

Converting Colors

YUV(88.0160, 2.9501, 80.6700)

Have a look what the booklet for
YUV(88.0160, 2.9501, 80.6700)
contains.

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Color

**YUV(88.0160, 2.9501,
80.6700)**

Conversions

Conversions Part 1

Format	Color
Hex	B4285E
RGB	180, 40, 94
RGB Percent	71%, 16%, 37%
CMY	0.2941, 0.8431, 0.6314
CMYK	0.00, 0.78, 0.48, 0.29
HSL	337°, 64%, 43%
HSV	337°, 78%, 71%
XYZ	21.6016, 12.0290, 11.7730
YIQ	88.0160, 66.1060, 46.4740

Conversions

Conversions Part 2

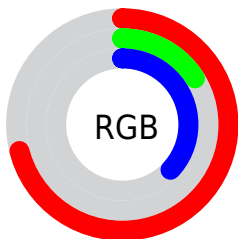
Format	Color
RYB	180, 40, 94
Decimal	11806814
CIELab	41.26, 58.31, 3.45
CIElCh	41, 58.412, 3.383
Yxy	12.0290, 0.4758, 0.2649
Android (android.graphics.Color)	4289996894 (0xFFB4285E)
YUV	88.0160, 2.9501, 80.6700
Hunter-Lab	34.6829, 50.4802, 4.1523

Details

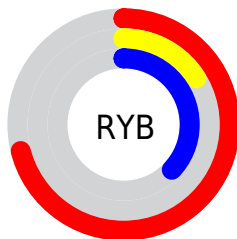
The YUV color **88.0160, 2.9501, 80.6700** is a dark color, and the websafe version is hex **CC3366**. A complement of this color would be **131.9840, -2.9501, -80.6700**, and the grayscale version is **88.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **146.2890, -1.1285, 82.1845**, and **41.6510, 3.1301, 69.5891** is the 20% darker color. If you saturate the color by 10%, you get **76.1960, 3.3544, 91.0361**, and if you desaturate by 10%, it is **99.8360, 2.5459, 70.3038**.

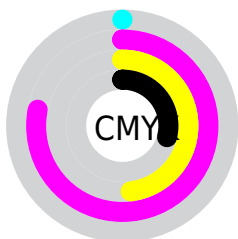
Distribution



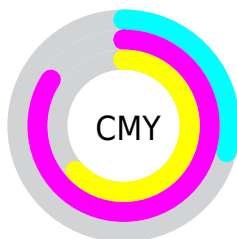
- Red (71%)
- Green (16%)
- Blue (37%)



- Red (71%)
- Yellow (16%)
- Blue (37%)



- Cyan (0%)
- Magenta (78%)
- Yellow (48%)
- Black (29%)





- Cyan (29%)
- Magenta (84%)
- Yellow (63%)

Brightness & Saturation Gradients


These gradients show how the YUV color 88.0160, 2.9501, 80.6700 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 88.0160, 2.9501, 80.6700 by changing the saturation by 10% instead.


 88.0160, 2.9501,
80.6700


 88.0160, 2.9501,
80.6700


255.0000, 0.0000,
0.0000


 52.9440, 8.9016,
85.1181


 146.2890, -1.1285,
82.1845


 41.6510, 3.1301,
69.5891


 170.2880, 0.3510,
74.2924


 30.9990, -1.4785,
54.3749

 189.8020, 4.0416,
57.1786

 20.2610, -9.0027,
40.9901

 210.0170, 7.8796,
39.4501

 10.2800, -4.5750,
20.8024

 230.2320, 11.7176,
21.7215

 0.0000, 0.0000,
0.0000

 247.3690, 3.7621,

■ 88.0160, 2.9501,
80.6700

■ 88.0160, 2.9501,
80.6700

■ 76.1960, 3.3544,
91.0361

■ 99.8360, 2.5459,
70.3038

■ 64.3760, 3.7586,
101.4022

■ 111.6560, 2.1416,
59.9377

■ 61.6860, 3.6058,
103.7614

■ 123.4760, 1.7373,
49.5715

■ 135.2960, 1.3331,
39.2054

■ 147.1160, 0.9288,
28.8393

■ 158.9360, 0.5246,
18.4731

■ 170.7560, 0.1203,
8.1070

■ 182.5760, -0.2840,
-2.2592

■ 194.5100, -0.2514,
-12.7253

Harmonies

Analogous

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



96.1880, 22.0923, 54.2091



88.0160, 2.9501, 80.6700



89.6800, -21.0412, 75.7026

Triad

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



88.0160, 2.9501, 80.6700



82.8200, -40.8303, -17.3821



87.1930, 47.2329, -76.4683

Complementary

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



88.0160, 2.9501, 80.6700



131.9840, -2.9501, -80.6700

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.



