

Converting Colors

YUV(199.5130, 18.9741,
27.6141)

Have a look what the booklet for
YUV(199.5130, 18.9741, 27.6141)
contains.

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Color

**YUV(199.5130, 18.9741,
27.6141)**

Conversions

Conversions Part 1

Format	Color
Hex	E7B0EE
RGB	231, 176, 238
RGB Percent	91%, 69%, 93%
CMY	0.0941, 0.3098, 0.0667
CMYK	0.03, 0.26, 0.00, 0.07
HSL	293°, 65%, 81%
HSV	293°, 26%, 93%
XYZ	63.9129, 54.2126, 87.9844
YIQ	199.5130, 12.8780, 30.9420

Conversions

Conversions Part 2

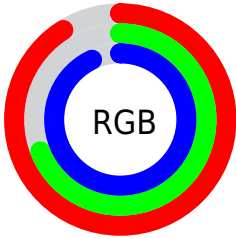
Format	Color
R _Y B	231, 176, 238
Decimal	15184110
CIE Lab	78.59, 30.35, -23.21
CIE LCh	79, 38.206, 322.597
Yxy	54.2126, 0.3101, 0.2630
Android (android.graphics.Color)	4293374190 (0xFFE7B0EE)
YUV	199.5130, 18.9741, 27.6141
Hunter-Lab	73.6292, 26.0936, -19.3091

Details

The YUV color **199.5130, 18.9741, 27.6141** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **214.4870, -18.9741, -27.6141**, and the grayscale version is **199.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **241.4990, 6.6560, 11.8404**, and **145.2740, 18.1059, 26.0697** is the 20% darker color. If you saturate the color by 10%, you get **184.5280, 26.3617, 38.1249**, and if you desaturate by 10%, it is **214.4980, 11.5865, 17.1033**.

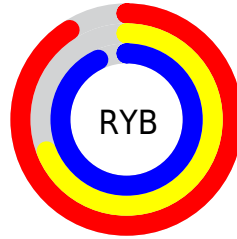
Distribution



Red (91%)

Green (69%)

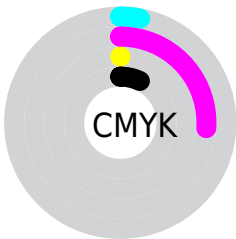
Blue (93%)



Red (91%)

Yellow (69%)

Blue (93%)

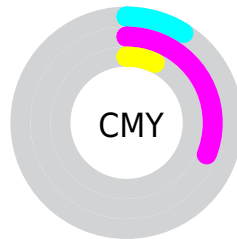


Cyan (3%)

Magenta (26%)

Yellow (0%)

Black (7%)



Cyan (9%)


Magenta (31%)


Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the YUV color 199.5130, 18.9741, 27.6141 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 199.5130, 18.9741, 27.6141 by changing the saturation by 10% instead.


 199.5130, 18.9741,
27.6141


 199.5130, 18.9741,
27.6141


255.0000, 0.0000,
0.0000


 172.1000, 18.6847,
27.0993


 241.4990, 6.6560,
11.8404

 145.2740, 18.1059,
26.0697

 118.8610, 17.8165,
25.5549

 93.7360, 17.3852,
23.9105

 69.3230, 17.0958,
23.3957

 45.4970, 16.5170,
22.3661

 22.1980, 16.6644,

21.7514

■ 12.3620, 11.1605,
13.7145

■ 1.0260, 3.9312,
-0.8998

■ 199.5130, 18.9741,
27.6141

■ 199.5130, 18.9741,
27.6141

■ 184.5280, 26.3617,
38.1249

■ 214.4980, 11.5865,
17.1033

■ 169.8420, 33.6019,
49.2506

■ 229.1840, 4.3463,
5.9776

■ 155.4440, 40.7001,
59.2466

■ 243.5820, -2.7519,
-4.0184

■ 140.4590, 48.0877,
69.7575

■ 249.1750, -5.5093,
-6.2925

■ 125.7730, 55.3279,
80.8831

■ 249.7730, -5.8041,
-5.0629

■ 110.7880, 62.7155,
91.3939

■ 250.6700, -6.2463,
-3.2186

■ 95.8030, 70.1031,
101.9048

■ 251.5670, -6.6885,
-1.3743

■ 90.2210, 72.8550,
105.9232

■ 252.1650, -6.9833,
-0.1447

■ 253.0620, -7.4256,
1.6996

Harmonies

Analogous

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



195.0400, 29.5603, -7.9281



199.5130, 18.9741, 27.6141



198.2310, 3.3371, 49.7864

Triad

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



199.5130, 18.9741, 27.6141



192.9520, -33.9933, 29.8601



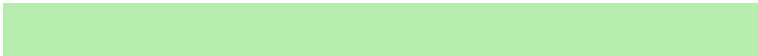
170.4430, 24.4316, -89.8425

Complementary

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



199.5130, 18.9741, 27.6141



214.4870, -18.9741, -27.6141

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.



