

Converting Colors

YUV(193.1160, 17.6908,
19.1923)

Have a look what the booklet for
YUV(193.1160, 17.6908, 19.1923)
contains.

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Color

**YUV(193.1160, 17.6908,
19.1923)**

Conversions

Conversions Part 1

Format	Color
Hex	D7AFE5
RGB	215, 175, 229
RGB Percent	84%, 69%, 90%
CMY	0.1569, 0.3137, 0.1020
CMYK	0.06, 0.24, 0.00, 0.10
HSL	284°, 51%, 79%
HSV	284°, 24%, 90%
XYZ	57.4972, 50.7642, 80.8968
YIQ	193.1160, 6.5060, 25.2740

Conversions

Conversions Part 2

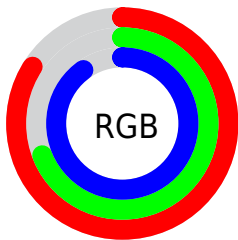
Format	Color
R_{YB}	215, 175, 229
Decimal	14135269
CIE Lab	76.54, 24.01, -21.60
CIE LCh	77, 32.293, 318.024
Yxy	50.7642, 0.3040, 0.2684
Android (android.graphics.Color)	4292325349 (0xFFD7AFE5)
YUV	193.1160, 17.6908, 19.1923
Hunter-Lab	71.2490, 19.3619, -17.4442

Details

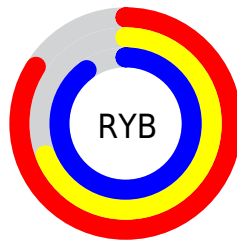
The YUV color **193.1160, 17.6908, 19.1923** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **210.8840, -17.6908, -19.1923**, and the grayscale version is **193.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **240.9120, 6.9454, 12.3552**, and **139.1760, 16.6752, 18.2626** is the 20% darker color. If you saturate the color by 10%, you get **177.8210, 25.2312, 27.3440**, and if you desaturate by 10%, it is **208.4110, 10.1504, 11.0406**.

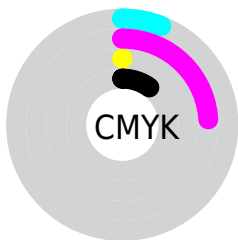
Distribution



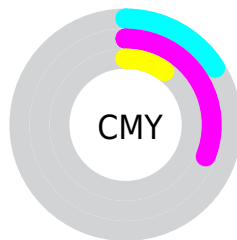
- Red (84%)
- Green (69%)
- Blue (90%)



- Red (84%)
- Yellow (69%)
- Blue (90%)



- Cyan (6%)
- Magenta (24%)
- Yellow (0%)
- Black (10%)





- Cyan (16%)
- Magenta (31%)
- Yellow (10%)

Brightness & Saturation Gradients


These gradients show how the YUV color 193.1160, 17.6908, 19.1923 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 193.1160, 17.6908, 19.1923 by changing the saturation by 10% instead.


 193.1160, 17.6908,
19.1923


 193.1160, 17.6908,
19.1923


255.0000, 0.0000,
0.0000


 165.7030, 17.4014,
18.6775


 240.9120, 6.9454,
12.3552

 139.1760, 16.6752,
18.2626

 113.4640, 16.5332,
17.1331

 88.9370, 15.8071,
16.7183

 65.1110, 15.2283,
15.6887

 42.2850, 14.6495,
14.6591

 19.8720, 14.3601,

14.1443

■ 4.9860, 11.3459,
0.8893

■ 0.0000, 0.0000,
0.0000

■ 193.1160, 17.6908,
19.1923

■ 193.1160, 17.6908,
19.1923

■ 177.8210, 25.2312,
27.3440

■ 208.4110, 10.1504,
11.0406

■ 162.5260, 32.7717,
35.4957

■ 223.7060, 2.6099,
2.8888

■ 147.2310, 40.3121,
43.6474

■ 239.0010, -4.9305,
-5.2629

■ 131.9360, 47.8526,
51.7991

■ 247.2520, -8.9982,
-7.2370

■ 116.6410, 55.3930,
59.9508

■ 249.0460, -9.8827,
-3.5483

■ 101.9330, 62.6440,
67.5878

■ 250.8400,
-10.7671, 0.1403

■ 86.6380, 70.1845,
75.7395

■ 252.0360,
-11.3567, 2.5994

■ 76.9360, 74.9676,
81.6171

Harmonies

Analogous

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



189.1490, 27.5345, -11.5317



193.1160, 17.6908, 19.1923



193.4040, 4.2378, 40.8647

Triad

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



193.1160, 17.6908, 19.1923



188.4340, -28.3150, 28.5604



172.8220, 16.3568, -66.4959

Complementary

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



193.1160, 17.6908, 19.1923



210.8840, -17.6908, -19.1923

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.



