

Converting Colors

YUV(148.4070, 26.4213,
18.9371)

Have a look what the booklet for
YUV(148.4070, 26.4213, 18.9371)
contains.

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Color

**YUV(148.4070, 26.4213,
18.9371)**

Conversions

Conversions Part 1

Format	Color
Hex	AA7FCA
RGB	170, 127, 202
RGB Percent	67%, 50%, 79%
CMY	0.3333, 0.5020, 0.2078
CMYK	0.16, 0.37, 0.00, 0.21
HSL	274°, 41%, 65%
HSV	274°, 37%, 79%
XYZ	34.8276, 27.9891, 59.4439
YIQ	148.4070, 1.5530, 32.4410

Conversions

Conversions Part 2

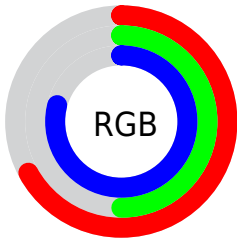
Format	Color
RYB	170, 127, 202
Decimal	11173834
CIELab	59.88, 30.73, -32.63
CIELCh	60, 44.825, 313.277
Yxy	27.9891, 0.2849, 0.2289
Android (android.graphics.Color)	4289363914 (0xFFAA7FCA)
YUV	148.4070, 26.4213, 18.9371
Hunter-Lab	52.9047, 24.9249, -29.5852

Details

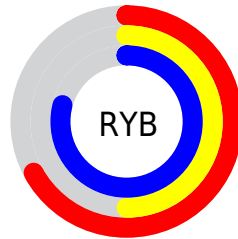
The YUV color **148.4070, 26.4213, 18.9371** is a light color, and the websafe version is hex **996699**. A complement of this color would be **180.5930, -26.4213, -18.9371**, and the grayscale version is **148.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **202.3040, 25.9791, 20.7814**, and **96.7550, 25.2638, 16.8779** is the 20% darker color. If you saturate the color by 10%, you get **133.9760, 33.5358, 23.7000**, and if you desaturate by 10%, it is **162.8380, 19.3069, 14.1741**.

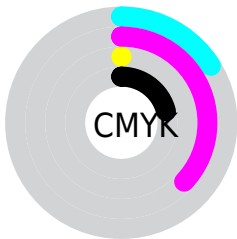
Distribution



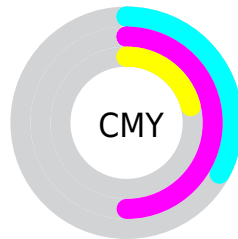
- Red (67%)
- Green (50%)
- Blue (79%)



- Red (67%)
- Yellow (50%)
- Blue (79%)



- Cyan (16%)
- Magenta (37%)
- Yellow (0%)
- Black (21%)



- Cyan (33%)
- Magenta (50%)
- Yellow (21%)

Brightness & Saturation Gradients

These gradients show how the YUV color 148.4070, 26.4213, 18.9371 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 148.4070, 26.4213, 18.9371 by changing the saturation by 10% instead.

■ 148.4070, 26.4213,
18.9371

■ 148.4070, 26.4213,
18.9371

255.0000, 0.0000,
0.0000

■ 122.4670, 25.4058,
18.0074

■ 202.3040, 25.9791,
20.7814

■ 96.7550, 25.2638,
16.8779

■ 227.4110, 13.6014,
24.1956

■ 72.2280, 24.5376,
16.4630

■ 243.8470, 5.4984,
9.7812

■ 48.2880, 23.5220,
15.5334

■ 24.5760, 23.3800,
14.4038

■ 12.8760, 18.3021,
9.7557

■ 3.6650, 11.5042,

-3.2142

■ 0.0000, 0.0000,
0.0000

■ 148.4070, 26.4213,
18.9371

■ 148.4070, 26.4213,
18.9371

■ 133.9760, 33.5358,
23.7000

■ 162.8380, 19.3069,
14.1741

■ 119.8440, 40.5029,
29.0778

■ 176.9700, 12.3398,
8.7963

■ 104.8260, 47.9068,
34.3556

■ 191.9880, 4.9359,
3.5185

■ 90.6940, 54.8739,
39.7334

■ 206.1200, -2.0312,
-1.8592

■ 76.2630, 61.9883,
44.4963

■ 220.5510, -9.1456,
-6.6222

61.8320, 69.1028,
49.2593

234.9820,
-16.2601, -11.3852

57.7120, 71.1340,
51.1186

241.4830,
-19.4651, -10.0706

244.1740,
-20.7918, -4.5376

246.8650,
-22.1184, 0.9954

Harmonies

Analogous

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



141.4380, 39.2241, -27.5711



148.4070, 26.4213, 18.9371



147.6640, 10.0256, 51.1607

Triad

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



148.4070, 26.4213, 18.9371



142.0240, -36.4938, 38.5670



114.6220, 22.8644, -100.5235

Complementary

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



148.4070, 26.4213, 18.9371



180.5930, -26.4213, -18.9371

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.



