

Converting Colors

YUV(80.0860, 6.8596, 86.7476)

Have a look what the booklet for
YUV(80.0860, 6.8596, 86.7476)
contains.

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Color

**YUV(80.0860, 6.8596,
86.7476)**

Conversions

Conversions Part 1

Format	Color
Hex	B31B5E
RGB	179, 27, 94
RGB Percent	70%, 11%, 37%
CMY	0.2980, 0.8941, 0.6314
CMYK	0.00, 0.85, 0.47, 0.30
HSL	334°, 74%, 40%
HSV	334°, 85%, 70%
XYZ	21.0027, 11.1757, 11.6398
YIQ	80.0860, 69.0850, 53.0610

Conversions

Conversions Part 2

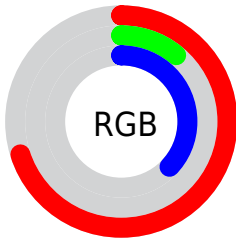
Format	Color
R_{YB}	179, 27, 94
Decimal	11737950
CIE _{Lab}	39.87, 61.44, 1.42
CIE _{LCh}	40, 61.461, 1.320
Yxy	11.1757, 0.4793, 0.2550
Android (android.graphics.Color)	4289928030 (0xFFB31B5E)
YUV	80.0860, 6.8596, 86.7476
Hunter-Lab	33.4301, 53.6413, 2.7572

Details

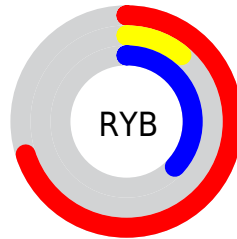
The YUV color **80.0860, 6.8596, 86.7476** is a dark color, and the websafe version is hex **CC3366**. A complement of this color would be **125.9140, -6.8596, -86.7476**, and the grayscale version is **80.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **141.5930, 1.1867, 86.3029**, and **41.3520, 3.2775, 68.9743** is the 20% darker color. If you saturate the color by 10%, you get **68.3800, 7.7007, 97.0137**, and if you desaturate by 10%, it is **91.7920, 6.0185, 76.4814**.

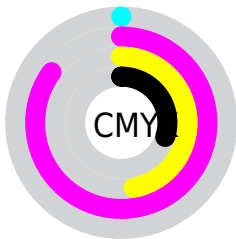
Distribution



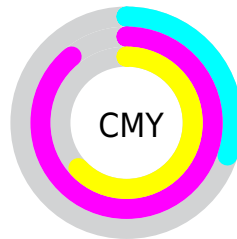
- Red (70%)
- Green (11%)
- Blue (37%)



- Red (70%)
- Yellow (11%)
- Blue (37%)



- Cyan (0%)
- Magenta (85%)
- Yellow (47%)
- Black (30%)



- Cyan (30%)
- Magenta (89%)
- Yellow (63%)

Brightness & Saturation Gradients

These gradients show how the YUV color 80.0860, 6.8596, 86.7476 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 80.0860, 6.8596, 86.7476 by changing the saturation by 10% instead.

 80.0860, 6.8596,
86.7476

 80.0860, 6.8596,
86.7476


255.0000, 0.0000,
0.0000


 52.6450, 9.0490,
84.5033


 141.5930, 1.1867,
86.3029


 41.3520, 3.2775,
68.9743


 166.1790, 2.3768,
77.8960


 30.4010, -1.1837,
53.1453

 185.6930, 6.0674,
60.7822

 20.0760, -8.4185,
40.2753

 205.9080, 9.9054,
43.0537

 9.6820, -4.2802,
19.5729

 225.5360, 14.0328,
25.8399

 0.0000, 0.0000,
0.0000

 243.2600, 5.7878,

10.2960

■ 80.0860, 6.8596,
86.7476

■ 80.0860, 6.8596,
86.7476

■ 68.3800, 7.7007,
97.0137

■ 91.7920, 6.0185,
76.4814

■ 62.5270, 8.1212,
102.1468

■ 103.4980, 5.1775,
66.2153

■ 115.2040, 4.3364,
55.9491

■ 126.9100, 3.4954,
45.6829

■ 138.0290, 2.9437,
35.9316

■ 149.7350, 2.1026,
25.6654

■ 161.4410, 1.2616,
15.3992

■ 173.1470, 0.4205,
5.1331

■ 184.8530, -0.4205,
-5.1331

Harmonies

Analogous

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



91.6980, 25.2919, 54.6389



80.0860, 6.8596, 86.7476



83.5820, -19.0209, 81.0506

Triad

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



80.0860, 6.8596, 86.7476



80.4610, -39.6673, -17.0673



85.9050, 47.3748, -75.3387

Complementary

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



80.0860, 6.8596, 86.7476



125.9140, -6.8596, -86.7476

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.



