

Converting Colors

YUV(178.9870, 0.0064, 44.7384)

Have a look what the booklet for
YUV(178.9870, 0.0064, 44.7384)
contains.

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Color

**YUV(178.9870, 0.0064,
44.7384)**

Conversions

Conversions Part 1

Format	Color
Hex	E699B3
RGB	230, 153, 179
RGB Percent	90%, 60%, 70%
CMY	0.0980, 0.4000, 0.2980
CMYK	0.00, 0.33, 0.22, 0.10
HSL	340°, 61%, 75%
HSV	340°, 33%, 90%
XYZ	52.1610, 42.8601, 48.1715
YIQ	178.9870, 37.5460, 24.4100

Conversions

Conversions Part 2

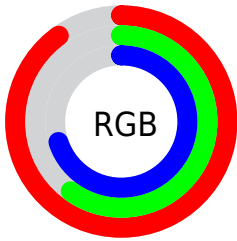
Format	Color
R _Y B	230, 153, 179
Decimal	15112627
CIE Lab	71.46, 32.38, -1.60
CIE LCh	71, 32.418, 357.166
Yxy	42.8601, 0.3643, 0.2993
Android (android.graphics.Color)	4293302707 (0xFFE699B3)
YUV	178.9870, 0.0064, 44.7384
Hunter-Lab	65.4677, 27.6506, 2.2014

Details

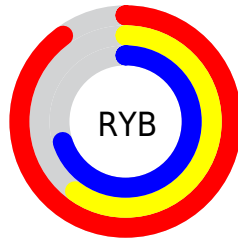
The YUV color **178.9870, 0.0064, 44.7384** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **204.0130, -0.0064, -44.7384**, and the grayscale version is **179.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **225.1310, 4.8654, 26.1951**, and **125.3780, 0.3066, 41.7645** is the 20% darker color. If you saturate the color by 10%, you get **163.7760, 0.1104, 58.0784**, and if you desaturate by 10%, it is **194.1980, -0.0976, 31.3984**.

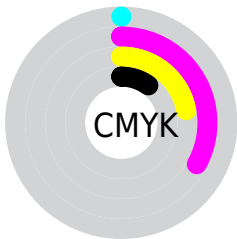
Distribution



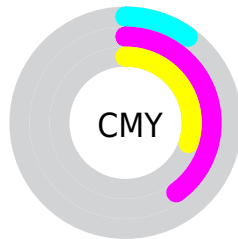
- Red (90%)
- Green (60%)
- Blue (70%)



- Red (90%)
- Yellow (60%)
- Blue (70%)



- Cyan (0%)
- Magenta (33%)
- Yellow (22%)
- Black (10%)



- Cyan (10%)
- Magenta (40%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the YUV color 178.9870, 0.0064, 44.7384 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 178.9870, 0.0064, 44.7384 by changing the saturation by 10% instead.


 178.9870, 0.0064,
44.7384


 178.9870, 0.0064,
44.7384


255.0000, 0.0000,
0.0000

 151.9760, 0.0118,
42.9940


 225.1310, 4.8654,
26.1951

 125.3780, 0.3066,
41.7645

 244.4340, 5.2090,
9.2664

 99.4810, 0.7489,
39.9202

 74.9970, 1.4805,
38.5906

 49.6270, 2.6489,
37.1611

 24.4960, 4.6855,
37.2760

 15.0080, -1.9759,

27.1800

■ 0.0000, 0.0000,
0.0000

■ 178.9870, 0.0064,
44.7384

■ 178.9870, 0.0064,
44.7384

■ 163.7760, 0.1104,
58.0784

■ 194.1980, -0.0976,
31.3984

■ 148.5650, 0.2145,
71.4185

■ 209.4090, -0.2016,
18.0583

■ 133.2400, -0.1183,
84.8585

■ 224.7340, 0.1311,
4.6183

■ 118.0290, -0.0143,
98.1986

■ 239.9450, 0.0271,
-8.7218

■ 102.8180, 0.0897,
111.5386

■ 247.5250, 3.6852,
-15.3694

■ 87.6070, 0.1937,
124.8787

■ 77.6620, 0.1666,
133.6004

Harmonies

Analogous

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



179.7210, 13.4485, 26.5547



178.9870, 0.0064, 44.7384



177.6380, -14.1185, 48.5525

Triad

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



178.9870, 0.0064, 44.7384



170.0880, -23.7074, -2.7082



161.6280, 30.7494, -62.8178

Complementary

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



178.9870, 0.0064, 44.7384



204.0130, -0.0064, -44.7384

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.



