

Converting Colors

YUV(171.8830, 4.4947, 51.8456)

Have a look what the booklet for
YUV(171.8830, 4.4947, 51.8456)
contains.

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Color

**YUV(171.8830, 4.4947,
51.8456)**

Conversions

Conversions Part 1

Format	Color
Hex	E78CB5
RGB	231, 140, 181
RGB Percent	91%, 55%, 71%
CMY	0.0941, 0.4510, 0.2902
CMYK	0.00, 0.39, 0.22, 0.09
HSL	333°, 65%, 73%
HSV	333°, 39%, 91%
XYZ	50.6736, 39.0813, 48.5887
YIQ	171.8830, 41.0750, 32.0430

Conversions

Conversions Part 2

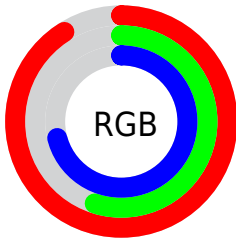
Format	Color
R _Y B	231, 140, 181
Decimal	15174837
CIE Lab	68.81, 39.87, -6.61
CIE LCh	69, 40.415, 350.586
Yxy	39.0813, 0.3663, 0.2825
Android (android.graphics.Color)	4293364917 (0xFFE78CB5)
YUV	171.8830, 4.4947, 51.8456
Hunter-Lab	62.5150, 35.2876, -2.3216

Details

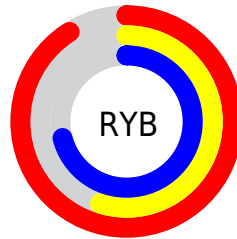
The YUV color **171.8830, 4.4947, 51.8456** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **199.1170, -4.4947, -51.8456**, and the grayscale version is **172.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **217.7280, 9.5011, 32.6875**, and **118.2740, 4.7949, 48.8717** is the 20% darker color. If you saturate the color by 10%, you get **156.9000, 5.4723, 64.9857**, and if you desaturate by 10%, it is **186.8660, 3.5171, 38.7055**.

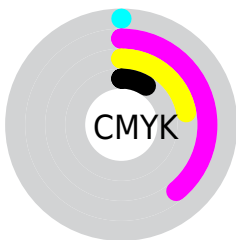
Distribution



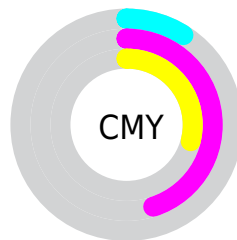
- Red (91%)
- Green (55%)
- Blue (71%)



- Red (91%)
- Yellow (55%)
- Blue (71%)



- Cyan (0%)
- Magenta (39%)
- Yellow (22%)
- Black (9%)



- Cyan (9%)
- Magenta (45%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the YUV color 171.8830, 4.4947, 51.8456 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 171.8830, 4.4947, 51.8456 by changing the saturation by 10% instead.

171.8830, 4.4947,
51.8456

171.8830, 4.4947,
51.8456

255.0000, 0.0000,
0.0000

144.8720, 4.5001,
50.1013

217.7280, 9.5011,
32.6875

118.2740, 4.7949,
48.8717

236.2160, 9.2605,
16.4736

91.7900, 5.5265,
47.5422

253.2390, 0.8682,
1.5444

66.3060, 6.2581,
46.2126

37.4140, 9.1629,
47.8719

23.7240, 5.5591,
37.0761

14.8230, -1.3917,

26.4652

■ 0.0000, 0.0000,
0.0000

■ 171.8830, 4.4947,
51.8456

■ 171.8830, 4.4947,
51.8456

■ 156.9000, 5.4723,
64.9857

■ 186.8660, 3.5171,
38.7055

■ 142.0310, 6.8867,
78.0258

■ 201.7350, 2.1026,
25.6654

■ 127.0480, 7.8643,
91.1659

■ 216.7180, 1.1250,
12.5253

■ 112.0650, 8.8420,
104.3060

■ 231.7010, 0.1474,
-0.6148

■ 97.1960, 10.2564,
117.3461

■ 246.5700, -1.2670,
-13.6549

■ 81.6260, 11.5234,
131.0010

■ 247.8240, 3.5378,
-14.7546

■ 80.9250, 11.3760,
131.6158

Harmonies

Analogous

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



172.6700, 20.8687, 26.5994



171.8830, 4.4947, 51.8456



170.0570, -12.8461, 60.4630

Triad

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



171.8830, 4.4947, 51.8456



162.9440, -32.0174, 2.6801



132.8430, 44.4474, -116.5033

Complementary

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



171.8830, 4.4947, 51.8456



199.1170, -4.4947, -51.8456

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.



