

Converting Colors

YUV(171.6180, -0.3047,
51.2010)

Have a look what the booklet for
YUV(171.6180, -0.3047, 51.2010)
contains.

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Color

**YUV(171.6180, -0.3047,
51.2010)**

Conversions

Conversions Part 1

Format	Color
Hex	E68EAB
RGB	230, 142, 171
RGB Percent	90%, 56%, 67%
CMY	0.0980, 0.4431, 0.3294
CMYK	0.00, 0.38, 0.26, 0.10
HSL	340°, 64%, 73%
HSV	340°, 38%, 90%
XYZ	49.6568, 39.1093, 43.4597
YIQ	171.6180, 43.1390, 27.6750

Conversions

Conversions Part 2

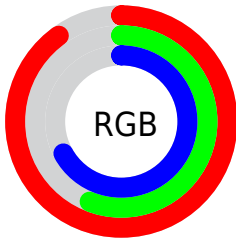
Format	Color
R _Y B	230, 142, 171
Decimal	15109803
CIE Lab	68.83, 37.05, -1.00
CIE LCh	69, 37.067, 358.459
Yxy	39.1093, 0.3755, 0.2958
Android (android.graphics.Color)	4293299883 (0xFFE68EAB)
YUV	171.6180, -0.3047, 51.2010
Hunter-Lab	62.5374, 32.2946, 2.5732

Details

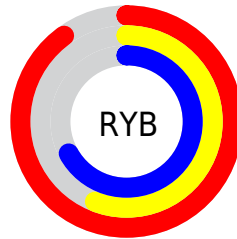
The YUV color **171.6180, -0.3047, 51.2010** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **200.3820, 0.3047, -51.2010**, and the grayscale version is **172.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **217.6480, 4.1175, 32.7577**, and **118.1230, 0.4324, 48.1271** is the 20% darker color. If you saturate the color by 10%, you get **156.4070, -0.2007, 64.5411**, and if you desaturate by 10%, it is **186.8290, -0.4087, 37.8610**.

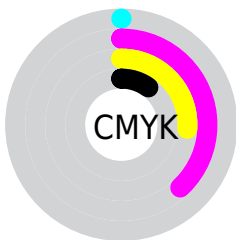
Distribution



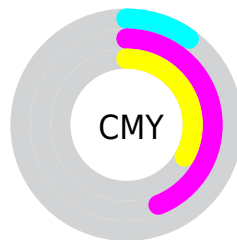
- Red (90%)
- Green (56%)
- Blue (67%)



- Red (90%)
- Yellow (56%)
- Blue (67%)



- Cyan (0%)
- Magenta (38%)
- Yellow (26%)
- Black (10%)





- Cyan (10%)
- Magenta (44%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the YUV color 171.6180, -0.3047, 51.2010 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 171.6180, -0.3047, 51.2010 by changing the saturation by 10% instead.


