

Converting Colors

YUV(180.1830, -0.5832,
47.1975)

Have a look what the booklet for
YUV(180.1830, -0.5832, 47.1975)
contains.

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Color

**YUV(180.1830, -0.5832,
47.1975)**

Conversions

Conversions Part 1

Format	Color
Hex	EA99B3
RGB	234, 153, 179
RGB Percent	92%, 60%, 70%
CMY	0.0824, 0.4000, 0.2980
CMYK	0.00, 0.35, 0.24, 0.08
HSL	341°, 66%, 76%
HSV	341°, 35%, 92%
XYZ	53.4596, 43.5296, 48.2322
YIQ	180.1830, 39.9300, 25.2580

Conversions

Conversions Part 2

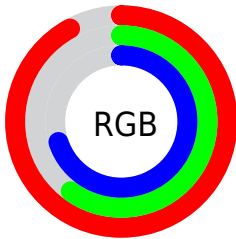
Format	Color
RYB	234, 153, 179
Decimal	15374771
CIELab	71.91, 33.79, -0.89
CIELCh	72, 33.806, 358.498
Yxy	43.5296, 0.3681, 0.2997
Android (android.graphics.Color)	4293564851 (0xFFEA99B3)
YUV	180.1830, -0.5832, 47.1975
Hunter-Lab	65.9769, 29.1748, 2.8401

Details

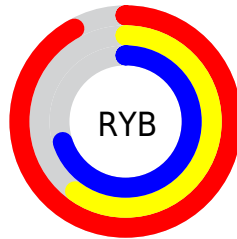
The YUV color $180.1830, -0.5832, 47.1975$ is a light color, and the websafe version is hex $FF99CC$. A complement of this color would be $206.8170, 0.5832, -47.1975$, and the grayscale version is $180.0000, 0.0000, 0.0000$.

A 20% lighter version of the original color is $225.1310, 4.8654, 26.1951$, and $126.5740, -0.2830, 44.2236$ is the 20% darker color. If you saturate the color by 10%, you get $164.8580, -0.9160, 60.6375$, and if you desaturate by 10%, it is $195.5080, -0.2504, 33.7575$.

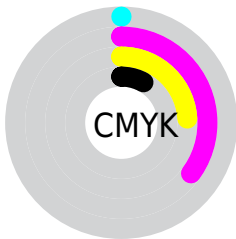
Distribution



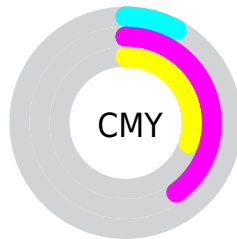
- Red (92%)
- Green (60%)
- Blue (70%)



- Red (92%)
- Yellow (60%)
- Blue (70%)



- Cyan (0%)
- Magenta (35%)
- Yellow (24%)
- Black (8%)





- Cyan (8%)
- Magenta (40%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the YUV color 180.1830, -0.5832, 47.1975 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 180.1830, -0.5832, 47.1975 by changing the saturation by 10% instead.

 180.1830, -0.5832,
47.1975


 180.1830, -0.5832,
47.1975

255.0000, 0.0000,
0.0000

 152.5850, -0.2884,
45.9680

 225.1310, 4.8654,
26.1951


 126.5740, -0.2830,
44.2236

 244.4340, 5.2090,
9.2664

 100.6770, 0.1592,
42.3793

 75.3070, 1.3276,
40.9498

 49.9370, 2.4961,
39.5203

 24.8060, 4.5326,
39.6351

 15.6060, -2.2708,

28.4095

■ 0.0000, 0.0000,
0.0000

■ 180.1830, -0.5832,
47.1975

■ 180.1830, -0.5832,
47.1975

■ 164.8580, -0.9160,
60.6375

■ 195.5080, -0.2504,
33.7575

■ 148.9460, -0.9594,
74.5924

■ 211.4200, -0.2071,
19.8027

■ 133.6210, -1.2922,
88.0324

■ 226.7450, 0.1257,
6.3626

■ 117.7090, -1.3355,
101.9872

■ 242.6570, 0.1691,
-7.5922

■ 102.4980, -1.2315,
115.3273

■ 248.7210, 3.0955,
-12.9103

■ 87.1730, -1.5643,
128.7673

■ 78.5160, -1.7334,
136.3595

Harmonies

Analogous

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



181.1450, 13.7325, 28.8138



180.1830, -0.5832, 47.1975



178.7200, -15.1450, 51.1116

Triad

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



180.1830, -0.5832, 47.1975



171.1480, -24.7230, -3.6378



162.3610, 32.3600, -66.0916

Complementary

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



180.1830, -0.5832, 47.1975



206.8170, 0.5832, -47.1975

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.