131.6570, 29.7491, -115.4632



171.8830, 4.4947, 51.8456



157.5900, -18.5319, -29.4584

Square

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



171.8830, 4.4947, 51.8456



166.3220, -35.1617, 31.2896



148.6790, 3.1163, -66.3705



156.8810, 40.4847, -58.6546

Rectangle

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



171.8830, 4.4947, 51.8456



168.6900, -23.0182, 56.3999



148.6790, 3.1163, -66.3705



132.9910, 39.9374, -116.6331

Sweetspot

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



171.8830, 4.4947, 51.8456



234.8650, 1.5456, 17.6584



165.0250, 32.5257, 21.0261



116.2940, 0.8411, 10.2662



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.



171.8830, 4.4947, 51.8456



177.0360, 5.8983, 68.3744



168.9700, -14.2822, 54.4003



107.1580, 0.4151, 6.8774



62.6410, 8.5580, 102.0468



17.8710, 2.5286, 29.0541

Inverse Universe

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



171.8830, 4.4947, 51.8456



177.0360, 5.8983, 68.3744



202.0300, 14.2822, -54.4003



107.1580, 0.4151, 6.8774



62.6410, 8.5580, 102.0468



17.8710, 2.5286, 29.0541

Previews

White Background



This preview shows how the YUV color 171.8830, 4.4947, 51.8456 looks on a white background.

Color Contrast Check

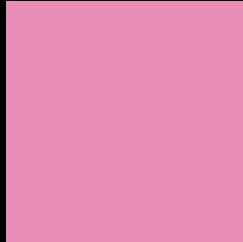
Large Text (above 18pt) WCAG AA × Fail

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 171.8830, 4.4947, 51.8456 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

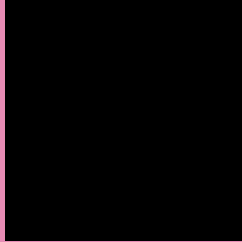
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 171.8830, 4.4947, 51.8456

Background



This preview shows how black text looks on a background with the YUV color 171.8830, 4.4947, 51.8456.



This preview shows how white text looks on a background with the YUV color 171.8830, 4.4947,

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

171.8830, 4.4947, 51.8456

Protanopia

169.0390, 14.2778, -6.1732

Deuteranopia

169.9780, 3.4618, 9.6663



Tritanopia

170.9570, -7.8668, 50.0267

Trichromacy



Original Color

171.8830, 4.4947, 51.8456



Protanomaly

169.9600, 10.8657, 14.9441



Deuteranomaly

170.7780, 3.5604, 24.7507



Tritanomaly

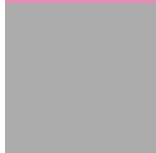
171.1080, -3.5042, 50.7713

Monochromacy



Original Color

171.8830, 4.4947, 51.8456



Achromatopsia

172.0000, 0.0000, 0.0000



Achromatomaly

171.5770, 1.6875, 18.7880

CSS Examples

Text

The CSS property to change the color of the text to YUV 171.8830, 4.4947, 51.8456 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(231, 140, 181)` looks like.

```
.text, #text, p{  
    color:rgb(231, 140, 181)  
}
```

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(231, 140, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 140, 181) }
```

Border

The CSS property to change the border of an element to YUV 171.8830, 4.4947, 51.8456 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(231, 140, 181) }
```


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

```
.border{ border-color:rgb(231, 140, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 140, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 140, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 140, 181);  
box-shadow:4px 4px 4px 4px rgb(231, 140,  
181) }
```

Background

The CSS property to change the background color of an element to YUV 171.8830, 4.4947, 51.8456 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 140, 181) }
```

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

```
.background{ background-color: rgb(231,  
140, 181) }
```

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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