

Converting Colors

YUV(85.8110, -2.8648, 79.0958)

Have a look what the booklet for
YUV(85.8110, -2.8648, 79.0958)
contains.

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Color

**YUV(85.8110, -2.8648,
79.0958)**

Conversions

Conversions Part 1

Format	Color
Hex	B02950
RGB	176, 41, 80
RGB Percent	69%, 16%, 31%
CMY	0.3098, 0.8392, 0.6863
CMYK	0.00, 0.77, 0.55, 0.31
HSL	343°, 62%, 43%
HSV	343°, 77%, 69%
XYZ	20.1454, 11.3952, 8.7271
YIQ	85.8110, 67.9410, 40.7490

Conversions

Conversions Part 2

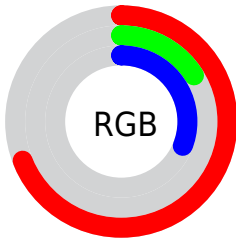
Format	Color
R_{YB}	176, 41, 80
Decimal	11544912
CIE Lab	40.24, 55.71, 10.73
CIE LCh	40, 56.732, 10.903
Yxy	11.3952, 0.5003, 0.2830
Android (android.graphics.Color)	4289734992 (0xFFB02950)
YUV	85.8110, -2.8648, 79.0958
Hunter-Lab	33.7567, 47.4513, 8.3015

Details

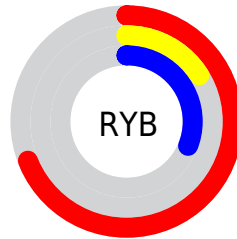
The YUV color **85.8110, -2.8648, 79.0958** is a dark color, and the websafe version is hex **CC3366**. A complement of this color would be **131.1890, 2.8648, -79.0958**, and the grayscale version is **86.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **143.6820, -7.2382, 81.8399**, and **39.0870, -1.5219, 68.3297** is the 20% darker color. If you saturate the color by 10%, you get **73.7630, -3.3342, 89.6618**, and if you desaturate by 10%, it is **97.8590, -2.3955, 68.5297**.

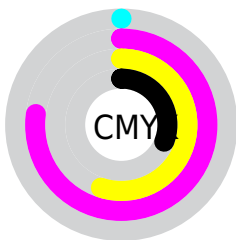
Distribution



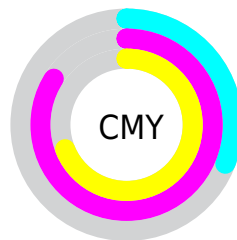
- Red (69%)
- Green (16%)
- Blue (31%)



- Red (69%)
- Yellow (16%)
- Blue (31%)



- Cyan (0%)
- Magenta (77%)
- Yellow (55%)
- Black (31%)



- Cyan (31%)
- Magenta (84%)
- Yellow (69%)

Brightness & Saturation Gradients

These gradients show how the YUV color 85.8110, -2.8648, 79.0958 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 85.8110, -2.8648, 79.0958 by changing the saturation by 10% instead.

■ 85.8110, -2.8648,
79.0958

■ 85.8110, -2.8648,
79.0958

255.0000, 0.0000,
0.0000

■ 50.1520, 3.3761,
84.0587

■ 143.6820, -7.2382,
81.8399

■ 39.0870, -1.5219,
68.3297

■ 167.8770, -6.3484,
76.4069

■ 28.0220, -6.4198,
52.6007

■ 187.3910, -2.6578,
59.2931

■ 18.8800, -7.8288,
37.8162

■ 207.4920, 0.7434,
41.6645

■ 8.1870, -3.5432,
16.4990

■ 227.1200, 4.8708,
24.4508

■ 0.0000, 0.0000,
0.0000

■ 246.7820, 4.0515,

■ 85.8110, -2.8648,
79.0958

■ 85.8110, -2.8648,
79.0958

■ 73.7630, -3.3342,
89.6618

■ 97.8590, -2.3955,
68.5297

■ 62.4160, -3.6561,
99.6132

■ 109.2060, -2.0736,
58.5783

■ 58.4380, -3.6669,
103.1019

■ 121.2540, -1.6042,
48.0122

■ 132.6010, -1.2823,
38.0609

■ 144.6490, -0.8130,
27.4948

■ 156.5830, -0.7804,
17.0287

■ 168.0440, -0.0217,
6.9774

■ 179.9780, 0.0108,
-3.4887

■ 191.4390, 0.7696,
-13.5400

Harmonies

Analogous

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



92.1520, 16.6871, 61.2567



85.8110, -2.8648, 79.0958



88.3710, -25.8189, 68.0806

Triad

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



85.8110, -2.8648, 79.0958



78.2900, -33.6670, -28.3183



84.2580, 48.6798, -73.8943

Complementary

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



85.8110, -2.8648, 79.0958



131.1890, 2.8648, -79.0958

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.