84.0350, 30.0557, -73.6987



80.0860, 6.8596, 86.7476



70.5320, -14.0663, -61.8566

Square

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



80.0860, 6.8596, 86.7476



88.3780, -43.5704, 21.5935



78.3350, 8.2158, -68.6998



80.9300, 56.2365, -70.9756

Rectangle

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



80.0860, 6.8596, 86.7476



86.1460, -38.0330, 65.6470



78.3350, 8.2158, -68.6998



85.9390, 42.4281, -75.3685

Sweetspot

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



80.0860, 6.8596, 86.7476



194.3060, 2.8071, 33.0576



69.4440, 54.0111, 36.4446



94.2890, 1.8295, 19.9175



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000

Same Dimension

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



80.0860, 6.8596, 86.7476



80.9960, 10.3550, 132.4305



77.1440, -24.7210, 89.3277



83.1470, 0.4205, 5.1331



53.3850, 6.7122, 87.3624



9.0280, 0.9722, 14.8844

Inverse Universe

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



80.0860, 6.8596, 86.7476



80.9960, 10.3550, 132.4305



128.8560, 24.7210, -89.3277



83.1470, 0.4205, 5.1331



53.3850, 6.7122, 87.3624



9.0280, 0.9722, 14.8844

Previews

White Background



This preview shows how the YUV color 80.0860, 6.8596, 86.7476 looks on a white background.

Color Contrast Check

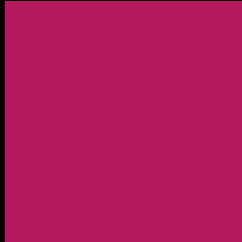
Large Text (above 18pt) WCAG AA ✓ Pass

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 80.0860, 6.8596, 86.7476 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

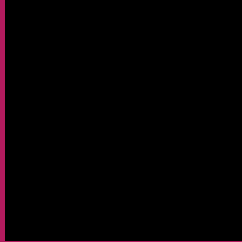
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 80.0860, 6.8596, 86.7476

Background



This preview shows how black text looks on a background with the YUV color 80.0860, 6.8596, 86.7476.



This preview shows how white text looks on a background with the YUV color 80.0860, 6.8596, 86.7476.

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

80.0860, 6.8596, 86.7476

Protanopia

95.2280, 17.6356, -9.8470

Deuteranopia

96.2140, -4.5425, 10.3363



Tritanopia

83.5820, -19.0209, 81.0506

Trichromacy



Original Color

80.0860, 6.8596, 86.7476

Protanomaly

90.1230, 13.7434, 25.3251

Deuteranomaly

90.2420, -0.1193, 38.3758

Tritanomaly

82.4110, -9.5696, 82.9546

Monochromacy



Original Color

80.0860, 6.8596, 86.7476

Achromatopsia

80.0000, 0.0000, 0.0000

Achromatomaly

80.1810, 2.3758, 31.4133

CSS Examples

Text

The CSS property to change the color of the text to YUV 80.0860, 6.8596, 86.7476 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(179, 27, 94)` looks like.

```
.text, #text, p{  
    color:rgb(179, 27, 94)  
}
```

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(179, 27, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 27, 94) }
```

Border

The CSS property to change the border of an element to YUV 80.0860, 6.8596, 86.7476 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(179, 27, 94) }
```


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

```
.border{ border-color:rgb(179, 27, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 27, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 27, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 27, 94);  
box-shadow:4px 4px 4px 4px rgb(179, 27,  
94) }
```

Background

The CSS property to change the background color of an element to YUV 80.0860, 6.8596, 86.7476 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 27, 94) }
```

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

```
.background{ background-color: rgb(179, 27,  
94) }
```

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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