

Converting Colors

YUV(119.6430, 5.1060, 42.4091)

Have a look what the booklet for
YUV(119.6430, 5.1060, 42.4091)
contains.

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Color

**YUV(119.6430, 5.1060,
42.4091)**

Conversions

Conversions Part 1

Format	Color
Hex	A85D82
RGB	168, 93, 130
RGB Percent	66%, 36%, 51%
CMY	0.3412, 0.6353, 0.4902
CMYK	0.00, 0.45, 0.23, 0.34
HSL	330°, 30%, 51%
HSV	330°, 45%, 66%
XYZ	24.0921, 17.7652, 23.2783
YIQ	119.6430, 32.8230, 27.4070

Conversions

Conversions Part 2

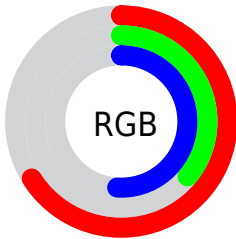
Format	Color
RYB	168, 93, 130
Decimal	11033986
CIELab	49.21, 35.35, -7.16
CIELCh	49, 36.072, 348.554
Yxy	17.7652, 0.3699, 0.2727
Android (android.graphics.Color)	4289224066 (0xFFA85D82)
YUV	119.6430, 5.1060, 42.4091
Hunter-Lab	42.1488, 28.2693, -3.2410

Details

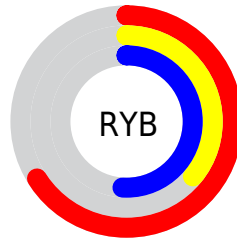
The YUV color **119.6430, 5.1060, 42.4091** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **141.3570, -5.1060, -42.4091**, and the grayscale version is **120.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **173.2520, 4.8058, 45.3830**, and **68.5610, 6.1324, 39.8500** is the 20% darker color. If you saturate the color by 10%, you get **108.6380, 6.0945, 52.0605**, and if you desaturate by 10%, it is **130.6480, 4.1175, 32.7577**.

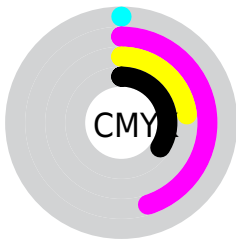
Distribution



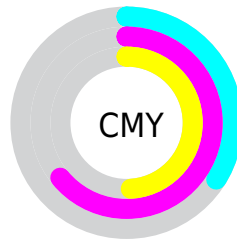
- Red (66%)
- Green (36%)
- Blue (51%)



- Red (66%)
- Yellow (36%)
- Blue (51%)



- Cyan (0%)
- Magenta (45%)
- Yellow (23%)
- Black (34%)



- Cyan (34%)
- Magenta (64%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the YUV color 119.6430, 5.1060, 42.4091 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 119.6430, 5.1060, 42.4091 by changing the saturation by 10% instead.


 119.6430, 5.1060,
42.4091


 119.6430, 5.1060,
42.4091

255.0000, 0.0000,
0.0000


 94.0450, 5.4008,
41.1795


 173.2520, 4.8058,
45.3830


 68.5610, 6.1324,
39.8500


 200.9640, 4.9477,
46.5126


 43.4900, 7.1534,
39.0353

 220.8910, 8.9277,
29.9136

 22.9410, 6.4381,
35.1317

 239.1510, 7.8136,
13.8996

 14.2680, 0.3609,
24.3210

 0.0000, 0.0000,
0.0000

■ 119.6430, 5.1060,
42.4091

■ 119.6430, 5.1060,
42.4091

■ 108.6380, 6.0945,
52.0605

■ 130.6480, 4.1175,
32.7577

■ 97.7470, 7.5197,
61.6119

■ 141.5390, 2.6923,
23.2063

■ 87.3290, 8.2188,
70.7485

■ 151.9570, 1.9932,
14.0697

■ 76.4380, 9.6441,
80.2999

■ 162.8480, 0.5679,
4.5183

■ 65.4330, 10.6325,
89.9513

■ 173.8530, -0.4205,
-5.1331


■ 59.6940, 11.4899,
94.9844

■ 184.7440, -1.8458,
-14.6845

■ 195.7490, -2.8343,
-24.3359

■ 206.0530, -3.9701,

-33.3725

 217.0580, -4.9586,
-43.0239

Harmonies

Analogous

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



120.6430, 18.4170, 19.6071



119.6430, 5.1060, 42.4091



117.6150, -9.1772, 50.3266

Triad

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



119.6430, 5.1060, 42.4091



112.5080, -27.3654, 3.9395



94.7780, 33.1404, -83.1203

Complementary

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



119.6430, 5.1060, 42.4091



141.3570, -5.1060, -42.4091

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.