157.7550, 21.3198, -71.6991



178.9870, 0.0064, 44.7384



166.3110, -11.9853, -29.2137

Square

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



178.9870, 0.0064, 44.7384



173.3900, -28.2933, 21.5830



161.2120, 4.8255, -54.5599



170.9180, 31.0994, -35.0081

Rectangle

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



178.9870, 0.0064, 44.7384



176.3680, -21.3804, 44.4043



161.2120, 4.8255, -54.5599



159.3130, 28.4397, -68.6805

Sweetspot

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



178.9870, 0.0064, 44.7384



238.3870, -0.1908, 14.5696



176.7280, 26.2631, 23.0405



117.3540, -0.1745, 9.3365



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.



178.9870, 0.0064, 44.7384



187.3740, -0.1844, 59.3080



183.0670, -14.8230, 41.1602



107.0440, -0.0217, 6.9774



60.3610, -0.1780, 104.0464



17.1870, -0.0922, 29.6540

Inverse Universe

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



178.9870, 0.0064, 44.7384



187.3740, -0.1844, 59.3080



199.9330, 14.8230, -41.1602



107.0440, -0.0217, 6.9774



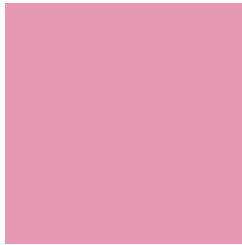
60.3610, -0.1780, 104.0464



17.1870, -0.0922, 29.6540

Previews

White Background



This preview shows how the YUV color 178.9870, 0.0064, 44.7384 looks on a white background.

Color Contrast Check

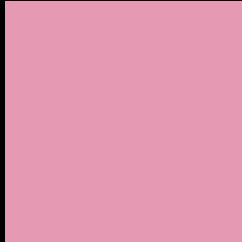
Large Text (above 18pt) WCAG AA × Fail

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 178.9870, 0.0064, 44.7384 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

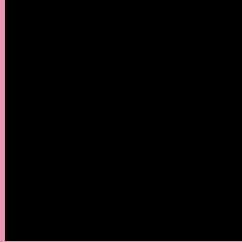
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 178.9870, 0.0064, 44.7384

Background



This preview shows how black text looks on a background with the YUV color 178.9870, 0.0064, 44.7384.



This preview shows how white text looks on a background with the YUV color 178.9870, 0.0064,

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

178.9870, 0.0064, 44.7384

Protanopia

176.0520, 7.8624, -1.7996

Deuteranopia

177.2620, -0.6222, 12.9252



Tritanopia

178.4940, -5.6665, 44.2938

Trichromacy



Original Color

178.9870, 0.0064, 44.7384

Protanomaly

176.7660, 5.0454, 15.1142

Deuteranomaly

178.0400, -0.5127, 24.5209

Tritanomaly

178.3630, -3.6300, 44.4086

Monochromacy



Original Color

178.9870, 0.0064, 44.7384

Achromatopsia

179.0000, 0.0000, 0.0000

Achromatomaly

179.3980, -0.1962, 16.3140

CSS Examples

Text

The CSS property to change the color of the text to YUV 178.9870, 0.0064, 44.7384 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, 153, 179)` looks like.

```
.text, #text, p{  
    color:rgb(230, 153, 179)  
}
```

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, 153, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 153, 179) }
```

Border

The CSS property to change the border of an element to YUV 178.9870, 0.0064, 44.7384 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, 153, 179) }
```


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

```
.border{ border-color:rgb(230, 153, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 153, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 153, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 153, 179);  
box-shadow:4px 4px 4px 4px rgb(230, 153,  
179) }
```

Background

The CSS property to change the background color of an element to YUV 178.9870, 0.0064, 44.7384 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 153, 179) }
```

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

```
.background{ background-color: rgb(230,  
153, 179) }
```

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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