

Converting Colors

YUV(186.4820, -4.1816,
34.6573)

Have a look what the booklet for
YUV(186.4820, -4.1816, 34.6573)
contains.

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Color

**YUV(186.4820, -4.1816,
34.6573)**

Conversions

Conversions Part 1

Format	Color
Hex	E2A8B2
RGB	226, 168, 178
RGB Percent	89%, 66%, 70%
CMY	0.1137, 0.3412, 0.3020
CMYK	0.00, 0.26, 0.21, 0.11
HSL	350°, 50%, 77%
HSV	350°, 26%, 89%
XYZ	53.4025, 47.3884, 48.4517
YIQ	186.4820, 31.3580, 15.4060

Conversions

Conversions Part 2

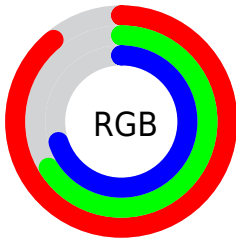
Format	Color
R _Y B	226, 168, 178
Decimal	14854322
CIE Lab	74.44, 22.77, 3.24
CIE LCh	74, 22.995, 8.090
Yxy	47.3884, 0.3578, 0.3175
Android (android.graphics.Color)	4293044402 (0xFFE2A8B2)
YUV	186.4820, -4.1816, 34.6573
Hunter-Lab	68.8392, 18.0041, 6.4568

Details

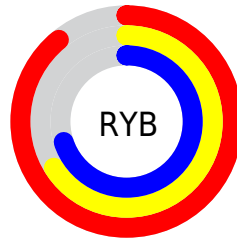
The YUV color **186.4820, -4.1816, 34.6573** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **207.5180, 4.1816, -34.6573**, and the grayscale version is **187.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **233.8220, 0.0878, 18.5731**, and **133.1720, -4.0288, 32.2982** is the 20% darker color. If you saturate the color by 10%, you get **170.8150, -5.8248, 48.3972**, and if you desaturate by 10%, it is **202.1490, -2.5385, 20.9173**.

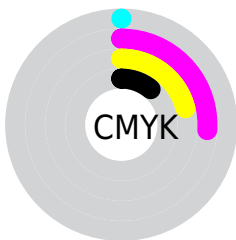
Distribution



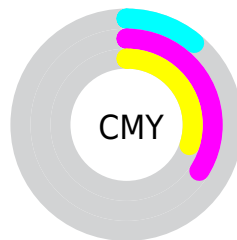
- Red (89%)
- Green (66%)
- Blue (70%)



- Red (89%)
- Yellow (66%)
- Blue (70%)



- Cyan (0%)
- Magenta (26%)
- Yellow (21%)
- Black (11%)




- Cyan (11%)
- Magenta (34%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the YUV color 186.4820, -4.1816, 34.6573 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 186.4820, -4.1816, 34.6573 by changing the saturation by 10% instead.


 186.4820, -4.1816,
34.6573


 186.4820, -4.1816,
34.6573


255.0000, 0.0000,
0.0000


 159.1830, -4.0342,
34.0425


 233.8220, 0.0878,
18.5731


 133.1720, -4.0288,
32.2982

 253.2390, 0.8682,
1.5444

 107.6880, -3.2972,
30.9686

 82.7910, -2.8550,
29.1243

 59.1930, -2.5601,
27.8947

 35.8230, -1.3917,
26.4652

 13.8830, -2.4073,

25.5356

■ 0.0000, 0.0000,
0.0000

■ 186.4820, -4.1816,
34.6573

■ 186.4820, -4.1816,
34.6573

■ 170.8150, -5.8248,
48.3972

■ 202.1490, -2.5385,
20.9173

■ 155.8490, -7.3206,
61.5224

■ 217.1150, -1.0427,
7.7921

■ 140.1820, -8.9637,
75.2624

■ 232.7820, 0.6005,
-5.9478

■ 125.1020,
-10.8963, 88.4875

■ 246.1010, 3.4012,
-17.6286

■ 109.4350,
-12.5395, 102.2275

■ 246.3290, 4.2748,
-17.8285

■ 93.8820, -13.7458,
115.8675

■ 78.8020, -15.6784,
129.0926

■ 72.0200, -16.2789,
135.0405

Harmonies

Analogous

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



186.7610, 6.0338, 24.7656



186.4820, -4.1816, 34.6573



185.6640, -13.6384, 34.4977

Triad

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



186.4820, -4.1816, 34.6573



179.3460, -14.9606, -8.1964



178.3990, 21.4953, -34.5529

Complementary

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



186.4820, -4.1816, 34.6573



207.5180, 4.1816, -34.6573

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.



