

Converting Colors

YUV(159.2360, 19.1107,
30.4880)

Have a look what the booklet for
YUV(159.2360, 19.1107, 30.4880)
contains.

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Color

**YUV(159.2360, 19.1107,
30.4880)**

Conversions

Conversions Part 1

Format	Color
Hex	C286C6
RGB	194, 134, 198
RGB Percent	76%, 53%, 78%
CMY	0.2392, 0.4745, 0.2235
CMYK	0.02, 0.32, 0.00, 0.22
HSL	296°, 36%, 65%
HSV	296°, 32%, 78%
XYZ	40.9663, 32.5967, 57.5587
YIQ	159.2360, 15.2160, 32.6240

Conversions

Conversions Part 2

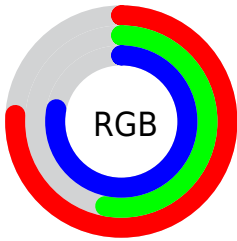
Format	Color
RYB	194, 134, 198
Decimal	12748486
CIELab	63.83, 33.58, -24.07
CIELCh	64, 41.316, 324.366
Yxy	32.5967, 0.3124, 0.2486
Android (android.graphics.Color)	4290938566 (0xFFC286C6)
YUV	159.2360, 19.1107, 30.4880
Hunter-Lab	57.0936, 28.1652, -19.8076

Details

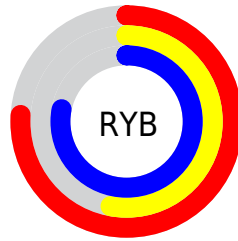
The YUV color **159.2360, 19.1107, 30.4880** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **172.7640, -19.1107, -30.4880**, and the grayscale version is **159.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **214.4750, 19.9788, 32.0324**, and **106.6980, 18.3899, 28.3289** is the 20% darker color. If you saturate the color by 10%, you get **147.1970, 25.0459, 40.1692**, and if you desaturate by 10%, it is **171.2750, 13.1754, 20.8068**.

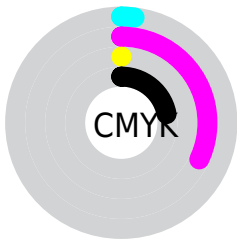
Distribution



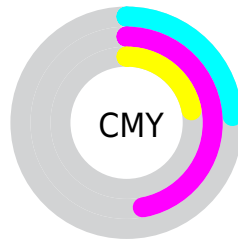
- Red (76%)
- Green (53%)
- Blue (78%)



- Red (76%)
- Yellow (53%)
- Blue (78%)



- Cyan (2%)
- Magenta (32%)
- Yellow (0%)
- Black (22%)



- Cyan (24%)
- Magenta (47%)
- Yellow (22%)

Brightness & Saturation Gradients

These gradients show how the YUV color 159.2360, 19.1107, 30.4880 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 159.2360, 19.1107, 30.4880 by changing the saturation by 10% instead.

159.2360, 19.1107,
30.4880

159.2360, 19.1107,
30.4880

255.0000, 0.0000,
0.0000

132.5240, 18.9687,
29.3585

214.4750, 19.9788,
32.0324

106.6980, 18.3899,
28.3289

232.1070, 11.2862,
20.0772

81.8720, 17.8111,
27.2993

249.1300, 2.8939,
5.1480

57.4590, 17.5217,
26.7845

32.5730, 17.9585,
26.6845

17.3180, 14.6332,
19.8921

3.8610, 10.9145,

-0.7551

■ 0.0000, 0.0000,
0.0000

■ 159.2360, 19.1107,
30.4880

■ 159.2360, 19.1107,
30.4880

■ 147.1970, 25.0459,
40.1692

■ 171.2750, 13.1754,
20.8068

■ 135.1580, 30.9811,
49.8504

■ 183.3140, 7.2402,
11.1256

■ 123.4070, 36.7743,
58.4021

■ 195.0650, 1.4470,
2.5740

■ 111.3680, 42.7096,
68.0833

■ 207.1040, -4.4883,
-7.1072

■ 99.3290, 48.6448,
77.7645

■ 219.1430,
-10.4235, -16.7884

■ 87.2900, 54.5800,
87.4457

■ 231.1820,
-16.3587, -26.4696

■ 78.1860, 59.0683,
94.5529

■ 232.9540,
-17.2323, -26.2697

■ 233.2530,
-17.3797, -25.6549

■ 233.5520,
-17.5271, -25.0401

Harmonies

Analogous

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



156.4360, 32.3231, -7.3984



159.2360, 19.1107, 30.4880



157.7370, 2.5947, 54.6047

Triad

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



159.2360, 19.1107, 30.4880



152.1860, -35.5877, 27.9009



122.5270, 30.3062, -107.4562

Complementary

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



159.2360, 19.1107, 30.4880



172.7640, -19.1107, -30.4880

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.