122.2180, -1.0935, -69.4742



148.4070, 26.4213, 18.9371



139.3210, -37.1333, 10.2425

Square

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



148.4070, 26.4213, 18.9371



144.0170, -25.6444, 58.7441



133.8420, -24.0791, -23.5404



117.5520, 39.1679, -103.0931

Rectangle

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



148.4070, 26.4213, 18.9371



146.1140, -2.5212, 62.1670



133.8420, -24.0791, -23.5404



113.0260, 16.7492, -99.1238

Sweetspot

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



148.4070, 26.4213, 18.9371



234.9760, 9.8718, 7.0370



154.9210, 23.2099, -24.4867



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.



148.4070, 26.4213, 18.9371



172.8440, 40.5029, 29.0778



157.4050, 19.5203, 39.1098



94.9340, 3.4835, 2.6889



47.3290, 58.5048, 41.8075



10.9100, 13.3554, 9.7259

Inverse Universe

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



153.0730, 2.9220, 42.9090



179.9710, 4.4513, 65.8004



171.5950, -19.5203, -39.1098



95.4460, 0.2731, 5.7479



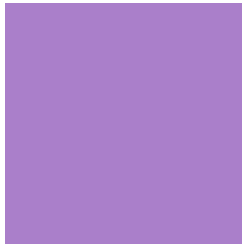
57.7280, 6.5431, 94.9545



13.1860, 1.3873, 21.7619

Previews

White Background



This preview shows how the YUV color 148.4070, 26.4213, 18.9371 looks on a white background.

Color Contrast Check

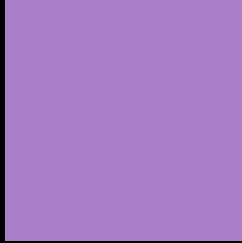
Large Text (above 18pt) WCAG AA ✓ Pass

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 148.4070, 26.4213, 18.9371 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

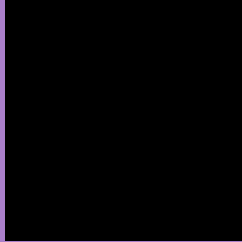
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 148.4070, 26.4213, 18.9371

Background



This preview shows how black text looks on a background with the YUV color 148.4070, 26.4213, 18.9371.



This preview shows how white text looks on a background with the YUV color 148.4070, 26.4213, 18.9371.

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

148.4070, 26.4213, 18.9371

Protanopia

143.6300, 34.6924, -20.7235

Deuteranopia

144.6000, 26.8192, -15.4352



Tritanopia

146.1310, 1.4144, 13.0401

Trichromacy



Original Color

148.4070, 26.4213, 18.9371

Protanomaly

145.6210, 31.7388, -6.6836

Deuteranomaly

145.9760, 26.6338, -2.6100

Tritanomaly

146.8460, 10.4289, 15.0441

Monochromacy



Original Color

148.4070, 26.4213, 18.9371

Achromatopsia

148.0000, 0.0000, 0.0000

Achromatomaly

147.9760, 9.8718, 7.0370

CSS Examples

Text

The CSS property to change the color of the text to YUV 148.4070, 26.4213, 18.9371 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(170, 127, 202)` looks like.

```
.text, #text, p{  
    color:rgb(170, 127, 202)  
}
```

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(170, 127, 202) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 127, 202) }
```

Border

The CSS property to change the border of an element to YUV 148.4070, 26.4213, 18.9371 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(170, 127, 202) }
```


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

```
.border{ border-color:rgb(170, 127, 202) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 127, 202)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(170, 127, 202); -webkit-box-shadow:4px 4px 4px 4px rgb(170, 127, 202); box-shadow:4px 4px 4px 4px rgb(170, 127, 202) }
```

Background

The CSS property to change the background color of an element to YUV 148.4070, 26.4213, 18.9371 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 127, 202) }
```

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

```
.background{ background-color: rgb(170,  
127, 202) }
```

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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