

Converting Colors

YUV(175.4630, 18.0127, 9.2409)

Have a look what the booklet for
YUV(175.4630, 18.0127, 9.2409)
contains.

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Color

**YUV(175.4630, 18.0127,
9.2409)**

Conversions

Conversions Part 1

Format	Color
Hex	BAA3D4
RGB	186, 163, 212
RGB Percent	73%, 64%, 83%
CMY	0.2706, 0.3608, 0.1686
CMYK	0.12, 0.23, 0.00, 0.17
HSL	268°, 36%, 74%
HSV	268°, 23%, 83%
XYZ	45.2306, 41.3870, 67.8919
YIQ	175.4630, -2.0210, 20.1150

Conversions

Conversions Part 2

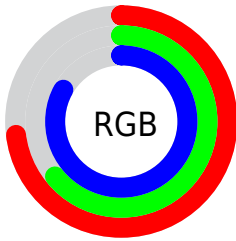
Format	Color
R _Y B	186, 163, 212
Decimal	12231636
CIE Lab	70.45, 17.75, -21.82
CIE LCh	70, 28.126, 309.129
Yxy	41.3870, 0.2927, 0.2679
Android (android.graphics.Color)	4290421716 (0xFFBAA3D4)
YUV	175.4630, 18.0127, 9.2409
Hunter-Lab	64.3327, 12.9163, -17.5374

Details

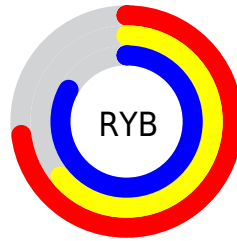
The YUV color **175.4630, 18.0127, 9.2409** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **199.5370, -18.0127, -9.2409**, and the grayscale version is **175.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **229.3940, 12.6238, 11.0555**, and **122.5230, 16.9972, 8.3113** is the 20% darker color. If you saturate the color by 10%, you get **159.8470, 25.7114, 13.2892**, and if you desaturate by 10%, it is **191.0790, 10.3141, 5.1927**.

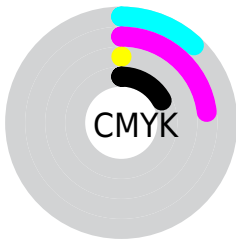
Distribution



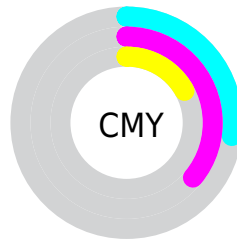
- Red (73%)
- Green (64%)
- Blue (83%)



- Red (73%)
- Yellow (64%)
- Blue (83%)



- Cyan (12%)
- Magenta (23%)
- Yellow (0%)
- Black (17%)



- Cyan (27%)
- Magenta (36%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the YUV color 175.4630, 18.0127, 9.2409 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 175.4630, 18.0127, 9.2409 by changing the saturation by 10% instead.

■ 175.4630, 18.0127,
9.2409

■ 175.4630, 18.0127,
9.2409

■ 255.0000, 0.0000,
0.0000

■ 148.9360, 17.2866,
8.8261

■ 229.3940, 12.6238,
11.0555

■ 122.5230, 16.9972,
8.3113

■ 250.3040, 2.3151,
4.1184

■ 97.9960, 16.2710,
7.8965

■ 73.5830, 15.9816,
7.3817

■ 50.6430, 14.9660,
6.4521

■ 29.1160, 14.2398,
6.0373

■ 9.6000, 13.5082,

7.3668

■ 2.0690, 5.3890,
-1.8145

■ 0.0000, 0.0000,
0.0000

■ 175.4630, 18.0127,
9.2409

■ 175.4630, 18.0127,
9.2409

■ 159.8470, 25.7114,
13.2892

■ 191.0790, 10.3141,
5.1927

■ 144.2310, 33.4101,
17.3374

■ 206.6950, 2.6154,
1.1445

■ 127.7290, 41.5456,
21.2857

■ 223.1970, -5.5201,
-2.8038

■ 112.1130, 49.2443,
25.3339

■ 238.8130,
-13.2188, -6.8520

■ 96.4970, 56.9430,
29.3821

■ 246.2110,
-16.8660, -3.6930

■ 80.8810, 64.6417,
33.4304

■ 249.5000,
-18.4875, 3.0695

■ 64.9660, 72.4878,
36.8638

■ 250.0980,
-18.7823, 4.2991

■ 54.0680, 77.8605,
40.2824

Harmonies

Analogous

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



171.4210, 24.9354, -17.9092



175.4630, 18.0127, 9.2409



176.4350, 7.1805, 30.3135

Triad

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



175.4630, 18.0127, 9.2409



172.6990, -23.5156, 29.2050



160.0750, 9.3300, -52.6858

Complementary

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



175.4630, 18.0127, 9.2409



199.5370, -18.0127, -9.2409

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.



