

Converting Colors

YUV(185.4970, 19.9680,
35.5211)

Have a look what the booklet for
YUV(185.4970, 19.9680, 35.5211)
contains.

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Color

**YUV(185.4970, 19.9680,
35.5211)**

Conversions

Conversions Part 1

Format	Color
Hex	E29DE2
RGB	226, 157, 226
RGB Percent	89%, 62%, 89%
CMY	0.1137, 0.3843, 0.1137
CMYK	0.00, 0.31, 0.00, 0.11
HSL	300°, 54%, 75%
HSV	300°, 31%, 89%
XYZ	57.1485, 45.7737, 77.7747
YIQ	185.4970, 18.9750, 36.0870

Conversions

Conversions Part 2

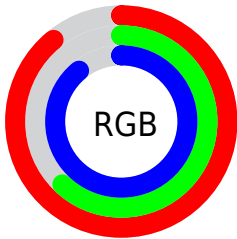
Format	Color
RYB	226, 157, 226
Decimal	14851554
CIELab	73.40, 36.67, -24.65
CIELCh	73, 44.187, 326.098
Yxy	45.7737, 0.3163, 0.2533
Android (android.graphics.Color)	4293041634 (0xFFE29DE2)
YUV	185.4970, 19.9680, 35.5211
Hunter-Lab	67.6562, 32.3785, -20.7978

Details

The YUV color **185.4970, 19.9680, 35.5211** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **197.5030, -19.9680, -35.5211**, and the grayscale version is **185.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **229.7590, 12.4438, 22.1364**, and **131.2580, 19.0998, 33.9767** is the 20% darker color. If you saturate the color by 10%, you get **171.9960, 26.6240, 47.3615**, and if you desaturate by 10%, it is **198.9980, 13.3120, 23.6808**.

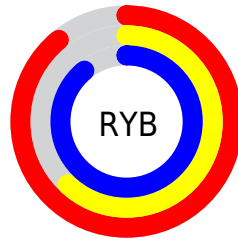
Distribution



Red (89%)

Green (62%)

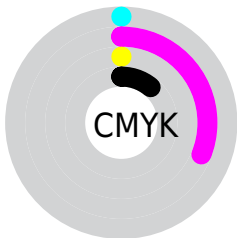
Blue (89%)



Red (89%)

Yellow (62%)

Blue (89%)

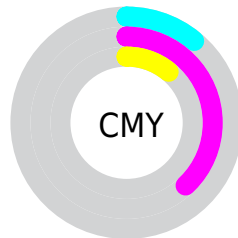


Cyan (0%)

Magenta (31%)

Yellow (0%)

Black (11%)



Cyan (11%)

Magenta (38%)


Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the YUV color 185.4970, 19.9680, 35.5211 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 185.4970, 19.9680, 35.5211 by changing the saturation by 10% instead.


 185.4970, 19.9680,
35.5211


 185.4970, 19.9680,
35.5211


255.0000, 0.0000,
0.0000


 157.7850, 19.8260,
34.3916


 229.7590, 12.4438,
22.1364


 131.2580, 19.0998,
33.9767

 246.7820, 4.0515,
7.2072

 105.2470, 19.1052,
32.2324

 80.4210, 18.5264,
31.2028

 55.1220, 18.6739,
30.5880

 29.0620, 19.6894,
31.5176

 18.2150, 14.1910,

21.7364

■ 4.6440, 10.0355,
1.1892

■ 0.0000, 0.0000,
0.0000

■ 185.4970, 19.9680,
35.5211

■ 185.4970, 19.9680,
35.5211

■ 171.9960, 26.6240,
47.3615

■ 198.9980, 13.3120,
23.6808

■ 159.0820, 32.9906,
58.6871

■ 211.9120, 6.9454,
12.3552

■ 145.5810, 39.6466,
70.5275

■ 225.4130, 0.2894,
0.5148

■ 132.6670, 46.0132,
81.8530

■ 238.3270, -6.0772,
-10.8108

■ 119.1660, 52.6692,
93.6934

■ 243.0230, -8.3923,
-14.9292

■ 105.6650, 59.3252,
105.5338

■ 93.3380, 65.4024,
116.3446

Harmonies

Analogous

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



182.4300, 34.7910, -5.6391



185.4970, 19.9680, 35.5211



183.8410, 1.5574, 60.6524

Triad

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



185.4970, 19.9680, 35.5211



177.5730, -39.2295, 29.3155



142.4970, 35.7440, -124.9699

Complementary

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



185.4970, 19.9680, 35.5211



197.5030, -19.9680, -35.5211

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.



