

Converting Colors

YUV(186.0760, 4.8925, 17.4733)

Have a look what the booklet for
YUV(186.0760, 4.8925, 17.4733)
contains.

YUV(186.0760, 4.8925, 17.4733)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(186.0760, 4.8925,
17.4733)**

Conversions

Conversions Part 1

Format	Color
Hex	CEAEC4
RGB	206, 174, 196
RGB Percent	81%, 68%, 77%
CMY	0.1922, 0.3176, 0.2314
CMYK	0.00, 0.16, 0.05, 0.19
HSL	319°, 25%, 75%
HSV	319°, 16%, 81%
XYZ	50.5535, 47.3794, 58.7052
YIQ	186.0760, 12.0100, 13.6260

Conversions

Conversions Part 2

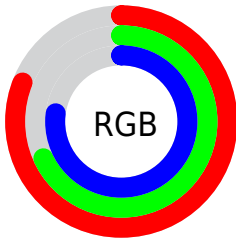
Format	Color
R _Y B	206, 174, 196
Decimal	13545156
CIE Lab	74.43, 15.32, -6.86
CIE LCh	74, 16.786, 335.865
Yxy	47.3794, 0.3227, 0.3025
Android (android.graphics.Color)	4291735236 (0xFFCEAEC4)
YUV	186.0760, 4.8925, 17.4733
Hunter-Lab	68.8327, 10.6401, -2.3837

Details

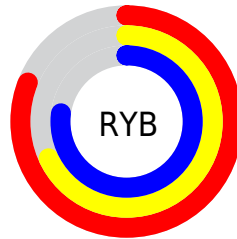
The YUV color **186.0760, 4.8925, 17.4733** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **193.9240, -4.8925, -17.4733**, and the grayscale version is **186.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **240.0970, 6.3612, 13.0699**, and **132.6630, 4.6031, 16.9585** is the 20% darker color. If you saturate the color by 10%, you get **173.0650, 8.3490, 28.8840**, and if you desaturate by 10%, it is **199.0870, 1.4361, 6.0627**.

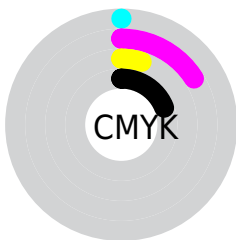
Distribution



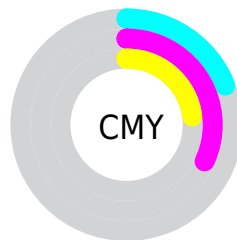
- Red (81%)
- Green (68%)
- Blue (77%)



- Red (81%)
- Yellow (68%)
- Blue (77%)



- Cyan (0%)
- Magenta (16%)
- Yellow (5%)
- Black (19%)



- Cyan (19%)
- Magenta (32%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the YUV color 186.0760, 4.8925, 17.4733 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 186.0760, 4.8925, 17.4733 by changing the saturation by 10% instead.

 186.0760, 4.8925,
17.4733


 186.0760, 4.8925,
17.4733

255.0000, 0.0000,
0.0000

 158.7770, 5.0399,
16.8586

 240.0970, 6.3612,
13.0699

 132.6630, 4.6031,
16.9585

 107.6520, 4.6086,
15.2142

 83.2390, 4.3192,
14.6994

 59.9400, 4.4666,
14.0846

 37.5270, 4.1772,
13.5698

 15.4670, 5.1928,

14.4994

■ 0.0000, 0.0000,
0.0000

■ 186.0760, 4.8925,
17.4733

■ 186.0760, 4.8925,
17.4733

■ 173.0650, 8.3490,
28.8840

■ 199.0870, 1.4361,
6.0627

■ 160.5270, 11.0792,
39.8798

■ 211.6250, -1.2941,
-4.9331

■ 147.5160, 14.5356,
51.2905

■ 224.6360, -4.7505,
-16.3438

■ 134.9780, 17.2658,
62.2863

■ 236.5870, -7.1914,
-26.8248

■ 121.9670, 20.7223,
73.6969

■ 237.2710, -4.5706,
-27.4247

■ 108.8420, 23.7419,
85.2076

■ 238.0690, -1.5130,
-28.1245

■ 96.4180, 26.9089,
96.1034

■ 238.7530, 1.1078,
-28.7244

■ 83.4070, 30.3653,
107.5141

■ 239.5510, 4.1654,
-29.4242

■ 77.7820, 31.6595,
112.4472

■ 240.2350, 6.7861,
-30.0241

Harmonies

Analogous

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



185.0080, 11.3351, 4.3780



186.0760, 4.8925, 17.4733



185.8830, -2.4073, 25.5356

Triad

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



186.0760, 4.8925, 17.4733



182.2710, -14.4306, 8.5323



177.7880, 11.4435, -30.5091

Complementary

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



186.0760, 4.8925, 17.4733



193.9240, -4.8925, -17.4733

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.



