

Converting Colors

YUV(146.0870, 4.8871, 19.2177)

Have a look what the booklet for
YUV(146.0870, 4.8871, 19.2177)
contains.

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Color

**YUV(146.0870, 4.8871,
19.2177)**

Conversions

Conversions Part 1

Format	Color
Hex	A8859C
RGB	168, 133, 156
RGB Percent	66%, 52%, 61%
CMY	0.3412, 0.4784, 0.3882
CMYK	0.00, 0.21, 0.07, 0.34
HSL	321°, 17%, 59%
HSV	321°, 21%, 66%
XYZ	30.5367, 27.5002, 35.1511
YIQ	146.0870, 13.4770, 14.5730

Conversions

Conversions Part 2

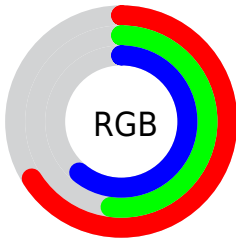
Format	Color
RYB	168, 133, 156
Decimal	11044252
CIELab	59.43, 17.30, -7.14
CIElCh	59, 18.718, 337.572
Yxy	27.5002, 0.3277, 0.2951
Android (android.graphics.Color)	4289234332 (0xFFA8859C)
YUV	146.0870, 4.8871, 19.2177
Hunter-Lab	52.4406, 12.1713, -3.0338

Details

The YUV color **146.0870, 4.8871, 19.2177** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **154.9130, -4.8871, -19.2177**, and the grayscale version is **146.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **199.7990, 5.0291, 20.3473**, and **95.3750, 4.7451, 18.0881** is the 20% darker color. If you saturate the color by 10%, you get **135.4240, 7.1860, 28.5692**, and if you desaturate by 10%, it is **156.7500, 2.5883, 9.8663**.

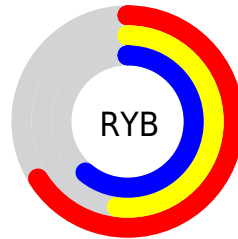
Distribution



Red (66%)

Green (52%)

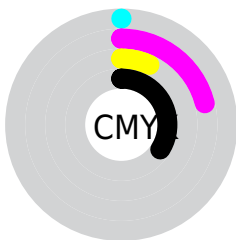
Blue (61%)



Red (66%)

Yellow (52%)

Blue (61%)

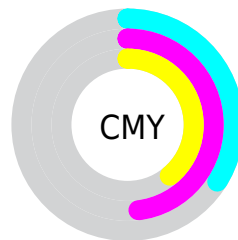


Cyan (0%)

Magenta (21%)

Yellow (7%)

Black (34%)



Cyan (34%)

Magenta (48%)

Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the YUV color 146.0870, 4.8871, 19.2177 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 146.0870, 4.8871, 19.2177 by changing the saturation by 10% instead.

■ 146.0870, 4.8871,
19.2177

■ 146.0870, 4.8871,
19.2177

■ 255.0000, 0.0000,
0.0000

■ 120.3750, 4.7451,
18.0881

■ 199.7990, 5.0291,
20.3473

■ 95.3750, 4.7451,
18.0881

■ 228.2120, 5.3185,
20.8621

■ 71.6630, 4.6031,
16.9585

■ 247.9560, 3.4727,
6.1776

■ 48.9510, 4.4612,
15.8290

■ 27.2390, 4.3192,
14.6994

■ 9.1850, 2.8668,
13.8698

■ 0.0000, 0.0000,

0.0000

■ 146.0870, 4.8871,
19.2177

■ 146.0870, 4.8871,
19.2177

■ 135.4240, 7.1860,
28.5692

■ 156.7500, 2.5883,
9.8663

■ 124.7610, 9.4848,
37.9206

■ 167.4130, 0.2894,
0.5148

■ 114.7990, 11.9311,
46.6573

■ 177.3750, -2.1569,
-8.2219

■ 104.1360, 14.2300,
56.0087

■ 188.0380, -4.4557,
-17.5733

■ 93.4730, 16.5288,
65.3602

■ 198.7010, -6.7546,
-26.9248

■ 82.8100, 18.8277,
74.7116

■ 209.3640, -9.0535,
-36.2762

■ 72.2610, 21.5633,
83.9631

■ 219.9130,
-11.7891, -45.5277

■ 62.7720, 23.2834,
92.2850

■ 222.9450,
-10.3259, -48.1868

■ 223.6290, -7.7051,
-48.7866

Harmonies

Analogous

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



145.4210, 11.6244, 4.8928



146.0870, 4.8871, 19.2177



145.3670, -3.1389, 26.8651

Triad

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



146.0870, 4.8871, 19.2177



141.7440, -15.1568, 8.1175



136.5210, 13.0541, -33.7829

Complementary

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



146.0870, 4.8871, 19.2177



154.9130, -4.8871, -19.2177

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.



