

Converting Colors

YUV(85.1530, 62.5356,
102.4748)

Have a look what the booklet for
YUV(85.1530, 62.5356, 102.4748)
contains.

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Color

**YUV(85.1530, 62.5356,
102.4748)**

Conversions

Conversions Part 1

Format	Color
Hex	CA01D4
RGB	202, 1, 212
RGB Percent	79%, 0%, 83%
CMY	0.2078, 0.9961, 0.1686
CMYK	0.05, 1.00, 0.00, 0.17
HSL	297°, 99%, 42%
HSV	297°, 100%, 83%
XYZ	36.2516, 17.3317, 63.7220
YIQ	85.1530, 52.0650, 108.2330

Conversions

Conversions Part 2

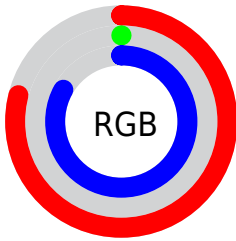
Format	Color
R_{YB}	202, 1, 212
Decimal	13238740
CIE _{Lab}	48.68, 83.83, -55.78
CIE _{LCh}	49, 100.694, 326.360
Yxy	17.3317, 0.3090, 0.1477
Android (android.graphics.Color)	4291428820 (0xFFCA01D4)
YUV	85.1530, 62.5356, 102.4748
Hunter-Lab	41.6314, 82.5787, -61.6088

Details

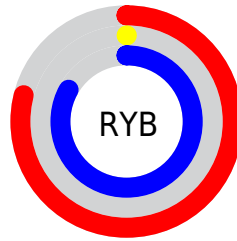
The YUV color **85.1530, 62.5356, 102.4748** is a dark color, and the websafe version is hex **CC00CC**. The color can be described as middle washed magenta. A complement of this color would be **127.8470, -62.5356, -102.4748**, and the grayscale version is **85.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **159.9060, 46.8813, 83.3974**, and **60.5410, 47.0613, 72.3165** is the 20% darker color. If you saturate the color by 10%, you get **84.5660, 62.8250, 102.9896**, and if you desaturate by 10%, it is **97.7790, 56.3110, 92.2788**.

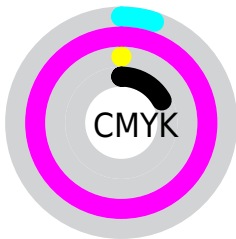
Distribution



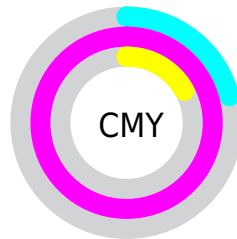
- Red (79%)
- Green (0%)
- Blue (83%)



- Red (79%)
- Yellow (0%)
- Blue (83%)



- Cyan (5%)
- Magenta (100%)
- Yellow (0%)
- Black (17%)



- Cyan (21%)
- Magenta (100%)
- Yellow (17%)

Brightness & Saturation Gradients

These gradients show how the YUV color 85.1530, 62.5356, 102.4748 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 85.1530, 62.5356, 102.4748 by changing the saturation by 10% instead.

85.1530, 62.5356,
102.4748

85.1530, 62.5356,
102.4748

255.0000, 0.0000,
0.0000

72.4040, 55.0168,
87.3457

159.9060, 46.8813,
83.3974

60.5410, 47.0613,
72.3165

178.1030, 37.9102,
67.4387

48.9060, 39.9793,
57.0874

195.7130, 29.2285,
51.9947

37.2710, 32.8974,
41.8583

213.3230, 20.5468,
36.5507

26.3480, 25.9574,
27.7588

230.9330, 11.8650,
21.1068

14.0440, 20.1913,
10.4854

249.1300, 2.8939,

4.8220, 13.3988,

5.1480

-4.2289

■ 0.4560, 1.7472,
-0.3999

■ 0.0000, 0.0000,
0.0000

■ 85.1530, 62.5356,
102.4748

■ 85.1530, 62.5356,
102.4748

■ 84.5660, 62.8250,
102.9896

■ 97.7790, 56.3110,
92.2788

■ 110.4050, 50.0863,
82.0828

■ 123.6180, 43.5723,
71.3720

■ 136.2440, 37.3477,
61.1760

■ 148.8700, 31.1231,
50.9800

■ 161.4960, 24.8985,
40.7840

■ 174.1220, 18.6739,
30.5880

■ 187.3350, 12.1598,
19.8772

■ 199.9610, 5.9352,
9.6812

Harmonies

Analogous

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



94.3700, 79.1906, -59.9605



85.1530, 62.5356, 102.4748



89.8690, 19.7846, 141.3119

Triad

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



85.1530, 62.5356, 102.4748



108.8330, -53.6547, 36.1035



108.5360, 40.1618, -95.1861

Complementary

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



85.1530, 62.5356, 102.4748



127.8470, -62.5356, -102.4748

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.