177.7010, 3.1054, -62.8818



199.5130, 18.9741, 27.6141



189.6880, -30.4122, 1.1506

Square

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



199.5130, 18.9741, 27.6141



195.3920, -27.8013, 50.5222



184.6330, -17.0741, -30.3731



174.5050, 37.2190, -84.6349

Rectangle

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



199.5130, 18.9741, 27.6141



194.9080, -6.8566, 52.7007



184.6330, -17.0741, -30.3731



172.7660, 17.8634, -83.1098

Sweetspot

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



199.5130, 18.9741, 27.6141



242.6620, 6.0826, 9.0664



187.1770, 25.0557, -9.8022



119.7710, 4.0569, 5.4628



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.



199.5130, 18.9741, 27.6141



205.9360, 24.1886, 35.1361



198.8700, 7.4591, 34.3170



112.3580, 3.7675, 4.9480



69.7130, 56.3435, 81.8127



21.3340, 17.0903, 25.1401

Inverse Universe

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



195.3360, -6.0816, 37.4163



200.6470, -7.7140, 47.6676



215.1300, -7.4591, -34.3170



111.7020, -1.3321, 7.2773



57.4100, -17.9501, 111.0194



17.4280, -5.6340, 33.8276

Previews

White Background



This preview shows how the YUV color 199.5130, 18.9741, 27.6141 looks on a white background.

Color Contrast Check

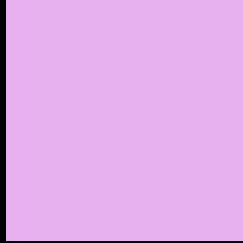
Large Text (above 18pt) WCAG AA × Fail

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 199.5130, 18.9741, 27.6141 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

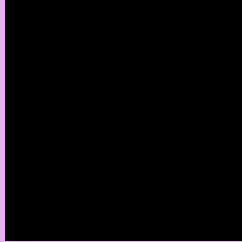
Any Text WCAG AA ✓ Pass

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 199.5130, 18.9741, 27.6141 Background



This preview shows how black text looks on a background with the YUV color 199.5130, 18.9741, 27.6141.

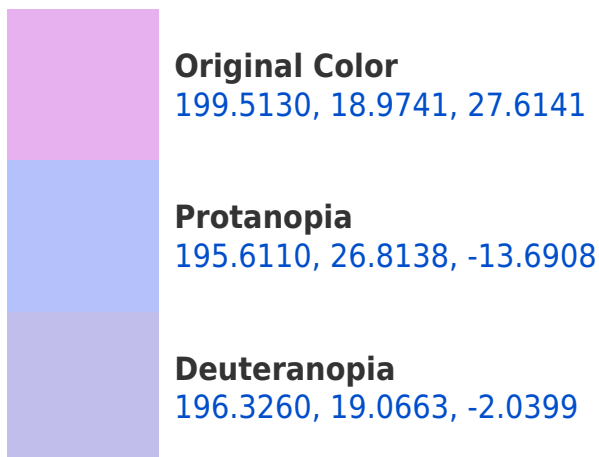


This preview shows how white text looks on a background with the YUV color 199.5130, 18.9741,

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





Tritanopia

197.8550, 0.0715, 23.8062

Trichromacy



Original Color

199.5130, 18.9741, 27.6141



Protanomaly

197.3140, 24.0022, 1.4786



Deuteranomaly

197.3920, 19.0337, 8.4262



Tritanomaly

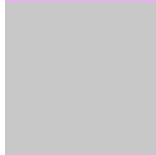
198.4020, 7.1968, 25.0804

Monochromacy



Original Color

199.5130, 18.9741, 27.6141



Achromatopsia

200.0000, 0.0000, 0.0000



Achromatomaly

199.6020, 7.0982, 9.9960

CSS Examples

Text

The CSS property to change the color of the text to YUV 199.5130, 18.9741, 27.6141 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(231, 176, 238)` looks like.

```
.text, #text, p{  
    color:rgb(231, 176, 238)  
}
```

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(231, 176, 238) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 176, 238) }
```

Border

The CSS property to change the border of an element to YUV 199.5130, 18.9741, 27.6141 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(231, 176, 238) }
```


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

```
.border{ border-color:rgb(231, 176, 238) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 176, 238)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 176, 238); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 176, 238);  
box-shadow:4px 4px 4px 4px rgb(231, 176,  
238) }
```

Background

The CSS property to change the background color of an element to YUV 199.5130, 18.9741, 27.6141 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 176, 238) }
```

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

```
.background{ background-color: rgb(231,  
176, 238) }
```

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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