136.7680, 5.0444, -31.3685



146.0870, 4.8871, 19.2177



139.9810, -11.3296, -6.1223

Square

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



146.0870, 4.8871, 19.2177



143.8210, -15.1948, 20.3280



137.8420, -3.8661, -20.0324



139.1890, 16.6688, -26.4758

Rectangle

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



146.0870, 4.8871, 19.2177



145.1130, -7.9437, 27.9649



137.8420, -3.8661, -20.0324



136.2390, 10.7282, -34.4126

Sweetspot

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



146.0870, 4.8871, 19.2177



210.9130, 2.0149, 7.0923



140.5780, 13.5190, 3.8781



104.9620, 1.0047, 4.4183



237.0000, 0.0000, 0.0000



110.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



146.0870, 4.8871, 19.2177



184.6630, 8.0541, 30.1135



144.1490, -2.5385, 20.9173



78.9620, 1.0047, 4.4183



55.3100, 20.5532, 81.2891



7.4620, 2.7302, 10.9958

Inverse Universe

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



146.0870, 4.8871, 19.2177



184.6630, 8.0541, 30.1135



156.8510, 2.5385, -20.9173



78.9620, 1.0047, 4.4183



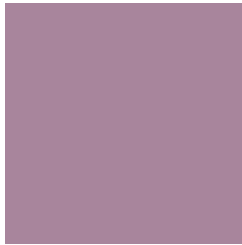
55.3100, 20.5532, 81.2891



7.4620, 2.7302, 10.9958

Previews

White Background



This preview shows how the YUV color 146.0870, 4.8871, 19.2177 looks on a white background.

Color Contrast Check

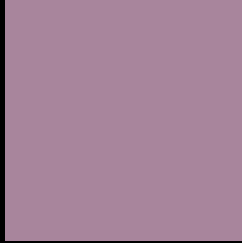
Large Text (above 18pt) WCAG AA ✓ Pass

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 146.0870, 4.8871, 19.2177 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 × Fail

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

YUV 146.0870, 4.8871, 19.2177

Background



This preview shows how black text looks on a background with the YUV color 146.0870, 4.8871, 19.2177.



This preview shows how white text looks on a background with the YUV color 146.0870, 4.8871,

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

146.0870, 4.8871, 19.2177

Protanopia

143.6820, 9.0308, -3.2291

Deuteranopia

144.7110, 5.0725, 6.3925



Tritanopia

145.7080, -0.3490, 18.6731

Trichromacy



Original Color

146.0870, 4.8871, 19.2177

Protanomaly

144.6830, 7.5513, 4.6630

Deuteranomaly

145.3310, 4.7668, 11.1107

Tritanomaly

145.5770, 1.6875, 18.7880

Monochromacy



Original Color

146.0870, 4.8871, 19.2177

Achromatopsia

146.0000, 0.0000, 0.0000

Achromatomaly

145.9130, 2.0149, 7.0923

CSS Examples

Text

The CSS property to change the color of the text to YUV 146.0870, 4.8871, 19.2177 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(168, 133, 156)` looks like.

```
.text, #text, p{  
    color:rgb(168, 133, 156)  
}
```

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(168, 133, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 133, 156) }
```

Border

The CSS property to change the border of an element to YUV 146.0870, 4.8871, 19.2177 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(168, 133, 156) }
```


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

```
.border{ border-color:rgb(168, 133, 156) }
```

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

Here you see how a box with a 4 pixel rgb(168, 133, 156) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 133, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 133, 156);  
box-shadow:4px 4px 4px 4px rgb(168, 133,  
156) }
```

Background

The CSS property to change the background color of an element to YUV 146.0870, 4.8871, 19.2177 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 133, 156) }
```

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

```
.background{ background-color: rgb(168,  
133, 156) }
```

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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