

Converting Colors

YUV(89.8540, 18.8060, 81.6890)

Have a look what the booklet for
YUV(89.8540, 18.8060, 81.6890)
contains.

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Color

**YUV(89.8540, 18.8060,
81.6890)**

Conversions

Conversions Part 1

Format	Color
Hex	B72380
RGB	183, 35, 128
RGB Percent	72%, 14%, 50%
CMY	0.2824, 0.8627, 0.4980
CMYK	0.00, 0.81, 0.30, 0.28
HSL	322°, 68%, 43%
HSV	322°, 81%, 72%
XYZ	24.0258, 12.8279, 21.6318
YIQ	89.8540, 58.3550, 60.2990

Conversions

Conversions Part 2

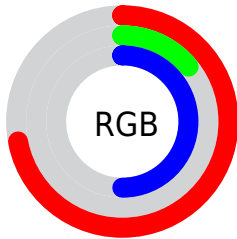
Format	Color
R_{YB}	183, 35, 128
Decimal	12002176
CIE _{Lab}	42.50, 63.98, -15.83
CIE _{LCh}	43, 65.906, 346.098
Yxy	12.8279, 0.4108, 0.2193
Android (android.graphics.Color)	4290192256 (0xFFB72380)
YUV	89.8540, 18.8060, 81.6890
Hunter-Lab	35.8160, 57.0617, -10.7382

Details

The YUV color **89.8540, 18.8060, 81.6890** is a dark color, and the websafe version is hex **CC3399**. A complement of this color would be **128.1460, -18.8060, -81.6890**, and the grayscale version is **90.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **150.8170, 14.8802, 80.8445**, and **46.3810, 16.0812, 68.9489** is the 20% darker color. If you saturate the color by 10%, you get **78.4900, 20.9574, 91.6553**, and if you desaturate by 10%, it is **101.2180, 16.6545, 71.7228**.

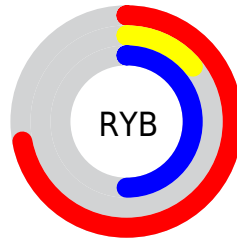
Distribution



Red (72%)

Green (14%)

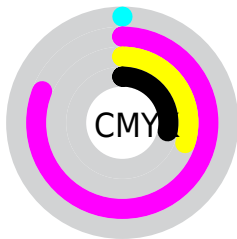
Blue (50%)



Red (72%)

Yellow (14%)

Blue (50%)

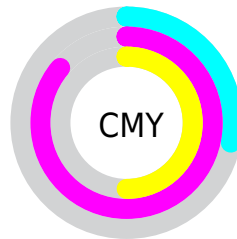


Cyan (0%)

Magenta (81%)

Yellow (30%)

Black (28%)



Cyan (28%)


Magenta (86%)


Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the YUV color 89.8540, 18.8060, 81.6890 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 89.8540, 18.8060, 81.6890 by changing the saturation by 10% instead.


 89.8540, 18.8060,
81.6890


 89.8540, 18.8060,
81.6890


255.0000, 0.0000,
0.0000


 57.7880, 22.2895,
84.3779

 150.8170, 14.8802,
80.8445


 46.3810, 16.0812,
68.9489


 173.9190, 16.8019,
71.1080


 35.3870, 10.1622,
54.0346

 194.2480, 21.0767,
53.2795

 24.8060, 4.5326,
39.6351

 212.7360, 20.8362,
37.0655

 13.7690, -2.8441,
25.6356

 229.7590, 12.4438,
22.1364

 0.0000, 0.0000,
0.0000

 247.3690, 3.7621,

6.6924

■ 89.8540, 18.8060,
81.6890

■ 89.8540, 18.8060,
81.6890

■ 78.4900, 20.9574,
91.6553

■ 101.2180, 16.6545,
71.7228

■ 67.8270, 23.2563,
101.0067

■ 113.1690, 14.2137,
61.2418

■ 124.4190, 11.6254,
51.3755

■ 135.7830, 9.4740,
41.4093

■ 147.7340, 7.0331,
30.9283

■ 159.0980, 4.8817,
20.9621

■ 170.4620, 2.7302,
10.9958

■ 181.7120, 0.1420,
1.1296

■ 193.6630, -2.2989,
-9.3515

Harmonies

Analogous

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



101.6440, 37.1505, 31.0072



89.8540, 18.8060, 81.6890



83.4650, -4.6662, 96.9392

Triad

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



89.8540, 18.8060, 81.6890



91.2140, -44.9685, 3.3203



91.9060, 42.4443, -80.6016

Complementary

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



89.8540, 18.8060, 81.6890



128.1460, -18.8060, -81.6890

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.



