

Converting Colors

YUV(158.8530, 23.2435,
11.5299)

Have a look what the booklet for
YUV(158.8530, 23.2435, 11.5299)
contains.

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Color

**YUV(158.8530, 23.2435,
11.5299)**

Conversions

Conversions Part 1

Format	Color
Hex	AC8FCE
RGB	172, 143, 206
RGB Percent	67%, 56%, 81%
CMY	0.3255, 0.4392, 0.1922
CMYK	0.17, 0.31, 0.00, 0.19
HSL	268°, 39%, 68%
HSV	268°, 31%, 81%
XYZ	37.9763, 32.8718, 62.7358
YIQ	158.8530, -2.9390, 25.7410

Conversions

Conversions Part 2

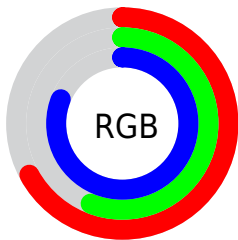
Format	Color
RYB	172, 143, 206
Decimal	11309006
CIELab	64.06, 23.19, -28.39
CIElCh	64, 36.663, 309.242
Yxy	32.8718, 0.2843, 0.2461
Android (android.graphics.Color)	4289499086 (0xFFAC8FCE)
YUV	158.8530, 23.2435, 11.5299
Hunter-Lab	57.3339, 17.8987, -24.7424

Details

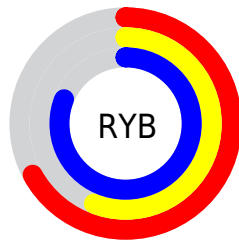
The YUV color **158.8530, 23.2435, 11.5299** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **190.1470, -23.2435, -11.5299**, and the grayscale version is **159.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **212.8810, 20.7647, 13.2594**, and **106.7990, 21.7911, 10.7003** is the 20% darker color. If you saturate the color by 10%, you get **143.2370, 30.9422, 15.5782**, and if you desaturate by 10%, it is **174.4690, 15.5448, 7.4817**.

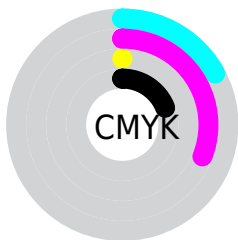
Distribution



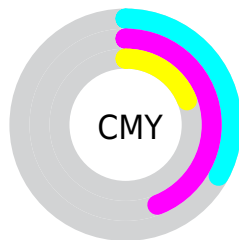
- Red (67%)
- Green (56%)
- Blue (81%)



- Red (67%)
- Yellow (56%)
- Blue (81%)



- Cyan (17%)
- Magenta (31%)
- Yellow (0%)
- Black (19%)



- Cyan (33%)
- Magenta (44%)
- Yellow (19%)

Brightness & Saturation Gradients

These gradients show how the YUV color 158.8530, 23.2435, 11.5299 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 158.8530, 23.2435, 11.5299 by changing the saturation by 10% instead.

■ 158.8530, 23.2435,
11.5299

■ 158.8530, 23.2435,
11.5299

■ 255.0000, 0.0000,
0.0000

■ 132.3260, 22.5173,
11.1151

■ 212.8810, 20.7647,
13.2594

■ 106.7990, 21.7911,
10.7003

■ 237.3900, 8.6817,
15.4440

■ 82.5600, 20.9229,
9.1559

■ 254.4130, 0.2894,
0.5148

■ 59.0330, 20.1967,
8.7411

■ 36.2070, 19.6179,
7.7115

■ 12.9190, 19.7599,
8.8410

■ 4.7080, 12.9620,

-4.1289

■ 0.2280, 0.8736,
-0.2000

■ 0.0000, 0.0000,
0.0000

■ 158.8530, 23.2435,
11.5299

■ 158.8530, 23.2435,
11.5299

■ 143.2370, 30.9422,
15.5782

■ 174.4690, 15.5448,
7.4817

■ 128.2080, 38.3515,
19.1116

■ 189.4980, 8.1355,
3.9483

■ 112.5920, 46.0501,
23.1598

■ 205.1140, 0.4368,
-0.1000

■ 97.5630, 53.4594,
26.6932

■ 220.1430, -6.9725,
-3.6334

81.6480, 61.3055,
30.1267

236.0580,
-14.8186, -7.0669

66.0320, 69.0042,
34.1749

244.6300,
-19.0446, -4.9375

51.8890, 75.9767,
37.8083

247.9190,
-20.6661, 1.8250

249.4140,
-21.4031, 4.8989

Harmonies

Analogous

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



153.0270, 32.5247, -25.4567



158.8530, 23.2435, 11.5299



159.4730, 9.6268, 39.0502

Triad

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



158.8530, 23.2435, 11.5299



154.4350, -29.7945, 36.4525



131.4240, 16.5530, -82.8098

Complementary

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



158.8530, 23.2435, 11.5299



190.1470, -23.2435, -11.5299

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.