84.5880, 34.7131, -74.1837



85.8110, -2.8648, 79.0958



73.9860, -5.9091, -64.8857

Square

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



85.8110, -2.8648, 79.0958



87.4260, -43.1010, 11.0274



80.1590, 15.2046, -70.2994



77.0830, 54.1891, -67.6018

Rectangle

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



85.8110, -2.8648, 79.0958



88.1030, -42.9418, 53.4067



80.1590, 15.2046, -70.2994



85.2210, 44.7540, -74.7388

Sweetspot

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



85.8110, -2.8648, 79.0958



194.5570, -1.2606, 31.0835



84.7950, 44.9641, 44.9068



93.5940, -0.7858, 18.7731



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.



85.8110, -2.8648, 79.0958



88.3420, -4.6056, 124.2341



97.2140, -27.7135, 69.0953



83.0330, -0.0163, 5.2331



50.7630, -3.3342, 89.6618



8.5720, -0.7750, 15.2844

Inverse Universe

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



85.8110, -2.8648, 79.0958



88.3420, -4.6056, 124.2341



119.7860, 27.7135, -69.0953



83.0330, -0.0163, 5.2331



50.7630, -3.3342, 89.6618



8.5720, -0.7750, 15.2844

Previews

White Background



This preview shows how the YUV color 85.8110, -2.8648, 79.0958 looks on a white background.

Color Contrast Check

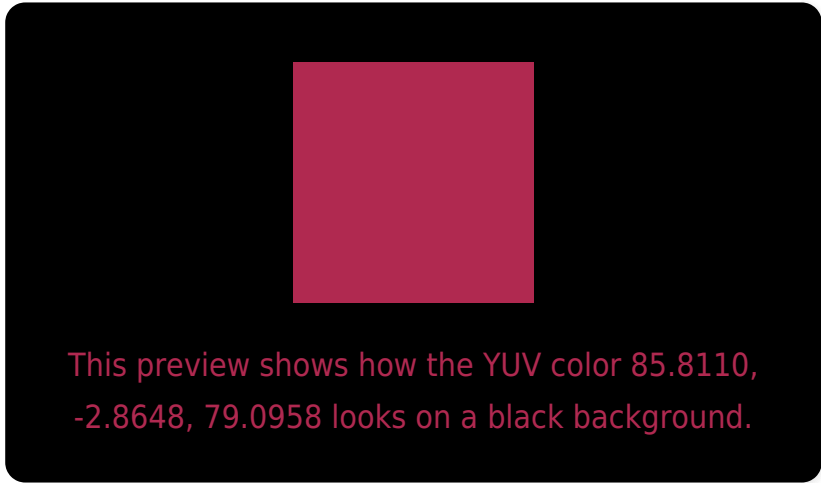
Large Text (above 18pt) WCAG AA ✓ Pass

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 85.8110, -2.8648, 79.0958

Background



This preview shows how black text looks on a background with the YUV color 85.8110, -2.8648, 79.0958.



This preview shows how white text looks on a background with the YUV color 85.8110, -2.8648,

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

85.8110, -2.8648, 79.0958

Protanopia

96.0690, 5.3890, -1.8145

Deuteranopia

96.1130, -11.3947, 14.8099



Tritanopia

86.2010, -17.8471, 77.8767

Trichromacy



Original Color

85.8110, -2.8648, 79.0958

Protanomaly

92.1590, 2.3866, 27.9246

Deuteranomaly

92.1790, -7.9762, 38.4310

Tritanomaly

85.6940, -12.1741, 78.3214

Monochromacy



Original Color

85.8110, -2.8648, 79.0958

Achromatopsia

86.0000, 0.0000, 0.0000

Achromatomaly

86.2470, -1.1078, 28.7244

CSS Examples

Text

The CSS property to change the color of the text to YUV 85.8110, -2.8648, 79.0958 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, 41, 80)` looks like.

```
.text, #text, p{  
    color:rgb(176, 41, 80)  
}
```

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, 41, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 41, 80) }
```

Border

The CSS property to change the border of an element to YUV 85.8110, -2.8648, 79.0958 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, 41, 80) }
```


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

```
.border{ border-color:rgb(176, 41, 80) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 41, 80)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 41, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 41, 80);  
box-shadow:4px 4px 4px 4px rgb(176, 41,  
80) }
```

Background

The CSS property to change the background color of an element to YUV 85.8110, -2.8648, 79.0958 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 41, 80) }
```

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

```
.background{ background-color: rgb(176, 41,  
80) }
```

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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