

Converting Colors

YUV(85.4870, 12.0849, 90.7809)

Have a look what the booklet for
YUV(85.4870, 12.0849, 90.7809)
contains.

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Color

**YUV(85.4870, 12.0849,
90.7809)**

Conversions

Conversions Part 1

Format	Color
Hex	BD1C6E
RGB	189, 28, 110
RGB Percent	74%, 11%, 43%
CMY	0.2588, 0.8902, 0.5686
CMYK	0.00, 0.85, 0.42, 0.26
HSL	329°, 74%, 43%
HSV	329°, 85%, 74%
XYZ	24.2160, 12.7751, 15.9414
YIQ	85.4870, 69.6340, 59.6340

Conversions

Conversions Part 2

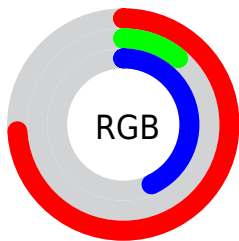
Format	Color
R_{YB}	189, 28, 110
Decimal	12393582
CIE _{Lab}	42.42, 65.15, -4.68
CIE _{LCh}	42, 65.322, 355.889
Yxy	12.7751, 0.4575, 0.2413
Android (android.graphics.Color)	4290583662 (0xFFBD1C6E)
YUV	85.4870, 12.0849, 90.7809
Hunter-Lab	35.7423, 58.3877, -1.4242

Details

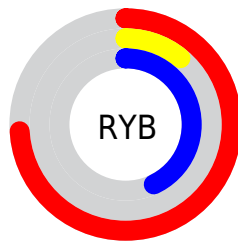
The YUV color **85.4870, 12.0849, 90.7809** is a dark color, and the websafe version is hex **CC0066**. A complement of this color would be **131.5130, -12.0849, -90.7809**, and the grayscale version is **85.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **148.2820, 6.2700, 89.2067**, and **46.0520, 8.3554, 73.6224** is the 20% darker color. If you saturate the color by 10%, you get **73.3080, 13.6522, 101.4619**, and if you desaturate by 10%, it is **97.6660, 10.5177, 80.0999**.

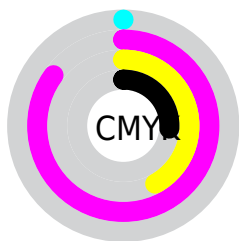
Distribution



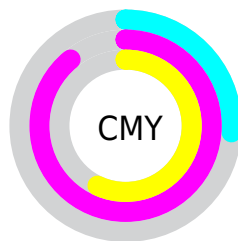
- Red (74%)
- Green (11%)
- Blue (43%)



- Red (74%)
- Yellow (11%)
- Blue (43%)



- Cyan (0%)
- Magenta (85%)
- Yellow (42%)
- Black (26%)



- Cyan (26%)
- Magenta (89%)
- Yellow (57%)

Brightness & Saturation Gradients

These gradients show how the YUV color 85.4870, 12.0849, 90.7809 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 85.4870, 12.0849, 90.7809 by changing the saturation by 10% instead.

85.4870, 12.0849,
90.7809

85.4870, 12.0849,
90.7809

255.0000, 0.0000,
0.0000

57.3450, 14.1269,
89.1514

148.2820, 6.2700,
89.2067

46.0520, 8.3554,
73.6224

169.8780, 8.9341,
74.6520

34.8730, 3.0206,
57.9934

190.0930, 12.7722,
56.9234

24.2210, -1.5880,
42.7792

209.8350, 17.3363,
39.6097

13.2700, -6.0491,
26.9502

228.5850, 13.0226,
23.1660

0.0000, 0.0000,
0.0000

245.6080, 4.6303,

■ 85.4870, 12.0849,
90.7809

■ 85.4870, 12.0849,
90.7809

■ 73.3080, 13.6522,
101.4619

■ 97.6660, 10.5177,
80.0999

■ 67.4550, 14.0727,
106.5950

■ 109.9590, 9.3872,
69.3190

■ 122.1380, 7.8200,
58.6380

■ 134.3170, 6.2527,
47.9570

■ 146.4960, 4.6855,
37.2760

■ 158.2020, 3.8444,
27.0098

■ 170.3810, 2.2772,
16.3289

■ 182.5600, 0.7099,
5.6479

■ 194.7390, -0.8573,
-5.0331

Harmonies

Analogous

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



99.7450, 30.6917, 49.3356



85.4870, 12.0849, 90.7809



86.7880, -14.6855, 90.5169

Triad

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



85.4870, 12.0849, 90.7809



87.8810, -43.3253, -10.4196



92.1000, 48.2647, -80.7717

Complementary

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



85.4870, 12.0849, 90.7809



131.5130, -12.0849, -90.7809

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.



