2151, -48.9164**, and the grayscale version is **168.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **216.2750, 16.6264, 33.9618**, and **114.5000, 12.0785, 46.0425** is the 20% darker color. If you saturate the color by 10%, you get **154.3970, 15.0873, 61.0418**, and if you desaturate by 10%, it is **182.0490, 9.3428, 36.7910**.

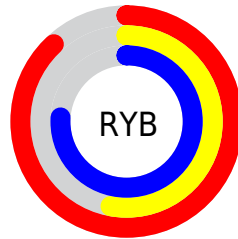
Distribution



Red (88%)

Green (53%)

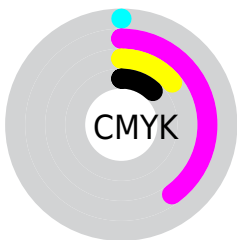
Blue (76%)



Red (88%)

Yellow (53%)

Blue (76%)

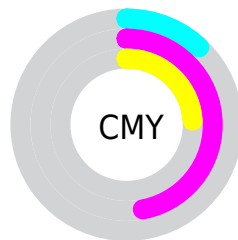


Cyan (0%)

Magenta (40%)

Yellow (14%)

Black (12%)



Cyan (12%)

Magenta (47%)


Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the YUV color 168.2230, 12.2151, 48.9164 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 168.2230, 12.2151, 48.9164 by changing the saturation by 10% instead.


 168.2230, 12.2151,
48.9164


 168.2230, 12.2151,
48.9164


255.0000, 0.0000,
0.0000

 141.2120, 12.2205,
47.1721


 216.2750, 16.6264,
33.9618


 114.5000, 12.0785,
46.0425


 233.2810, 10.7075,
19.0476

 88.3150, 12.6627,
45.3277

 250.3040, 2.3151,
4.1184

 62.1300, 13.2469,
44.6130

 33.5370, 16.0043,
46.8871

 23.1410, 9.7905,
33.2023

 14.2830, 4.2975,

21.6768

■ 0.0000, 0.0000,
0.0000

■ 168.2230, 12.2151,
48.9164

■ 168.2230, 12.2151,
48.9164

■ 154.3970, 15.0873,
61.0418

■ 182.0490, 9.3428,
36.7910

■ 139.9840, 18.2489,
73.6820

■ 196.4620, 6.1812,
24.1508

■ 126.2720, 21.5579,
85.7075

■ 210.1740, 2.8722,
12.1254

■ 111.8590, 24.7195,
98.3477

■ 224.5870, -0.2894,
-0.5148

■ 98.0330, 27.5917,
110.4731

■ 238.4130, -3.1616,
-12.6402

■ 84.2070, 30.4639,
122.5985

■ 244.0210, -1.9824,
-17.5584

■ 83.6200, 30.7533,
123.1133

■ 244.9330, 1.5120,
-18.3582

■ 245.7310, 4.5696,
-19.0581

Harmonies

Analogous

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



167.6560, 28.7636, 14.3337



168.2230, 12.2151, 48.9164



165.9850, -6.8946, 64.9112

Triad

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



168.2230, 12.2151, 48.9164



159.4140, -38.1651, 14.5459



131.8170, 40.5162, -115.6035

Complementary

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



168.2230, 12.2151, 48.9164



190.7770, -12.2151, -48.9164

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.



128.6590, 23.3391, -112.8339



168.2230, 12.2151, 48.9164



154.4790, -26.8581, -18.8371

Square

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



168.2230, 12.2151, 48.9164



162.6440, -36.7995, 43.2852



145.7200, -5.7780, -60.2674



130.5580, 53.4619, -114.4994

Rectangle

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



168.2230, 12.2151, 48.9164



164.4830, -18.9721, 65.3514



145.7200, -5.7780, -60.2674



131.0360, 34.9853, -114.9186

Sweetspot

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



168.2230, 12.2151, 48.9164



235.5490, 4.1663, 17.0585



154.1160, 34.4528, 9.5453



116.6360, 2.1515, 9.9662



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.



168.2230, 12.2151, 48.9164



178.4840, 16.5234, 67.1045



163.3210, -6.5673, 53.2155



105.0870, 1.4361, 6.0627



65.7340, 24.2881, 96.7033



18.0000, 6.9020, 26.3100

Inverse Universe

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



168.2230, 12.2151, 48.9164



178.4840, 16.5234, 67.1045



195.6790, 6.5673, -53.2155



105.0870, 1.4361, 6.0627



65.7340, 24.2881, 96.7033



18.0000, 6.9020, 26.3100

Previews

White Background



This preview shows how the YUV color 168.2230, 12.2151, 48.9164 looks on a white background.

Color Contrast Check

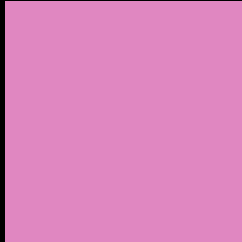
Large Text (above 18pt) WCAG AA × Fail

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 168.2230, 12.2151, 48.9164 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

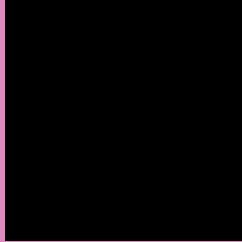
Any Text WCAG AA ✓ Pass

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 168.2230, 12.2151, 48.9164 Background



This preview shows how black text looks on a background with the YUV color 168.2230, 12.2151, 48.9164.



This preview shows how white text looks on a background with the YUV color 168.2230, 12.2151,

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

168.2230, 12.2151, 48.9164

Protanopia

164.4110, 23.4614, -11.7614

Deuteranopia

165.9970, 11.3405, 2.6336



Tritanopia

167.1630, -6.9824, 46.3380

Trichromacy



Original Color

168.2230, 12.2151, 48.9164



Protanomaly

165.8160, 19.3177, 10.6854



Deuteranomaly

166.8080, 11.4337, 19.4624



Tritanomaly

167.4110, 0.2904, 46.9976

Monochromacy



Original Color

168.2230, 12.2151, 48.9164



Achromatopsia

168.0000, 0.0000, 0.0000



Achromatomaly

167.9620, 4.4557, 17.5733

CSS Examples

Text

The CSS property to change the color of the text to YUV 168.2230, 12.2151, 48.9164 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(224, 135, 193)` looks like.

```
.text, #text, p{  
    color:rgb(224, 135, 193)  
}
```

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(224, 135, 193) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(224, 135, 193) }
```

Border

The CSS property to change the border of an element to YUV 168.2230, 12.2151, 48.9164 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(224, 135, 193) }
```


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

```
.border{ border-color:rgb(224, 135, 193) }
```

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

Here you see how a box with a 4 pixel `rgb(224, 135, 193)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(224, 135, 193); -webkit-box-  
shadow:4px 4px 4px 4px rgb(224, 135, 193);  
box-shadow:4px 4px 4px 4px rgb(224, 135,  
193) }
```

Background

The CSS property to change the background color of an element to YUV 168.2230, 12.2151, 48.9164 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(224, 135, 193) }
```

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

```
.background{ background-color: rgb(224,  
135, 193) }
```

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