87.4940, 20.4625, -76.7322



89.8540, 18.8060, 81.6890



71.9400, -33.0014, -55.1984

Square

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



89.8540, 18.8060, 81.6890



95.0000, -46.8350, 42.0960



79.8220, -3.8562, -70.0039



90.5160, 57.4266, -79.3825

Rectangle

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



89.8540, 18.8060, 81.6890



89.4100, -24.8521, 84.7094



79.8220, -3.8562, -70.0039



90.8970, 36.0398, -79.7167

Sweetspot

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



89.8540, 18.8060, 81.6890



201.1470, 7.3225, 31.4431



68.0180, 56.6861, 18.4012



97.9730, 4.4503, 19.3177



247.0000, 0.0000, 0.0000



120.0000, 0.0000, 0.0000

Same Dimension

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



89.8540, 18.8060, 81.6890



92.3000, 29.4321, 126.9019



81.5320, -13.0803, 88.9874



86.2610, 0.8573, 5.0331



57.8160, 19.8107, 86.1074



10.4240, 3.7350, 15.4142

Inverse Universe

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



89.8540, 18.8060, 81.6890



92.3000, 29.4321, 126.9019



136.4680, 13.0803, -88.9874



86.2610, 0.8573, 5.0331



57.8160, 19.8107, 86.1074



10.4240, 3.7350, 15.4142

Previews

White Background



This preview shows how the YUV color 89.8540, 18.8060, 81.6890 looks on a white background.

Color Contrast Check

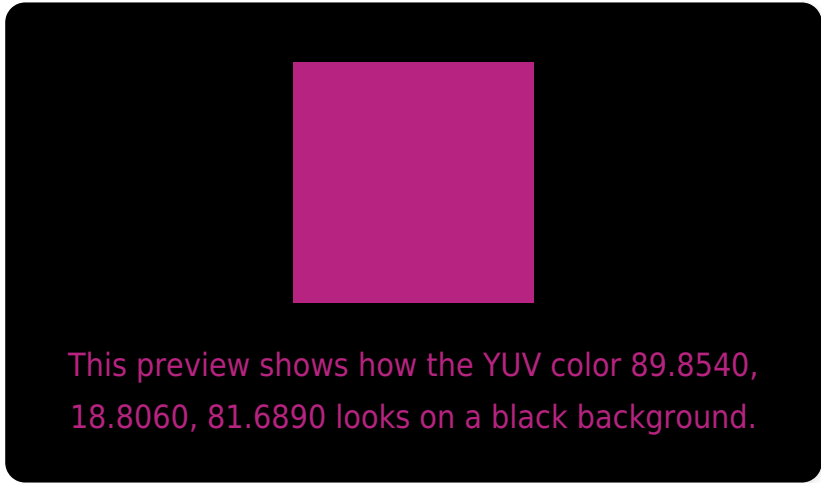
Large Text (above 18pt) WCAG AA ✓ Pass

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

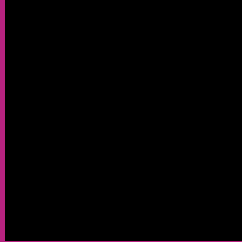
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 89.8540, 18.8060, 81.6890

Background



This preview shows how black text looks on a background with the YUV color 89.8540, 18.8060, 81.6890.



This preview shows how white text looks on a background with the YUV color 89.8540, 18.8060,

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

89.8540, 18.8060, 81.6890

Protanopia

98.5800, 37.1821, -25.9417

Deuteranopia

102.2910, 8.7305, -0.2552



Tritanopia

94.3360, -15.9416, 73.3733

Trichromacy



Original Color

89.8540, 18.8060, 81.6890

Protanomaly

95.4000, 30.3688, 12.8042

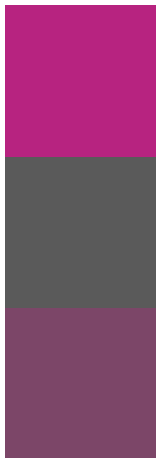
Deuteranomaly

97.8030, 12.4221, 29.1138

Tritanomaly

92.9740, -3.4382, 76.3218

Monochromacy



Original Color

89.8540, 18.8060, 81.6890

Achromatopsia

90.0000, 0.0000, 0.0000

Achromatomaly

90.0220, 6.8912, 29.7987

CSS Examples

Text

The CSS property to change the color of the text to YUV 89.8540, 18.8060, 81.6890 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(183, 35, 128)` looks like.

```
.text, #text, p{  
  color:rgb(183, 35, 128)  
}
```

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(183, 35, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 35, 128) }
```

Border

The CSS property to change the border of an element to YUV 89.8540, 18.8060, 81.6890 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(183, 35, 128) }
```


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

```
.border{ border-color:rgb(183, 35, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 35, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(183, 35, 128); -webkit-box-shadow:4px 4px 4px 4px rgb(183, 35, 128); box-shadow:4px 4px 4px 4px rgb(183, 35, 128) }
```

Background

The CSS property to change the background color of an element to YUV 89.8540, 18.8060, 81.6890 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 35, 128) }
```

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

```
.background{ background-color: rgb(183, 35,  
128) }
```

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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