88.8450, 28.1774, -77.9171



85.4870, 12.0849, 90.7809



73.6150, -20.0232, -64.5604

Square

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



85.4870, 12.0849, 90.7809



94.0370, -46.3602, 29.7856



82.5750, 4.1535, -72.4183



87.8090, 59.7472, -77.0085

Rectangle

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



85.4870, 12.0849, 90.7809



91.1240, -34.5711, 75.3133



82.5750, 4.1535, -72.4183



91.7920, 42.0075, -80.5016

Sweetspot

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



85.4870, 12.0849, 90.7809



203.8980, 4.9803, 36.0465



69.6760, 58.8267, 31.8561



97.6420, 3.1345, 21.3620



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000

Same Dimension

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



85.4870, 12.0849, 90.7809



87.5050, 18.4850, 138.1231



76.4810, -22.4221, 98.6792



88.2610, 0.8573, 5.0331



56.4760, 12.0903, 89.0365



11.0930, 2.4192, 17.4584

Inverse Universe

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



85.4870, 12.0849, 90.7809



87.5050, 18.4850, 138.1231



140.5190, 22.4221, -98.6792



88.2610, 0.8573, 5.0331



56.4760, 12.0903, 89.0365



11.0930, 2.4192, 17.4584

Previews

White Background



This preview shows how the YUV color 85.4870, 12.0849, 90.7809 looks on a white background.

Color Contrast Check

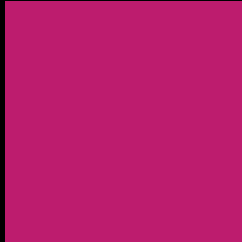
Large Text (above 18pt) WCAG AA ✓ Pass

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 85.4870, 12.0849, 90.7809 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

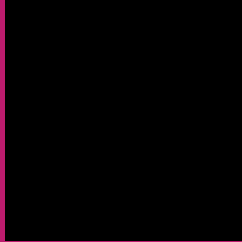
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 85.4870, 12.0849, 90.7809

Background



This preview shows how black text looks on a background with the YUV color 85.4870, 12.0849, 90.7809.



This preview shows how white text looks on a background with the YUV color 85.4870, 12.0849,

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

85.4870, 12.0849, 90.7809

Protanopia

100.9590, 25.6562, -15.7500

Deuteranopia

102.3430, -0.1691, 7.5922



Tritanopia

90.1910, -19.3212, 84.0245

Trichromacy



Original Color

85.4870, 12.0849, 90.7809

Protanomaly

95.5340, 20.4427, 23.2107

Deuteranomaly

96.3820, 4.2487, 37.3760

Tritanomaly

88.1880, -7.9807, 86.6581

Monochromacy



Original Color

85.4870, 12.0849, 90.7809

Achromatopsia

85.0000, 0.0000, 0.0000

Achromatomaly

85.0610, 4.4069, 33.2725

CSS Examples

Text

The CSS property to change the color of the text to YUV 85.4870, 12.0849, 90.7809 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(189, 28, 110)` looks like.

```
.text, #text, p{  
    color:rgb(189, 28, 110)  
}
```

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(189, 28, 110) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 28, 110) }
```

Border

The CSS property to change the border of an element to YUV 85.4870, 12.0849, 90.7809 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(189, 28, 110) }
```


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

```
.border{ border-color:rgb(189, 28, 110) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 28, 110)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 28, 110); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 28, 110);  
box-shadow:4px 4px 4px 4px rgb(189, 28,  
110) }
```

Background

The CSS property to change the background color of an element to YUV 85.4870, 12.0849, 90.7809 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 28, 110) }
```

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

```
.background{ background-color: rgb(189, 28,  
110) }
```

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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