174.6660, 16.4337, -44.4341



186.4820, -4.1816, 34.6573



176.5700, -4.7180, -26.8099

Square

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



186.4820, -4.1816, 34.6573



181.7890, -20.1090, 9.8320



174.1690, 6.8187, -40.4902



182.7050, 20.8514, -14.6503

Rectangle

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



186.4820, -4.1816, 34.6573



184.1920, -17.8427, 29.6496



174.1690, 6.8187, -40.4902



176.4370, 20.4906, -38.9712

Sweetspot

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



186.4820, -4.1816, 34.6573



241.3220, -1.6377, 11.9956



188.6650, 18.4062, 23.0958



119.1150, -1.0427, 7.7921



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.



186.4820, -4.1816, 34.6573



201.2170, -5.5300, 47.1677



195.9080, -13.7586, 26.3907



104.5170, -0.7479, 6.5626



56.0440, -12.8397, 105.2014



15.2640, -3.5812, 28.7095

Inverse Universe

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



186.4820, -4.1816, 34.6573



201.2170, -5.5300, 47.1677



198.0920, 13.7586, -26.3907



104.5170, -0.7479, 6.5626



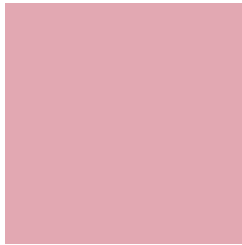
56.0440, -12.8397, 105.2014



15.2640, -3.5812, 28.7095

Previews

White Background



This preview shows how the YUV color 186.4820, -4.1816, 34.6573 looks on a white background.

Color Contrast Check

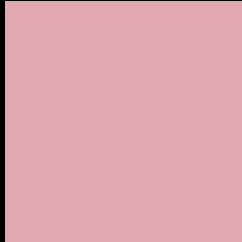
Large Text (above 18pt) WCAG AA × Fail

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 186.4820, -4.1816, 34.6573 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

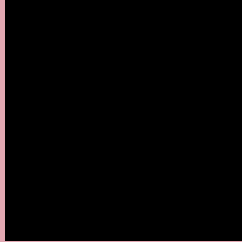
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 186.4820, -4.1816, 34.6573

Background



This preview shows how black text looks on a background with the YUV color 186.4820, -4.1816, 34.6573.



This preview shows how white text looks on a background with the YUV color 186.4820, -4.1816,

34.6573.

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

186.4820, -4.1816, 34.6573

Protanopia

183.6520, 1.1576, 2.0592

Deuteranopia

184.9590, -4.4168, 16.6990



Tritanopia

186.7100, -3.3080, 34.4573

Trichromacy



Original Color

186.4820, -4.1816, 34.6573

Protanomaly

184.8600, -0.9170, 14.1548

Deuteranomaly

185.7040, -4.2911, 23.0616

Tritanomaly

186.5960, -3.7448, 34.5573

Monochromacy



Original Color

186.4820, -4.1816, 34.6573

Achromatopsia

186.0000, 0.0000, 0.0000

Achromatomaly

186.0340, -1.4958, 13.1252

CSS Examples

Text

The CSS property to change the color of the text to YUV 186.4820, -4.1816, 34.6573 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(226, 168, 178)` looks like.

```
.text, #text, p{  
    color:rgb(226, 168, 178)  
}
```

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(226, 168, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 168, 178) }
```

Border

The CSS property to change the border of an element to YUV 186.4820, -4.1816, 34.6573 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(226, 168, 178) }
```


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

```
.border{ border-color:rgb(226, 168, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 168, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(226, 168, 178); -webkit-box-shadow:4px 4px 4px 4px rgb(226, 168, 178); box-shadow:4px 4px 4px 4px rgb(226, 168, 178) }
```

Background

The CSS property to change the background color of an element to YUV 186.4820, -4.1816, 34.6573 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 168, 178) }
```

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

```
.background{ background-color: rgb(226,  
168, 178) }
```

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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