

Converting Colors

YUV(80.0430, 11.8108, 38.5503)

Have a look what the booklet for
YUV(80.0430, 11.8108, 38.5503)
contains.

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Color

**YUV(80.0430, 11.8108,
38.5503)**

Conversions

Conversions Part 1

Format	Color
Hex	7C3568
RGB	124, 53, 104
RGB Percent	49%, 21%, 41%
CMY	0.5137, 0.7922, 0.5922
CMYK	0.00, 0.57, 0.16, 0.51
HSL	317°, 40%, 35%
HSV	317°, 57%, 49%
XYZ	12.0840, 7.8308, 13.9713
YIQ	80.0430, 25.9450, 30.9130

Conversions

Conversions Part 2

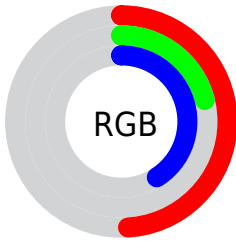
Format	Color
R_{YB}	124, 53, 104
Decimal	8140136
CIE _{Lab}	33.63, 37.50, -15.31
CIE _{LCh}	34, 40.508, 337.792
Yxy	7.8308, 0.3566, 0.2311
Android (android.graphics.Color)	4286330216 (0xFF7C3568)
YUV	80.0430, 11.8108, 38.5503
Hunter-Lab	27.9835, 28.1096, -10.0132

Details

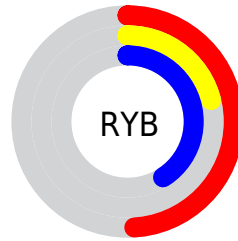
The YUV color **80.0430, 11.8108, 38.5503** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **96.9570, -11.8108, -38.5503**, and the grayscale version is **80.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **131.3530, 11.6580, 40.9094**, and **28.0260, 14.2842, 38.5652** is the 20% darker color. If you saturate the color by 10%, you get **72.6570, 13.9731, 45.0278**, and if you desaturate by 10%, it is **87.4290, 9.6485, 32.0728**.

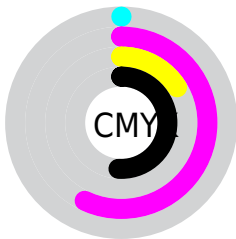
Distribution



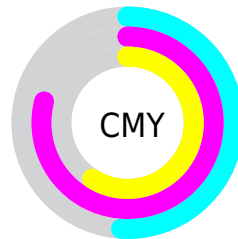
- Red (49%)
- Green (21%)
- Blue (41%)



- Red (49%)
- Yellow (21%)
- Blue (41%)



- Cyan (0%)
- Magenta (57%)
- Yellow (16%)
- Black (51%)



- Cyan (51%)
- Magenta (79%)
- Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the YUV color 80.0430, 11.8108, 38.5503 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 80.0430, 11.8108, 38.5503 by changing the saturation by 10% instead.

80.0430, 11.8108,
38.5503

80.0430, 11.8108,
38.5503

255.0000, 0.0000,
0.0000

54.8580, 12.3950,
37.8355

131.3530, 11.6580,
40.9094

28.0260, 14.2842,
38.5652

158.3640, 11.6525,
42.6538

18.6410, 8.0650,
26.6248

185.7770, 11.9419,
43.1686

6.9350, 2.0040,
10.5810

210.7980, 13.4106,
38.7652

0.0000, 0.0000,
0.0000

229.1720, 12.7332,
22.6512

246.1950, 4.3409,

7.7220

■ 80.0430, 11.8108,
38.5503

■ 80.0430, 11.8108,
38.5503

■ 72.6570, 13.9731,
45.0278

■ 87.4290, 9.6485,
32.0728

■ 64.5700, 15.9880,
52.1201

■ 95.5160, 7.6336,
24.9805

■ 57.1840, 18.1503,
58.5976

■ 102.9020, 5.4713,
18.5029

■ 49.0970, 20.1652,
65.6899

■ 110.9890, 3.4564,
11.4106

■ 47.2220, 20.5966,
67.3343

■ 118.3750, 1.2941,
4.9331

■ 125.8750, -0.4314,
-1.6444

■ 133.8480, -2.8831,
-8.6367

■ 141.3480, -4.6086,
-15.2142

■ 149.3210, -7.0603,
-22.2065

Harmonies

Analogous

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



81.3580, 23.9805, 8.4560



80.0430, 11.8108, 38.5503



77.3470, -2.6361, 52.3157

Triad

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



80.0430, 11.8108, 38.5503



73.4290, -34.2285, 11.9018



68.0430, 24.6288, -59.6737

Complementary

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



80.0430, 11.8108, 38.5503



96.9570, -11.8108, -38.5503

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.