97.9170, 2.0129, -85.8732



85.1530, 62.5356, 102.4748



96.3210, -47.4863, -29.2225

Square

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



85.1530, 62.5356, 102.4748



100.3690, -49.4819, 97.9004



83.3540, -41.0935, -73.1015



114.7720, 69.1324, -100.6550

Rectangle

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



85.1530, 62.5356, 102.4748



84.7950, -4.8289, 149.2698



83.3540, -41.0935, -73.1015



105.3440, 27.9314, -92.3867

Sweetspot

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



85.1530, 62.5356, 102.4748



209.1920, 22.5833, 36.6656



31.5110, 88.9811, -26.7581



100.1010, 13.7542, 21.8364



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.



85.1530, 62.5356, 102.4748



101.7270, 75.5636, 123.8964



77.3130, 19.5657, 118.1205



100.5430, 3.1833, 5.6628



68.2310, 50.6651, 83.1124



17.1610, 12.7386, 20.9068

Inverse Universe

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



65.2290, -26.7349, 128.7182



77.6130, -32.3472, 155.5684



135.6870, -19.5657, -118.1205



99.4030, -1.1847, 6.6626



52.0410, -21.7122, 104.3270



13.0850, -5.4649, 26.2355

Previews

White Background



This preview shows how the YUV color 85.1530, 62.5356, 102.4748 looks on a white background.

Color Contrast Check

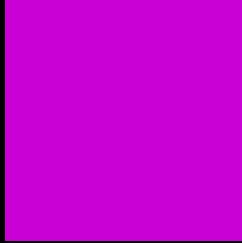
Large Text (above 18pt) WCAG AA ✓ Pass

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 85.1530, 62.5356, 102.4748 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

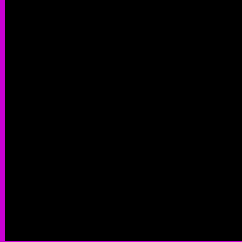
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 85.1530, 62.5356, 102.4748

Background



This preview shows how black text looks on a background with the YUV color 85.1530, 62.5356, 102.4748.



This preview shows how white text looks on a background with the YUV color 85.1530, 62.5356,

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

85.1530, 62.5356, 102.4748

Protanopia

93.5770, 71.6935, -82.0670

Deuteranopia

109.2940, 44.2251, -44.9848



Tritanopia

115.0790, -12.8569, 63.9517

Trichromacy



Original Color

85.1530, 62.5356, 102.4748



Protanomaly

90.1970, 68.4299, -15.0818



Deuteranomaly

100.1710, 51.1877, 8.6200



Tritanomaly

104.0940, 14.7437, 77.9706

Monochromacy



Original Color

85.1530, 62.5356, 102.4748



Achromatopsia

85.0000, 0.0000, 0.0000



Achromatomaly

84.9040, 22.7253, 37.7952

CSS Examples

Text

The CSS property to change the color of the text to YUV 85.1530, 62.5356, 102.4748 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(202, 1, 212)` looks like.

```
.text, #text, p{  
    color:rgb(202, 1, 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(202, 1, 212) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 1, 212) }
```

Border

The CSS property to change the border of an element to YUV 85.1530, 62.5356, 102.4748 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(202, 1, 212) }
```


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

```
.border{ border-color:rgb(202, 1, 212) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 1, 212)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 1, 212); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 1, 212);  
box-shadow:4px 4px 4px 4px rgb(202, 1,  
212) }
```

Background

The CSS property to change the background color of an element to YUV 85.1530, 62.5356, 102.4748 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 1, 212) }
```

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

```
.background{ background-color: rgb(202, 1,  
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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