

Converting Colors

YUV(73.8430, 2.0494, 89.5917)

Have a look what the booklet for
YUV(73.8430, 2.0494, 89.5917)
contains.

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Color

**YUV(73.8430, 2.0494,
89.5917)**

Conversions

Conversions Part 1

Format	Color
Hex	B0154E
RGB	176, 21, 78
RGB Percent	69%, 8%, 31%
CMY	0.3098, 0.9176, 0.6941
CMYK	0.00, 0.88, 0.56, 0.31
HSL	338°, 79%, 39%
HSV	338°, 88%, 69%
XYZ	19.5478, 10.3165, 8.1687
YIQ	73.8430, 74.0830, 50.5870

Conversions

Conversions Part 2

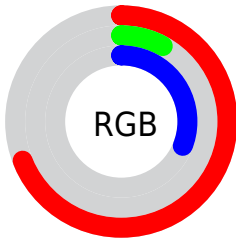
Format	Color
R_{YB}	176, 21, 78
Decimal	11539790
CIE _{Lab}	38.40, 60.63, 9.45
CIE _{LCh}	38, 61.366, 8.858
Yxy	10.3165, 0.5140, 0.2713
Android (android.graphics.Color)	4289729870 (0xFFB0154E)
YUV	73.8430, 2.0494, 89.5917
Hunter-Lab	32.1193, 52.4263, 7.4046

Details

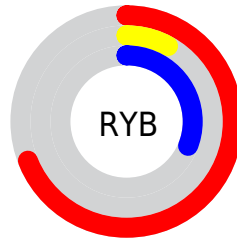
The YUV color **73.8430, 2.0494, 89.5917** is a dark color, and the websafe version is hex **CC3366**. A complement of this color would be **123.1570, -2.0494, -89.5917**, and the grayscale version is **74.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **136.4100, -4.6391, 88.2174**, and **38.5600, -2.2481, 67.9149** is the 20% darker color. If you saturate the color by 10%, you get **62.0230, 2.4537, 99.9578**, and if you desaturate by 10%, it is **85.6630, 1.6451, 79.2255**.

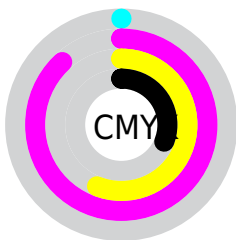
Distribution



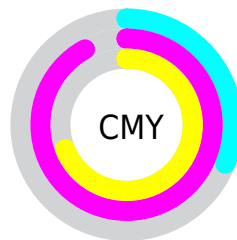
- Red (69%)
- Green (8%)
- Blue (31%)



- Red (69%)
- Yellow (8%)
- Blue (31%)



- Cyan (0%)
- Magenta (88%)
- Yellow (56%)
- Black (31%)




- Cyan (31%)
- Magenta (92%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YUV color 73.8430, 2.0494, 89.5917 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 73.8430, 2.0494, 89.5917 by changing the saturation by 10% instead.


 73.8430, 2.0494,
89.5917

 73.8430, 2.0494,
89.5917


255.0000, 0.0000,
0.0000


 49.9240, 2.5025,
84.2587


 136.4100, -4.6391,
88.2174

 38.5600, -2.2481,
67.9149


 161.7790, -4.3280,
81.7548


 27.3810, -7.5828,
52.2859

 181.1790, -1.0742,
64.7410

 18.2820, -7.5340,
36.5867

 200.8070, 3.0531,
47.5273

 6.8770, -3.3904,
14.1399

 221.0220, 6.8912,
29.7987

 0.0000, 0.0000,
0.0000

 240.9120, 6.9454,

12.3552

■ 73.8430, 2.0494,
89.5917

■ 73.8430, 2.0494,
89.5917

■ 62.0230, 2.4537,
99.9578

■ 85.6630, 1.6451,
79.2255

■ 60.0340, 2.4482,
101.7022

■ 96.8960, 1.5303,
69.3742

■ 108.7160, 1.1260,
59.0081

■ 120.0630, 1.4479,
49.0567

■ 131.8830, 1.0437,
38.6906

■ 143.7030, 0.6394,
28.3245

■ 154.9360, 0.5246,
18.4731

■ 166.7560, 0.1203,
8.1070

■ 177.9890, 0.0054,
-1.7444

Harmonies

Analogous

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



84.3250, 21.0388, 65.4900



73.8430, 2.0494, 89.5917



80.9420, -25.1144, 75.4729

Triad

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



73.8430, 2.0494, 89.5917



72.7090, -35.8455, -29.5628



82.6110, 49.9848, -72.4498

Complementary

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



73.8430, 2.0494, 89.5917



123.1570, -2.0494, -89.5917

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.



