

Converting Colors

YUV(174.8460, 30.6419,
18.5521)

Have a look what the booklet for
YUV(174.8460, 30.6419, 18.5521)
contains.

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Color

**YUV(174.8460, 30.6419,
18.5521)**

Conversions

Conversions Part 1

Format	Color
Hex	C498ED
RGB	196, 152, 237
RGB Percent	77%, 60%, 93%
CMY	0.2314, 0.4039, 0.0706
CMYK	0.17, 0.36, 0.00, 0.07
HSL	271°, 70%, 76%
HSV	271°, 36%, 93%
XYZ	49.2792, 40.3067, 85.3034
YIQ	174.8460, -1.0610, 35.7630

Conversions

Conversions Part 2

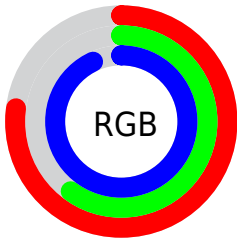
Format	Color
RYB	196, 152, 237
Decimal	12884205
CIELab	69.69, 32.34, -36.64
CIELCh	70, 48.866, 311.432
Yxy	40.3067, 0.2818, 0.2305
Android (android.graphics.Color)	4291074285 (0xFFC498ED)
YUV	174.8460, 30.6419, 18.5521
Hunter-Lab	63.4875, 27.4492, -35.2223

Details

The YUV color **174.8460, 30.6419, 18.5521** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **214.1540, -30.6419, -18.5521**, and the grayscale version is **175.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **226.5250, 14.0382, 24.0956**, and **121.4930, 29.3370, 17.1076** is the 20% darker color. If you saturate the color by 10%, you get **157.4690, 39.2088, 24.1447**, and if you desaturate by 10%, it is **192.2230, 22.0751, 12.9594**.

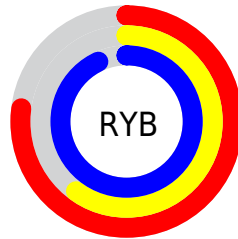
Distribution



Red (77%)

Green (60%)

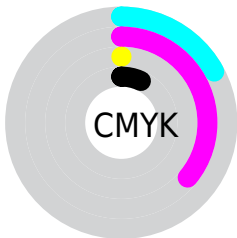
Blue (93%)



Red (77%)

Yellow (60%)

Blue (93%)

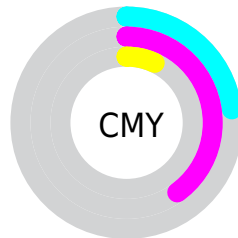


Cyan (17%)

Magenta (36%)

Yellow (0%)

Black (7%)



Cyan (23%)

Magenta (40%)


Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the YUV color 174.8460, 30.6419, 18.5521 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 174.8460, 30.6419, 18.5521 by changing the saturation by 10% instead.


 174.8460, 30.6419,
18.5521

 174.8460, 30.6419,
18.5521


255.0000, 0.0000,
0.0000


 148.0200, 30.0631,
17.5225


 226.5250, 14.0382,
24.0956


 121.4930, 29.3370,
17.1076

 243.2600, 5.7878,
10.2960

 96.2540, 28.4688,
15.5632

 71.3140, 27.4532,
14.6336

 47.4880, 26.8744,
13.6040

 23.7760, 26.7324,
12.4744

 12.2500, 21.0757,

6.7968

■ 4.8220, 13.3988,
-4.2289

■ 0.4560, 1.7472,
-0.3999

■ 174.8460, 30.6419,
18.5521

■ 174.8460, 30.6419,
18.5521

■ 157.4690, 39.2088,
24.1447

■ 192.2230, 22.0751,
12.9594

■ 140.3800, 47.6337,
28.6077

■ 209.3120, 13.6502,
8.4964

■ 123.0030, 56.2005,
34.2004

■ 226.6890, 5.0833,
2.9037

■ 105.3270, 64.9148,
39.1782

■ 244.3650, -3.6309,
-2.0741

■ 87.9500, 73.4817,
44.7708

■ 252.3500, -7.5675,
0.5701

■ 70.8610, 81.9065,
49.2339

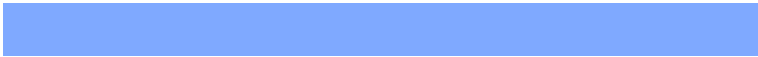
■ 252.9480, -7.8624,
1.7996

■ 63.7950, 85.3901,
51.9228

Harmonies

Analogous

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



166.2460, 43.7557, -34.4187



174.8460, 30.6419, 18.5521



174.3810, 12.6302, 55.7939

Triad

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



174.8460, 30.6419, 18.5521



168.3300, -40.5887, 45.3146



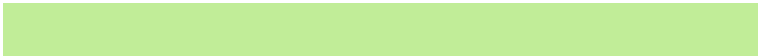
134.4950, 25.3920, -117.9521

Complementary

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



174.8460, 30.6419, 18.5521



214.1540, -30.6419, -18.5521

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.