130.4540, 7.6642, -78.4512



159.2360, 19.1107, 30.4880



148.8510, -30.9855, -1.6233

Square

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



159.2360, 19.1107, 30.4880



154.4520, -28.8168, 49.5926



142.8390, -16.1896, -34.0618



123.5990, 44.5677, -108.3963

Rectangle

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



159.2360, 19.1107, 30.4880



156.3820, -9.0623, 60.1780



142.8390, -16.1896, -34.0618



121.7460, 24.7752, -106.7712

Sweetspot

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



159.2360, 19.1107, 30.4880



239.7270, 7.5296, 11.6404



143.6440, 26.7975, -8.4578



118.3090, 4.7777, 7.6220



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.



159.2360, 19.1107, 30.4880



195.0930, 29.5342, 47.2764



157.2400, 6.2907, 35.7465



93.7170, 2.6045, 4.6332



64.3290, 48.6448, 77.7645



13.9710, 10.8603, 16.6884

Inverse Universe

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



153.5920, -7.6869, 38.9458



186.2850, -11.9725, 60.2631



174.7600, -6.2907, -35.7465



92.6910, -1.3267, 5.5330



49.8770, -19.6594, 99.2089



10.9920, -4.4331, 21.9320

Previews

White Background



This preview shows how the YUV color 159.2360, 19.1107, 30.4880 looks on a white background.

Color Contrast Check

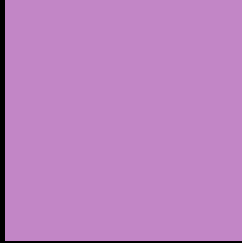
Large Text (above 18pt) WCAG AA × Fail

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 159.2360, 19.1107, 30.4880 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

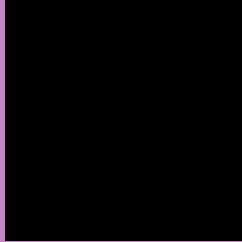
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 159.2360, 19.1107, 30.4880

Background



This preview shows how black text looks on a background with the YUV color 159.2360, 19.1107, 30.4880.



This preview shows how white text looks on a background with the YUV color 159.2360, 19.1107,

30.4880.

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

159.2360, 19.1107, 30.4880

Protanopia

155.2410, 27.9822, -15.1204

Deuteranopia

156.3040, 19.0771, -5.5286



Tritanopia

157.7090, -1.8285, 26.5652

Trichromacy



Original Color

159.2360, 19.1107, 30.4880

Protanomaly

156.5420, 24.8758, 1.2787

Deuteranomaly

157.0930, 19.1812, 7.8114

Tritanomaly

158.3700, 5.7336, 27.7395

Monochromacy



Original Color

159.2360, 19.1107, 30.4880

Achromatopsia

159.0000, 0.0000, 0.0000

Achromatomaly

159.2000, 6.8034, 11.2256

CSS Examples

Text

The CSS property to change the color of the text to YUV 159.2360, 19.1107, 30.4880 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(194, 134, 198)` looks like.

```
.text, #text, p{  
    color:rgb(194, 134, 198)  
}
```

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(194, 134, 198) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 134, 198) }
```

Border

The CSS property to change the border of an element to YUV 159.2360, 19.1107, 30.4880 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(194, 134, 198) }
```


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

```
.border{ border-color:rgb(194, 134, 198) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 134, 198)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 134, 198); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 134, 198);  
box-shadow:4px 4px 4px 4px rgb(194, 134,  
198) }
```

Background

The CSS property to change the background color of an element to YUV 159.2360, 19.1107, 30.4880 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 134, 198) }
```

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

```
.background{ background-color: rgb(194,  
134, 198) }
```

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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