

Converting Colors

YUV(86.5730, 15.0005, 88.9515)

Have a look what the booklet for
YUV(86.5730, 15.0005, 88.9515)
contains.

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Color

**YUV(86.5730, 15.0005,
88.9515)**

Conversions

Conversions Part 1

Format	Color
Hex	BC1D75
RGB	188, 29, 117
RGB Percent	74%, 11%, 46%
CMY	0.2627, 0.8863, 0.5412
CMYK	0.00, 0.85, 0.38, 0.26
HSL	327°, 73%, 43%
HSV	327°, 85%, 74%
XYZ	24.3893, 12.8545, 18.0253
YIQ	86.5730, 66.5160, 61.0760

Conversions

Conversions Part 2

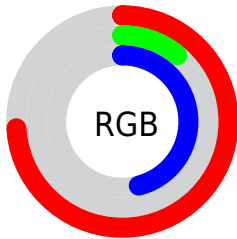
Format	Color
R_{YB}	188, 29, 117
Decimal	12328309
CIE _{Lab}	42.54, 65.39, -8.88
CIE _{LCh}	43, 65.988, 352.265
Yxy	12.8545, 0.4413, 0.2326
Android (android.graphics.Color)	4290518389 (0xFFBC1D75)
YUV	86.5730, 15.0005, 88.9515
Hunter-Lab	35.8531, 58.6828, -4.7112

Details

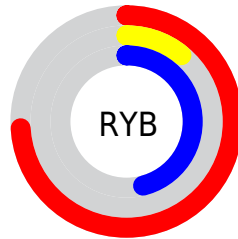
The YUV color **86.5730, 15.0005, 88.9515** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **130.4270, -15.0005, -88.9515**, and the grayscale version is **86.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **149.1830, 9.7698, 86.6625**, and **46.4370, 11.1236, 72.4078** is the 20% darker color. If you saturate the color by 10%, you get **74.5080, 17.0046, 99.5325**, and if you desaturate by 10%, it is **98.6380, 12.9965, 78.3705**.

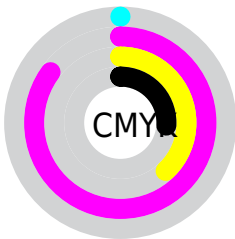
Distribution



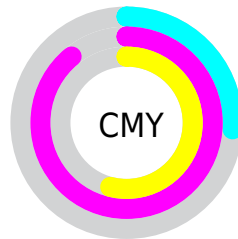
- Red (74%)
- Green (11%)
- Blue (46%)



- Red (74%)
- Yellow (11%)
- Blue (46%)



- Cyan (0%)
- Magenta (85%)
- Yellow (38%)
- Black (26%)





- Cyan (26%)
- Magenta (89%)
- Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the YUV color 86.5730, 15.0005, 88.9515 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 86.5730, 15.0005, 88.9515 by changing the saturation by 10% instead.


 86.5730, 15.0005,
88.9515


 86.5730, 15.0005,
88.9515


255.0000, 0.0000,
0.0000


 57.7300, 16.8951,
87.9368


 149.1830, 9.7698,
86.6625


 46.4370, 11.1236,
72.4078


 171.3770, 12.1391,
73.3374


 35.2580, 5.7888,
56.7787

 191.0050, 16.2665,
56.1236

 24.7910, 0.5960,
42.2793

 211.3340, 20.5413,
38.2951

 13.5690, -6.1965,
27.5650

 228.5850, 13.0226,
23.1660

 0.0000, 0.0000,
0.0000

 246.1950, 4.3409,

7.7220

■ 86.5730, 15.0005,
88.9515

■ 86.5730, 15.0005,
88.9515

■ 74.5080, 17.0046,
99.5325

■ 98.6380, 12.9965,
78.3705

■ 68.0680, 17.7145,
105.1804

■ 110.8170, 11.4292,
67.6895

■ 122.2950, 9.7146,
57.6233

■ 134.4740, 8.1473,
46.9423

■ 146.5390, 6.1433,
36.3613

■ 158.6040, 4.1392,
25.7803

■ 170.7830, 2.5720,
15.0993

■ 182.2610, 0.8573,
5.0331

■ 194.4400, -0.7099,
-5.6479

Harmonies

Analogous

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



100.9830, 33.0394, 42.9879



86.5730, 15.0005, 88.9515



85.4340, -11.0600, 94.3354

Triad

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



86.5730, 15.0005, 88.9515



89.6860, -44.2152, -4.9866



92.3450, 46.6649, -80.9866

Complementary

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



86.5730, 15.0005, 88.9515



130.4270, -15.0005, -88.9515

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.