163.4120, -5.1331, -33.6873



175.4630, 18.0127, 9.2409



170.1760, -23.7508, 11.2466

Square

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



175.4630, 18.0127, 9.2409



174.3120, -16.4228, 40.9454



166.7540, -17.1337, -11.1853



159.9570, 21.7132, -57.8443

Rectangle

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



175.4630, 18.0127, 9.2409



176.3130, -1.1403, 39.1905



166.7540, -17.1337, -11.1853



160.6690, 5.0932, -47.0677

Sweetspot

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



175.4630, 18.0127, 9.2409



241.7430, 6.5357, 3.7334



183.8480, 13.8789, -18.2837



119.7490, 4.0677, 1.9741



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.



175.4630, 18.0127, 9.2409



201.9610, 26.1482, 13.1892



182.6390, 14.4750, 23.9956



98.7490, 4.0677, 1.9741



43.4140, 62.8999, 32.0859



10.8820, 15.8342, 7.9965

Inverse Universe

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



180.6150, 4.1338, 27.5246



209.4470, 5.6956, 39.9500



192.3610, -14.4750, -23.9956



99.9730, 0.9993, 6.1627



61.5030, 14.5420, 96.0289



15.4790, 3.7079, 24.1359

Previews

White Background



This preview shows how the YUV color 175.4630, 18.0127, 9.2409 looks on a white background.

Color Contrast Check

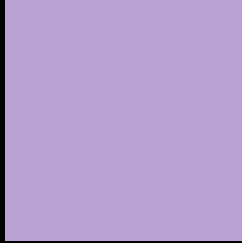
Large Text (above 18pt) WCAG AA × Fail

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 175.4630, 18.0127, 9.2409 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

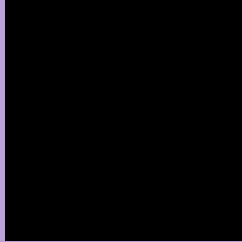
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 175.4630, 18.0127, 9.2409

Background



This preview shows how black text looks on a background with the YUV color 175.4630, 18.0127, 9.2409.



This preview shows how white text looks on a background with the YUV color 175.4630, 18.0127,

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

175.4630, 18.0127, 9.2409

Protanopia

173.2540, 21.5668, -10.7468

Deuteranopia

174.0870, 18.1981, -3.5843



Tritanopia

174.0700, 3.9095, 6.0776

Trichromacy



Original Color

175.4630, 18.0127, 9.2409

Protanomaly

173.9560, 20.2347, -3.4694

Deuteranomaly

174.7070, 17.8924, 1.1340

Tritanomaly

174.7480, 8.9982, 7.2370

Monochromacy



Original Color

175.4630, 18.0127, 9.2409

Achromatopsia

175.0000, 0.0000, 0.0000

Achromatomaly

175.3300, 6.2463, 3.2186

CSS Examples

Text

The CSS property to change the color of the text to YUV 175.4630, 18.0127, 9.2409 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(186, 163, 212)` looks like.

```
.text, #text, p{  
    color:rgb(186, 163, 212)  
}
```

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(186, 163, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 163, 212) }
```

Border

The CSS property to change the border of an element to YUV 175.4630, 18.0127, 9.2409 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(186, 163, 212) }
```


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

```
.border{ border-color:rgb(186, 163, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 163, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 163, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 163, 212);  
box-shadow:4px 4px 4px 4px rgb(186, 163,  
212) }
```

Background

The CSS property to change the background color of an element to YUV 175.4630, 18.0127, 9.2409 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 163, 212) }
```

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

```
.background{ background-color: rgb(186,  
163, 212) }
```

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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