82.4850, 34.2709, -72.3393



73.8430, 2.0494, 89.5917



70.4980, -9.1195, -61.8267

Square

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



73.8430, 2.0494, 89.5917



83.5940, -41.2118, 11.7571



77.6000, 13.0152, -68.0552



75.6640, 56.3676, -66.3573

Rectangle

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



73.8430, 2.0494, 89.5917



83.2930, -41.0634, 57.6250



77.6000, 13.0152, -68.0552



83.4600, 45.6222, -73.1944

Sweetspot

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



73.8430, 2.0494, 89.5917



190.4480, 0.7651, 34.6871



67.3740, 53.5526, 43.5220



91.2460, 0.3717, 20.8323



242.0000, 0.0000, 0.0000



115.0000, 0.0000, 0.0000

Same Dimension

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



73.8430, 2.0494, 89.5917



78.3460, 2.7874, 133.0006



77.9110, -28.0571, 86.0241



83.1470, 0.4205, 5.1331



52.1310, 1.9074, 88.4621



8.8000, 0.0986, 15.0844

Inverse Universe

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



73.8430, 2.0494, 89.5917



78.3460, 2.7874, 133.0006



119.0890, 28.0571, -86.0241



83.1470, 0.4205, 5.1331



52.1310, 1.9074, 88.4621



8.8000, 0.0986, 15.0844

Previews

White Background



This preview shows how the YUV color 73.8430, 2.0494, 89.5917 looks on a white background.

Color Contrast Check

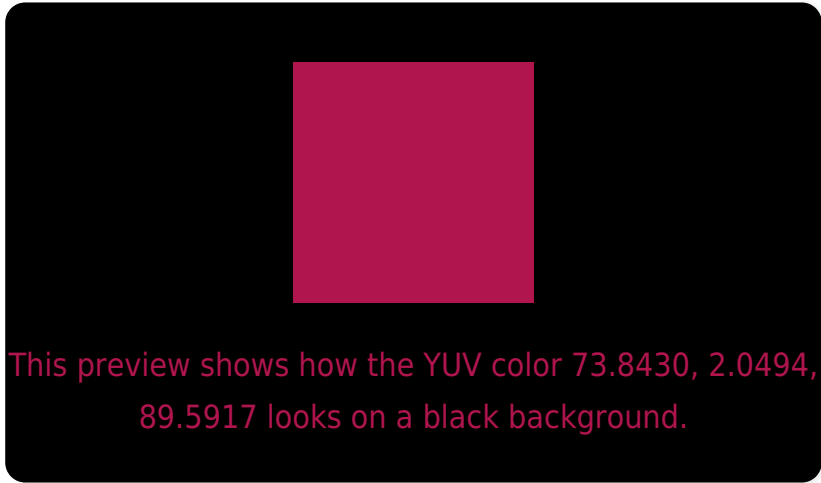
Large Text (above 18pt) WCAG AA ✓ Pass

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 73.8430, 2.0494, 89.5917

Background



This preview shows how black text looks on a background with the YUV color 73.8430, 2.0494, 89.5917.



This preview shows how white text looks on a background with the YUV color 73.8430, 2.0494, 89.5917.

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

73.8430, 2.0494, 89.5917

Protanopia

92.3830, 9.1782, -3.8439

Deuteranopia

92.0420, -10.3737, 13.9952



Tritanopia

77.2620, -20.3422, 84.8392

Trichromacy



Original Color

73.8430, 2.0494, 89.5917

Protanomaly

85.9080, 6.4544, 29.8987

Deuteranomaly

85.7710, -5.8031, 41.4198

Tritanomaly

76.3360, -12.4906, 86.5283

Monochromacy



Original Color

73.8430, 2.0494, 89.5917

Achromatopsia

74.0000, 0.0000, 0.0000

Achromatomaly

74.0240, 0.4812, 32.4280

CSS Examples

Text

The CSS property to change the color of the text to YUV 73.8430, 2.0494, 89.5917 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(176, 21, 78)` looks like.

```
.text, #text, p{  
    color:rgb(176, 21, 78)  
}
```

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(176, 21, 78) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 21, 78) }
```

Border

The CSS property to change the border of an element to YUV 73.8430, 2.0494, 89.5917 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(176, 21, 78) }
```


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

```
.border{ border-color:rgb(176, 21, 78) }
```

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

Here you see how a box with a 4 pixel rgb(176, 21, 78) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 21, 78); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 21, 78);  
box-shadow:4px 4px 4px 4px rgb(176, 21,  
78) }
```

Background

The CSS property to change the background color of an element to YUV 73.8430, 2.0494, 89.5917 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 21, 78) }
```

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

```
.background{ background-color: rgb(176, 21,  
78) }
```

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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