177.0620, -1.0166, -47.4124



193.1160, 17.6908, 19.1923



185.4480, -26.3499, 4.8691

Square

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



193.1160, 17.6908, 19.1923



190.2540, -21.8172, 44.5042



181.2150, -16.3750, -21.2366



174.3240, 28.4343, -66.9361

Rectangle

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



193.1160, 17.6908, 19.1923



192.9290, -5.3880, 48.2973



181.2150, -16.3750, -21.2366



173.4760, 11.1043, -61.8075

Sweetspot

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



193.1160, 17.6908, 19.1923



242.9390, 5.9461, 6.1925



189.3740, 19.5356, -12.6060



120.6460, 3.6255, 3.8185



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.



193.1160, 17.6908, 19.1923



207.6420, 23.3475, 24.8700



195.8200, 9.9487, 29.0989



107.0590, 3.9149, 4.3333



59.8740, 58.7291, 63.2545



17.1760, 16.6752, 18.2626

Inverse Universe

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



192.7420, -1.8448, 31.7983



207.2810, -2.6035, 41.8496



208.1800, -9.9487, -29.0989



106.9300, -0.4585, 7.0774



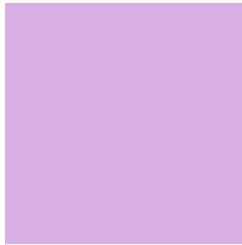
58.7650, -6.2931, 105.4461



16.7310, -1.8394, 30.0539

Previews

White Background



This preview shows how the YUV color 193.1160, 17.6908, 19.1923 looks on a white background.

Color Contrast Check

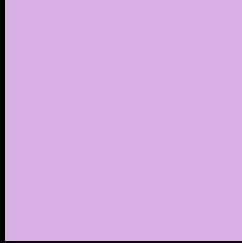
Large Text (above 18pt) WCAG AA × Fail

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 193.1160, 17.6908, 19.1923 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

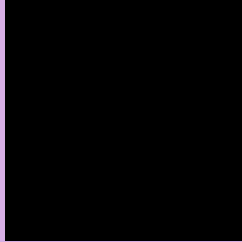
Any Text WCAG AA ✓ Pass

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 193.1160, 17.6908, 19.1923 Background



This preview shows how black text looks on a background with the YUV color 193.1160, 17.6908, 19.1923.



This preview shows how white text looks on a background with the YUV color 193.1160, 17.6908,

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

193.1160, 17.6908, 19.1923

Protanopia

189.7100, 23.3140, -11.1467

Deuteranopia

190.9840, 17.7559, -1.7400



Tritanopia

191.2670, 1.8404, 16.4288

Trichromacy



Original Color

193.1160, 17.6908, 19.1923

Protanomaly

191.2060, 21.0974, -0.1807

Deuteranomaly

191.4410, 18.0236, 5.7522

Tritanomaly

192.0590, 7.3659, 17.4883

Monochromacy



Original Color

193.1160, 17.6908, 19.1923

Achromatopsia

193.0000, 0.0000, 0.0000

Achromatomaly

192.7650, 6.5249, 7.2221

CSS Examples

Text

The CSS property to change the color of the text to YUV 193.1160, 17.6908, 19.1923 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(215, 175, 229)` looks like.

```
.text, #text, p{  
    color:rgb(215, 175, 229)  
}
```

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(215, 175, 229) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 175, 229) }
```

Border

The CSS property to change the border of an element to YUV 193.1160, 17.6908, 19.1923 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(215, 175, 229) }
```


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

```
.border{ border-color:rgb(215, 175, 229) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 175, 229)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 175, 229); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 175, 229);  
box-shadow:4px 4px 4px 4px rgb(215, 175,  
229) }
```

Background

The CSS property to change the background color of an element to YUV 193.1160, 17.6908, 19.1923 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 175, 229) }
```

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

```
.background{ background-color: rgb(215,  
175, 229) }
```

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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