156.7050, 23.8094, -76.9173



180.1830, -0.5832, 47.1975



167.0010, -11.8325, -31.5729

Square

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



180.1830, -0.5832, 47.1975



174.6350, -29.8931, 21.3681



161.2330, 6.2941, -58.9633



172.1460, 31.9730, -35.2080

Rectangle

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



180.1830, -0.5832, 47.1975



177.3250, -22.8382, 45.3190



161.2330, 6.2941, -58.9633



159.4480, 30.3451, -73.1839

Sweetspot

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



180.1830, -0.5832, 47.1975



238.3870, -0.1908, 14.5696



178.3800, 27.4207, 25.0997



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.



180.1830, -0.5832, 47.1975



183.8690, -0.9214, 62.3819



184.8500, -15.7020, 43.1046



109.6310, -0.3111, 6.4626



60.7310, -1.3464, 105.4759



18.0840, -0.5344, 31.4983

Inverse Universe

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



180.1830, -0.5832, 47.1975



183.8690, -0.9214, 62.3819



201.5630, 15.9914, -42.5898



109.6310, -0.3111, 6.4626



60.7310, -1.3464, 105.4759



18.0840, -0.5344, 31.4983

Previews

White Background



This preview shows how the YUV color 180.1830, -0.5832, 47.1975 looks on a white background.

Color Contrast Check

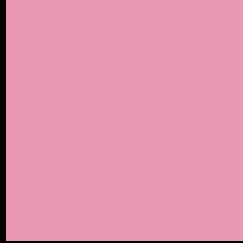
Large Text (above 18pt) WCAG AA × Fail

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 180.1830, -0.5832, 47.1975 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

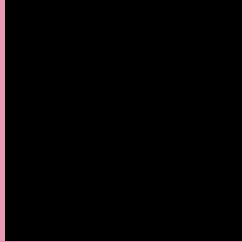
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 180.1830, -0.5832, 47.1975

Background



This preview shows how black text looks on a background with the YUV color 180.1830, -0.5832, 47.1975.



This preview shows how white text looks on a background with the YUV color 180.1830, -0.5832,

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

180.1830, -0.5832, 47.1975

Protanopia

176.9380, 7.4256, -1.6996

Deuteranopia

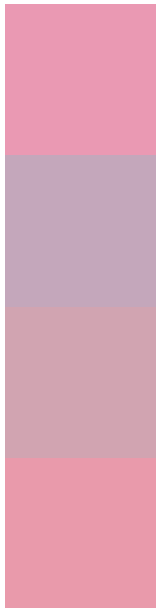
178.4470, -1.2064, 13.6400



Tritanopia

179.6900, -6.2562, 46.7529

Trichromacy



Original Color

180.1830, -0.5832, 47.1975

Protanomaly

177.9510, 4.4612, 15.8290

Deuteranomaly

178.9370, -0.9549, 26.3653

Tritanomaly

179.5590, -4.2196, 46.8678

Monochromacy



Original Color

180.1830, -0.5832, 47.1975

Achromatopsia

180.0000, 0.0000, 0.0000

Achromatomaly

180.1100, -0.0542, 17.4435

CSS Examples

Text

The CSS property to change the color of the text to YUV 180.1830, -0.5832, 47.1975 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, 153, 179)` looks like.

```
.text, #text, p{  
    color:rgb(234, 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(234, 153, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(234, 153, 179) }
```

Border

The CSS property to change the border of an element to YUV 180.1830, -0.5832, 47.1975 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, 153, 179) }
```


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

```
.border{ border-color:rgb(234, 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(234, 153, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(234, 153, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(234, 153, 179);  
box-shadow:4px 4px 4px 4px rgb(234, 153,  
179) }
```

Background

The CSS property to change the background color of an element to YUV 180.1830, -0.5832, 47.1975 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(234, 153, 179) }
```

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

```
.background{ background-color: rgb(234,  
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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