86.2520, 30.9348, -75.6430



88.0160, 2.9501, 80.6700



73.9060, -11.2927, -64.8156

Square

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



88.0160, 2.9501, 80.6700



90.7260, -44.7279, 19.5343



80.8940, 10.4053, -70.9440



81.9900, 55.2209, -71.9052

Rectangle

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



88.0160, 2.9501, 80.6700



90.9390, -37.4379, 61.4435



80.8940, 10.4053, -70.9440



87.3410, 42.7229, -76.5981

Sweetspot

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



88.0160, 2.9501, 80.6700



199.4260, 0.7760, 31.1984



81.0760, 48.7695, 37.6443



95.3490, 0.8139, 18.9879



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.



88.0160, 2.9501, 80.6700



91.1710, 4.8457, 126.1380



90.0780, -24.6885, 78.8616



83.1470, 0.4205, 5.1331



52.4730, 3.2178, 88.1622



8.9140, 0.5354, 14.9844

Inverse Universe

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



88.0160, 2.9501, 80.6700



91.1710, 4.8457, 126.1380



129.9220, 24.6885, -78.8616



83.1470, 0.4205, 5.1331



52.4730, 3.2178, 88.1622



8.9140, 0.5354, 14.9844

Previews

White Background



This preview shows how the YUV color 88.0160, 2.9501, 80.6700 looks on a white background.

Color Contrast Check

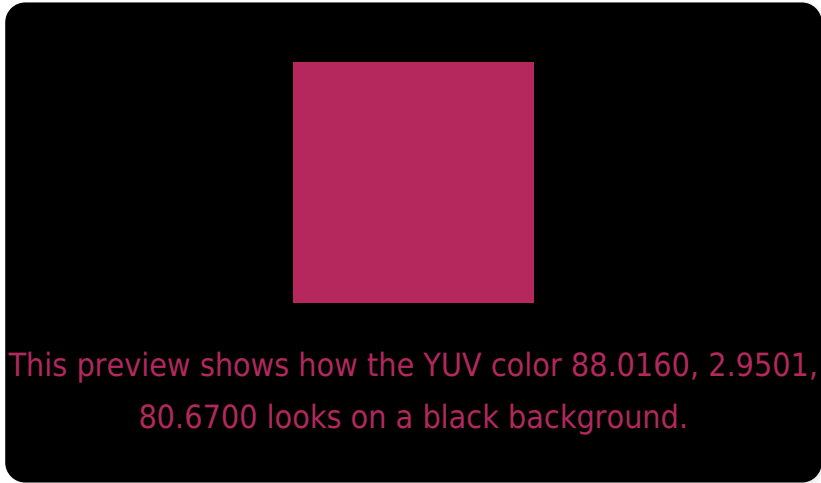
Large Text (above 18pt) WCAG AA ✓ Pass

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

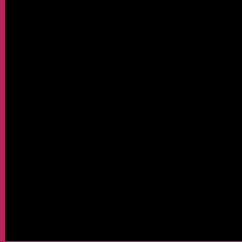
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 88.0160, 2.9501, 80.6700

Background



This preview shows how black text looks on a background with the YUV color 88.0160, 2.9501, 80.6700.



This preview shows how white text looks on a background with the YUV color 88.0160, 2.9501, 80.6700.

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

88.0160, 2.9501, 80.6700

Protanopia

98.5120, 13.5516, -6.5880

Deuteranopia

99.1710, -6.0003, 11.2510



Tritanopia

89.2010, -17.8471, 77.8767

Trichromacy



Original Color

88.0160, 2.9501, 80.6700

Protanomaly

94.3850, 9.6702, 25.0954

Deuteranomaly

95.2480, -2.5873, 36.6165

Tritanomaly

88.8620, -10.2850, 79.0510

Monochromacy



Original Color

88.0160, 2.9501, 80.6700

Achromatopsia

88.0000, 0.0000, 0.0000

Achromatomaly

88.1160, 0.9288, 28.8393

CSS Examples

Text

The CSS property to change the color of the text to YUV 88.0160, 2.9501, 80.6700 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(180, 40, 94)` looks like.

```
.text, #text, p{  
    color:rgb(180, 40, 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(180, 40, 94) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 40, 94) }
```

Border

The CSS property to change the border of an element to YUV 88.0160, 2.9501, 80.6700 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(180, 40, 94) }
```


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

```
.border{ border-color:rgb(180, 40, 94) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 40, 94)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 40, 94); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 40, 94);  
box-shadow:4px 4px 4px 4px rgb(180, 40,  
94) }
```

Background

The CSS property to change the background color of an element to YUV 88.0160, 2.9501, 80.6700 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 40, 94) }
```

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

```
.background{ background-color: rgb(180, 40,  
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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