 171.6180, -0.3047,
51.2010

 171.6180, -0.3047,
51.2010


255.0000, 0.0000,
0.0000

 144.7210, 0.1375,
49.3567

 217.6480, 4.1175,
32.7577


 118.1230, 0.4324,
48.1271


 237.3900, 8.6817,
15.4440

 92.2260, 0.8746,
46.2828

254.4130, 0.2894,
0.5148

 66.8560, 2.0430,
44.8533

 39.7250, 4.0796,
44.9682

 22.6270, 2.6489,
37.1611

 13.2700, -6.0491,

26.9502

■ 0.0000, 0.0000,
0.0000

■ 171.6180, -0.3047,
51.2010

■ 171.6180, -0.3047,
51.2010

■ 156.4070, -0.2007,
64.5411

■ 186.8290, -0.4087,
37.8610

■ 141.0820, -0.5334,
77.9811

■ 202.1540, -0.0759,
24.4209

■ 125.8710, -0.4294,
91.3211

■ 217.3650, -0.1799,
11.0809

■ 110.5460, -0.7622,
104.7612

■ 232.6900, 0.1528,
-2.3591

■ 95.3350, -0.6582,
118.1012

■ 246.7270, 0.6276,
-14.6696

■ 80.0100, -0.9909,
131.5412

■ 247.5250, 3.6852,
-15.3694

■ 77.4340, -0.7070,
133.8004

Harmonies

Analogous

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



172.6230, 15.4689, 31.9026



171.6180, -0.3047, 51.2010



169.6280, -15.5926, 54.7002

Triad

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



171.6180, -0.3047, 51.2010



162.5670, -26.9015, -4.8823



148.5270, 37.2082, -81.1462

Complementary

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



171.6180, -0.3047, 51.2010



200.3820, 0.3047, -51.2010

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.



139.0550, 29.5529, -99.1492



171.6180, -0.3047, 51.2010



156.8650, -12.2584, -34.9616

Square

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



171.6180, -0.3047, 51.2010



165.6630, -32.3719, 23.0975



149.5200, 7.6316, -67.9850



162.4380, 35.7731, -40.7261

Rectangle

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



171.6180, -0.3047, 51.2010



168.8910, -24.5963, 49.2076



149.5200, 7.6316, -67.9850



143.2220, 36.3726, -93.1567

Sweetspot

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



171.6180, -0.3047, 51.2010



236.3980, -0.1962, 16.3140



169.6730, 29.7412, 27.4738



116.6530, -0.3219, 9.9513



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.



171.6180, -0.3047, 51.2010



177.3150, -0.6483, 68.1297



177.1170, -17.3127, 46.3784



107.0440, -0.0217, 6.9774



60.2470, -0.6148, 104.1464



17.1870, -0.0922, 29.6540

Inverse Universe

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



171.6180, -0.3047, 51.2010



177.3150, -0.6483, 68.1297



194.8830, 17.3127, -46.3784



107.0440, -0.0217, 6.9774



60.2470, -0.6148, 104.1464



17.1870, -0.0922, 29.6540

Previews

White Background



This preview shows how the YUV color 171.6180, -0.3047, 51.2010 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 171.6180, -0.3047, 51.2010 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 171.6180, -0.3047, 51.2010

Background



This preview shows how black text looks on a background with the YUV color 171.6180, -0.3047, 51.2010.



This preview shows how white text looks on a background with the YUV color 171.6180, -0.3047,

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

171.6180, -0.3047, 51.2010

Protanopia

168.8670, 8.4466, -2.5144

Deuteranopia

170.0340, -1.4958, 13.1252



Tritanopia

171.0710, -7.4300, 49.9267

Trichromacy



Original Color

171.6180, -0.3047, 51.2010

Protanomaly

169.8910, 5.4767, 16.7586

Deuteranomaly

170.2360, -1.1023, 26.9800

Tritanomaly

171.3530, -5.1040, 50.5564

Monochromacy



Original Color

171.6180, -0.3047, 51.2010

Achromatopsia

172.0000, 0.0000, 0.0000

Achromatomaly

171.8220, 0.0878, 18.5731

CSS Examples

Text

The CSS property to change the color of the text to YUV 171.6180, -0.3047, 51.2010 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(230, 142, 171)` looks like.

```
.text, #text, p{  
    color:rgb(230, 142, 171)  
}
```

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(230, 142, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 142, 171) }
```

Border

The CSS property to change the border of an element to YUV 171.6180, -0.3047, 51.2010 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(230, 142, 171) }
```


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

```
.border{ border-color:rgb(230, 142, 171) }
```

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

Here you see how a box with a 4 pixel rgb(230, 142, 171) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 142, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 142, 171);  
box-shadow:4px 4px 4px 4px rgb(230, 142,  
171) }
```

Background

The CSS property to change the background color of an element to YUV 171.6180, -0.3047, 51.2010 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 142, 171) }
```

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

```
.background{ background-color: rgb(230,  
142, 171) }
```

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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