93.4610, 20.4787, -81.9653



119.6430, 5.1060, 42.4091



108.2040, -16.3696, -22.9809

Square

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



119.6430, 5.1060, 42.4091



115.1950, -29.1831, 27.0160



98.3100, 2.8052, -59.9079



102.4200, 36.2749, -61.7583

Rectangle

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



119.6430, 5.1060, 42.4091



117.1880, -18.3337, 47.1931



98.3100, 2.8052, -59.9079



94.4530, 29.3567, -82.8353

Sweetspot

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



119.6430, 5.1060, 42.4091



200.9680, 1.9878, 15.8141



112.9120, 27.1584, 15.8632



98.4080, 1.2779, 10.1662



237.0000, 0.0000, 0.0000



110.0000, 0.0000, 0.0000

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



119.6430, 5.1060, 42.4091



142.8940, 7.9403, 66.7450



115.4250, -11.0555, 46.1083



78.8480, 0.5679, 4.5183



52.5740, 10.0700, 83.6886



7.1200, 1.4198, 11.2958

Inverse Universe

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



119.6430, 5.1060, 42.4091



142.8940, 7.9403, 66.7450



145.5750, 11.0555, -46.1083



78.8480, 0.5679, 4.5183



52.5740, 10.0700, 83.6886



7.1200, 1.4198, 11.2958

Previews

White Background



This preview shows how the YUV color 119.6430, 5.1060, 42.4091 looks on a white background.

Color Contrast Check

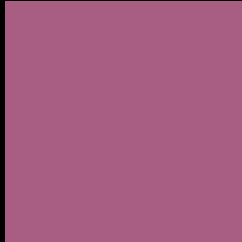
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



This preview shows how the YUV color 119.6430, 5.1060, 42.4091 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

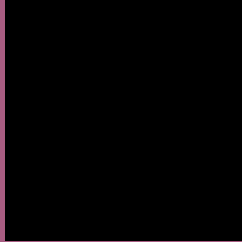
Any Text WCAG AA ✓ Pass

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 119.6430, 5.1060, 42.4091 Background



This preview shows how black text looks on a background with the YUV color 119.6430, 5.1060, 42.4091.



This preview shows how white text looks on a background with the YUV color 119.6430, 5.1060,

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

119.6430, 5.1060, 42.4091

Protanopia

117.8110, 13.4042, -5.9732

Deuteranopia

118.6570, 3.6201, 5.5628



Tritanopia

118.8310, -6.8187, 40.4902

Trichromacy



Original Color

119.6430, 5.1060, 42.4091

Protanomaly

118.8240, 10.4398, 11.5554

Deuteranomaly

118.8590, 4.0135, 19.4177

Tritanomaly

118.9820, -2.4561, 41.2348

Monochromacy



Original Color

119.6430, 5.1060, 42.4091

Achromatopsia

120.0000, 0.0000, 0.0000

Achromatomaly

119.6690, 2.1352, 15.1993

CSS Examples

Text

The CSS property to change the color of the text to YUV 119.6430, 5.1060, 42.4091 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(168, 93, 130)` looks like.

```
.text, #text, p{  
    color:rgb(168, 93, 130)  
}
```

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(168, 93, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 93, 130) }
```

Border

The CSS property to change the border of an element to YUV 119.6430, 5.1060, 42.4091 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(168, 93, 130) }
```


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

```
.border{ border-color:rgb(168, 93, 130) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 93, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 93, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 93, 130);  
box-shadow:4px 4px 4px 4px rgb(168, 93,  
130) }
```

Background

The CSS property to change the background color of an element to YUV 119.6430, 5.1060, 42.4091 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 93, 130) }
```

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

```
.background{ background-color: rgb(168, 93,  
130) }
```

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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