154.7520, 8.9963, -85.7285



185.4970, 19.9680, 35.5211



173.8570, -33.4535, -3.3826

Square

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



185.4970, 19.9680, 35.5211



180.4480, -32.7589, 53.9811



167.3930, -16.4627, -39.8097



143.2100, 51.1685, -125.5952

Rectangle

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



185.4970, 19.9680, 35.5211



181.3610, -10.5310, 64.5814



167.3930, -16.4627, -39.8097



141.4880, 29.3394, -124.0850

Sweetspot

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



185.4970, 19.9680, 35.5211



241.4990, 6.6560, 11.8404



164.8660, 30.1391, -6.8985



119.1950, 4.3409, 7.7220



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.



185.4970, 19.9680, 35.5211



199.8220, 27.2028, 48.3911



181.6210, 5.1168, 38.9204



105.5430, 3.1833, 5.6628



72.6880, 50.9328, 90.6046



19.8240, 13.8908, 24.7104

Inverse Universe

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



185.4970, 19.9680, 35.5211



199.8220, 27.2028, 48.3911



201.4930, -4.6800, -39.0204



105.5430, 3.1833, 5.6628



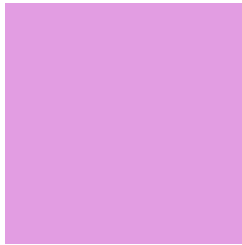
72.6880, 50.9328, 90.6046



19.8240, 13.8908, 24.7104

Previews

White Background



This preview shows how the YUV color 185.4970, 19.9680, 35.5211 looks on a white background.

Color Contrast Check

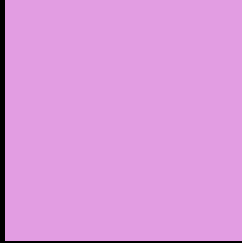
Large Text (above 18pt) WCAG AA × Fail

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 185.4970, 19.9680, 35.5211 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

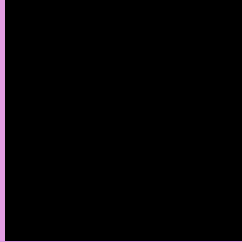
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 185.4970, 19.9680, 35.5211

Background



This preview shows how black text looks on a background with the YUV color 185.4970, 19.9680, 35.5211.



This preview shows how white text looks on a background with the YUV color 185.4970, 19.9680,

35.5211.

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

185.4970, 19.9680, 35.5211

Protanopia

180.8110, 30.1662, -15.6202

Deuteranopia

182.1300, 19.6559, -4.4990



Tritanopia

183.6280, -2.2816, 31.8982

Trichromacy



Original Color

185.4970, 19.9680, 35.5211



Protanomaly

182.3080, 26.4702, 3.2379



Deuteranomaly

183.5170, 19.4651, 10.0706



Tritanomaly

184.4030, 5.7173, 32.9726

Monochromacy



Original Color

185.4970, 19.9680, 35.5211



Achromatopsia

185.0000, 0.0000, 0.0000



Achromatomaly

185.3250, 7.2348, 12.8700

CSS Examples

Text

The CSS property to change the color of the text to YUV 185.4970, 19.9680, 35.5211 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, 157, 226)` looks like.

```
.text, #text, p{  
    color:rgb(226, 157, 226)  
}
```

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, 157, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 157, 226) }
```

Border

The CSS property to change the border of an element to YUV 185.4970, 19.9680, 35.5211 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, 157, 226) }
```


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

```
.border{ border-color:rgb(226, 157, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 157, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 157, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 157, 226);  
box-shadow:4px 4px 4px 4px rgb(226, 157,  
226) }
```

Background

The CSS property to change the background color of an element to YUV 185.4970, 19.9680, 35.5211 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 157, 226) }
```

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

```
.background{ background-color: rgb(226,  
157, 226) }
```

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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