147.8110, -3.8508, -71.7482



174.8460, 30.6419, 18.5521



164.4910, -41.6541, 13.6014

Square

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



174.8460, 30.6419, 18.5521



169.9040, -27.5607, 66.7362



158.9900, -28.5891, -23.6702



137.5220, 44.6057, -120.6068

Rectangle

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



174.8460, 30.6419, 18.5521



172.7990, -1.3799, 69.4593



158.9900, -28.5891, -23.6702



132.7850, 18.8400, -116.4524

Sweetspot

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



174.8460, 30.6419, 18.5521



234.3780, 10.1666, 5.8075



185.7570, 25.2628, -29.6049



115.6290, 6.0989, 3.8334



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.



174.8460, 30.6419, 18.5521



174.5830, 39.6456, 24.0447



186.9910, 24.1614, 43.8579



109.0480, 3.9203, 2.5889



48.7400, 65.2042, 39.6930



14.5280, 19.4597, 11.8149

Inverse Universe

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



182.0890, 5.3791, 48.1569



183.9320, 6.9355, 62.3266



202.0090, -24.1614, -43.8579



109.8590, 0.5625, 6.2627



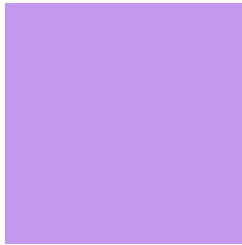
64.0370, 11.3208, 102.5766



19.1100, 3.3968, 30.5985

Previews

White Background



This preview shows how the YUV color 174.8460, 30.6419, 18.5521 looks on a white background.

Color Contrast Check

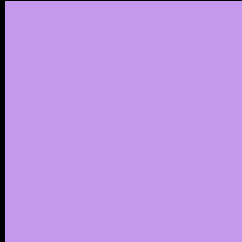
Large Text (above 18pt) WCAG AA × Fail

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 174.8460, 30.6419, 18.5521 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

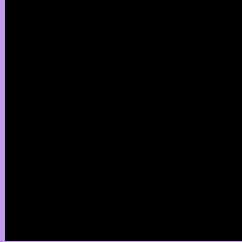
Any Text WCAG AA ✓ Pass

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 174.8460, 30.6419, 18.5521 Background



This preview shows how black text looks on a background with the YUV color 174.8460, 30.6419, 18.5521.



This preview shows how white text looks on a background with the YUV color 174.8460, 30.6419,

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

174.8460, 30.6419, 18.5521

Protanopia

169.8730, 39.5026, -23.5676

Deuteranopia

170.4410, 31.3346, -17.0498



Tritanopia

172.0600, 2.4354, 12.2254

Trichromacy



Original Color

174.8460, 30.6419, 18.5521

Protanomaly

171.4620, 36.2542, -8.2982

Deuteranomaly

171.8170, 31.1492, -4.2245

Tritanomaly

173.4160, 12.6129, 14.5442

Monochromacy



Original Color

174.8460, 30.6419, 18.5521

Achromatopsia

175.0000, 0.0000, 0.0000

Achromatomaly

175.3180, 11.1822, 6.7371

CSS Examples

Text

The CSS property to change the color of the text to YUV 174.8460, 30.6419, 18.5521 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(196, 152, 237)` looks like.

```
.text, #text, p{  
    color:rgb(196, 152, 237)  
}
```

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(196, 152, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 152, 237) }
```

Border

The CSS property to change the border of an element to YUV 174.8460, 30.6419, 18.5521 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(196, 152, 237) }
```


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

```
.border{ border-color:rgb(196, 152, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 152, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 152, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 152, 237);  
box-shadow:4px 4px 4px 4px rgb(196, 152,  
237) }
```

Background

The CSS property to change the background color of an element to YUV 174.8460, 30.6419, 18.5521 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 152, 237) }
```

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

```
.background{ background-color: rgb(196,  
152, 237) }
```

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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