177.5620, 4.1599, -27.6799



186.0760, 4.8925, 17.4733



180.6930, -11.1876, -4.9928

Square

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



186.0760, 4.8925, 17.4733



184.0490, -14.3212, 20.1280



178.7390, -4.3083, -18.1881



179.8580, 15.3530, -24.4315

Rectangle

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



186.0760, 4.8925, 17.4733



185.5150, -7.6489, 26.7353



178.7390, -4.3083, -18.1881



177.8050, 8.9701, -30.5240

Sweetspot

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



186.0760, 4.8925, 17.4733



246.9130, 2.0149, 7.0923



180.6380, 12.5035, 2.9485



122.9620, 1.0047, 4.4183



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.



186.0760, 4.8925, 17.4733



225.1140, 7.3388, 26.2100



184.2520, -2.0962, 19.0730



95.7880, 1.5835, 5.4479



62.6300, 25.3254, 90.6555



14.3260, 5.7553, 20.7621

Inverse Universe

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



186.0760, 4.8925, 17.4733



225.1140, 7.3388, 26.2100



195.7480, 2.0962, -19.0730



95.7880, 1.5835, 5.4479



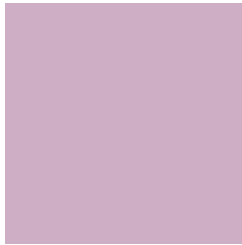
62.6300, 25.3254, 90.6555



14.3260, 5.7553, 20.7621

Previews

White Background



This preview shows how the YUV color 186.0760, 4.8925, 17.4733 looks on a white background.

Color Contrast Check

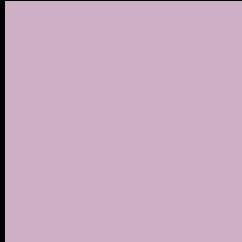
Large Text (above 18pt) WCAG AA × Fail

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 186.0760, 4.8925, 17.4733 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

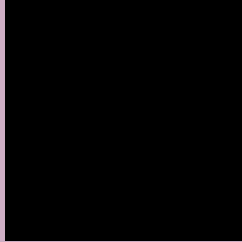
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 186.0760, 4.8925, 17.4733

Background



This preview shows how black text looks on a background with the YUV color 186.0760, 4.8925, 17.4733.



This preview shows how white text looks on a background with the YUV color 186.0760, 4.8925,

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

186.0760, 4.8925, 17.4733

Protanopia

183.8670, 8.4466, -2.5144

Deuteranopia

185.3200, 4.7722, 9.3664



Tritanopia

185.5660, 1.6930, 17.0436

Trichromacy



Original Color

186.0760, 4.8925, 17.4733

Protanomaly

184.5690, 7.1145, 4.7630

Deuteranomaly

185.9290, 4.4720, 12.3403

Tritanomaly

185.9080, 3.0034, 16.7437

Monochromacy



Original Color

186.0760, 4.8925, 17.4733

Achromatopsia

186.0000, 0.0000, 0.0000

Achromatomaly

186.2010, 1.8729, 5.9627

CSS Examples

Text

The CSS property to change the color of the text to YUV 186.0760, 4.8925, 17.4733 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(206, 174, 196)` looks like.

```
.text, #text, p{  
    color:rgb(206, 174, 196)  
}
```

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(206, 174, 196) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 174, 196) }
```

Border

The CSS property to change the border of an element to YUV 186.0760, 4.8925, 17.4733 is called "border". The border property can be set on classes, ids or directly on the HTML element.

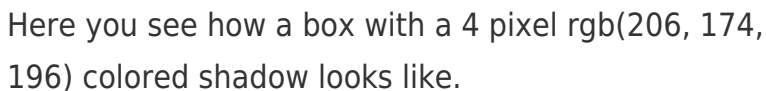
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(206, 174, 196) }
```


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

```
.border{ border-color:rgb(206, 174, 196) }
```

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



Here you see how a box with a 4 pixel `rgb(206, 174, 196)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(206, 174, 196); -webkit-box-shadow:4px 4px 4px 4px rgb(206, 174, 196); box-shadow:4px 4px 4px 4px rgb(206, 174, 196) }
```

Background

The CSS property to change the background color of an element to YUV 186.0760, 4.8925, 17.4733 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 174, 196) }
```

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

```
.background{ background-color: rgb(206,  
174, 196) }
```

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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