142.2210, -5.5320, -45.7978



158.8530, 23.2435, 11.5299



152.3520, -30.7395, 12.8463

Square

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



158.8530, 23.2435, 11.5299



156.3410, -20.3811, 50.5669



147.7660, -22.0696, -14.7038



122.7210, 36.1265, -107.6263

Rectangle

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



158.8530, 23.2435, 11.5299



158.7920, -0.8835, 50.1714



147.7660, -22.0696, -14.7038



135.4490, 8.6526, -68.7998

Sweetspot

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



158.8530, 23.2435, 11.5299



237.9110, 8.4249, 4.4631



170.7270, 17.3896, -24.3166



116.8030, 5.5201, 2.8038



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.



158.8530, 23.2435, 11.5299



184.5730, 34.7205, 17.0375



168.1220, 18.6739, 30.5880



94.3360, 3.7784, 1.4593



41.6480, 61.3055, 30.1267



9.7140, 13.9450, 7.2668

Inverse Universe

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



165.7130, 5.5645, 35.3317



194.9200, 8.4204, 52.6902



180.8780, -18.6739, -30.5880



95.5600, 0.7099, 5.6479



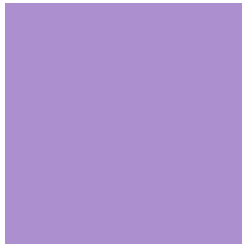
59.7800, 14.4055, 93.1549



13.7560, 3.5713, 21.2620

Previews

White Background



This preview shows how the YUV color 158.8530, 23.2435, 11.5299 looks on a white background.

Color Contrast Check

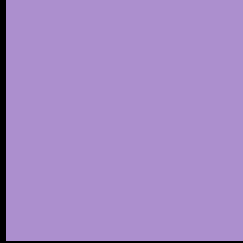
Large Text (above 18pt) WCAG AA × Fail

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 158.8530, 23.2435, 11.5299 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

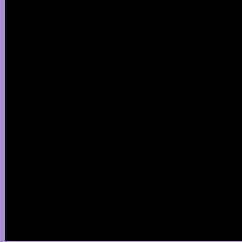
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

YUV 158.8530, 23.2435, 11.5299

Background



This preview shows how black text looks on a background with the YUV color 158.8530, 23.2435, 11.5299.



This preview shows how white text looks on a background with the YUV color 158.8530, 23.2435,

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

158.8530, 23.2435, 11.5299

Protanopia

155.1700, 29.0032, -15.9351

Deuteranopia

156.1230, 23.6034, -10.6319



Tritanopia

156.5540, 3.1779, 7.4071

Trichromacy



Original Color

158.8530, 23.2435, 11.5299

Protanomaly

156.3670, 26.9341, -5.5839

Deuteranomaly

156.8790, 23.7237, -2.5249

Tritanomaly

157.5140, 10.5926, 9.1962

Monochromacy



Original Color

158.8530, 23.2435, 11.5299

Achromatopsia

159.0000, 0.0000, 0.0000

Achromatomaly

158.9110, 8.4249, 4.4631

CSS Examples

Text

The CSS property to change the color of the text to YUV 158.8530, 23.2435, 11.5299 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(172, 143, 206)` looks like.

```
.text, #text, p{  
    color:rgb(172, 143, 206)  
}
```

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(172, 143, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 143, 206) }
```

Border

The CSS property to change the border of an element to YUV 158.8530, 23.2435, 11.5299 is called "border". The border property can be set on classes, ids or directly on the HTML element.

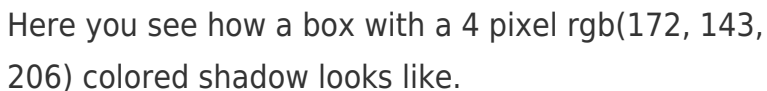
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(172, 143, 206) }
```


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

```
.border{ border-color:rgb(172, 143, 206) }
```

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



Here you see how a box with a 4 pixel `rgb(172, 143, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(172, 143, 206); -webkit-box-shadow:4px 4px 4px 4px rgb(172, 143, 206); box-shadow:4px 4px 4px 4px rgb(172, 143, 206) }
```

Background

The CSS property to change the background color of an element to YUV 158.8530, 23.2435, 11.5299 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 143, 206) }
```

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

```
.background{ background-color: rgb(172,  
143, 206) }
```

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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