88.7480, 25.2672, -77.8320



86.5730, 15.0005, 88.9515



72.5890, -23.9544, -63.6606

Square

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



86.5730, 15.0005, 88.9515



94.6570, -46.6659, 34.5038



81.7770, 1.0959, -71.7184



89.6840, 59.3158, -78.6529

Rectangle

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



86.5730, 15.0005, 88.9515



90.7700, -30.9456, 79.1317



81.7770, 1.0959, -71.7184



91.9230, 39.9710, -80.6165

Sweetspot

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



86.5730, 15.0005, 88.9515



206.0010, 5.4225, 34.2021



67.7570, 59.2798, 26.5231



99.0440, 3.4293, 20.1324



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.



86.5730, 15.0005, 88.9515



88.6450, 22.8530, 137.1233



77.7950, -18.6329, 96.6498



88.2610, 0.8573, 5.0331



57.2740, 15.1479, 88.3367



11.2070, 2.8559, 17.3585

Inverse Universe

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



86.5730, 15.0005, 88.9515



88.6450, 22.8530, 137.1233



139.2050, 18.6329, -96.6498



88.2610, 0.8573, 5.0331



57.2740, 15.1479, 88.3367



11.2070, 2.8559, 17.3585

Previews

White Background



This preview shows how the YUV color 86.5730, 15.0005, 88.9515 looks on a white background.

Color Contrast Check

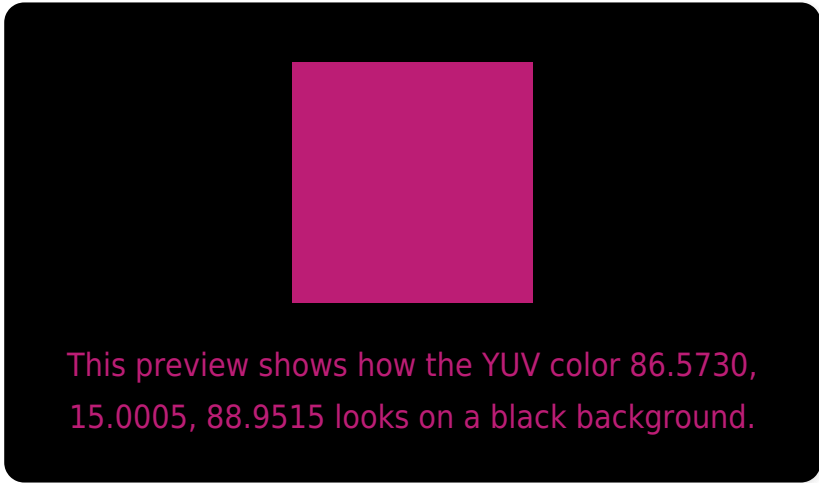
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

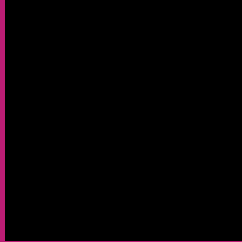
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 86.5730, 15.0005, 88.9515

Background



This preview shows how black text looks on a background with the YUV color 86.5730, 15.0005, 88.9515.



This preview shows how white text looks on a background with the YUV color 86.5730, 15.0005,

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

86.5730, 15.0005, 88.9515

Protanopia

100.4900, 30.3244, -19.7237

Deuteranopia

102.8310, 3.0413, 4.5332



Tritanopia

91.6960, -18.5841, 80.9506

Trichromacy



Original Color

86.5730, 15.0005, 88.9515

Protanomaly

95.3640, 24.9635, 19.8518

Deuteranomaly

97.1690, 7.3117, 34.9318

Tritanomaly

89.9210, -6.3701, 83.3843

Monochromacy



Original Color

86.5730, 15.0005, 88.9515

Achromatopsia

87.0000, 0.0000, 0.0000

Achromatomaly

86.9900, 5.4279, 32.4578

CSS Examples

Text

The CSS property to change the color of the text to YUV 86.5730, 15.0005, 88.9515 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(188, 29, 117)` looks like.

```
.text, #text, p{  
    color:rgb(188, 29, 117)  
}
```

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(188, 29, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 29, 117) }
```

Border

The CSS property to change the border of an element to YUV 86.5730, 15.0005, 88.9515 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(188, 29, 117) }
```


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

```
.border{ border-color:rgb(188, 29, 117) }
```

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

Here you see how a box with a 4 pixel rgb(188, 29, 117) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 29, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 29, 117);  
box-shadow:4px 4px 4px 4px rgb(188, 29,  
117) }
```

Background

The CSS property to change the background color of an element to YUV 86.5730, 15.0005, 88.9515 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 29, 117) }
```

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

```
.background{ background-color: rgb(188, 29,  
117) }
```

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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