65.0960, 10.7987, -57.0892



80.0430, 11.8108, 38.5503



70.2390, -22.7958, -15.1186

Square

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



80.0430, 11.8108, 38.5503



76.4130, -29.7836, 32.9638



60.6330, -3.7631, -53.1751



67.9750, 34.5223, -59.6141

Rectangle

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



80.0430, 11.8108, 38.5503



76.7030, -12.6716, 51.1265



60.6330, -3.7631, -53.1751



67.4900, 19.9714, -59.1887

Sweetspot

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



80.0430, 11.8108, 38.5503



143.6520, 4.6086, 15.2142



66.7750, 28.2119, 4.5823



71.4510, 2.7357, 9.2515



209.0000, 0.0000, 0.0000



82.0000, 0.0000, 0.0000

Same Dimension

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



80.0430, 11.8108, 38.5503



92.1950, 18.1449, 60.3420



76.1670, -3.0403, 41.9495



57.2500, 0.8628, 3.2887



47.6350, 20.8859, 67.8491



95.9820, 41.9139, 136.8278

Inverse Universe

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



80.0430, 11.8108, 38.5503



92.1950, 18.1449, 60.3420



100.8330, 3.0403, -41.9495



57.2500, 0.8628, 3.2887



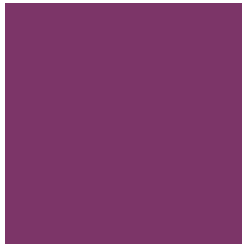
47.6350, 20.8859, 67.8491



95.9820, 41.9139, 136.8278

Previews

White Background



This preview shows how the YUV color 80.0430, 11.8108, 38.5503 looks on a white background.

Color Contrast Check

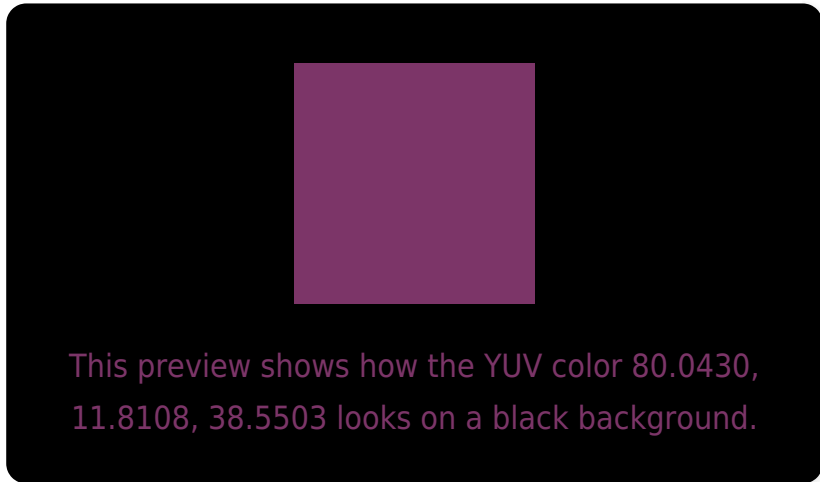
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

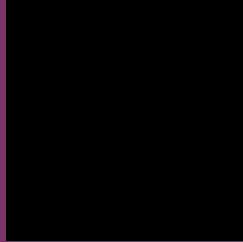
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 80.0430, 11.8108, 38.5503

Background



This preview shows how black text looks on a background with the YUV color 80.0430, 11.8108, 38.5503.



This preview shows how white text looks on a background with the YUV color 80.0430, 11.8108,

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

80.0430, 11.8108, 38.5503

Protanopia

78.7590, 22.3038, -13.8206

Deuteranopia

80.2090, 9.7570, -2.8143



Tritanopia

79.7980, -6.8024, 35.2572

Trichromacy



Original Color

80.0430, 11.8108, 38.5503

Protanomaly

79.2560, 18.6078, 5.0375

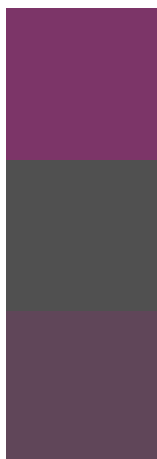
Deuteranomaly

80.1230, 10.2924, 12.1701

Tritanomaly

79.9320, 0.0335, 36.0166

Monochromacy



Original Color

80.0430, 11.8108, 38.5503

Achromatopsia

80.0000, 0.0000, 0.0000

Achromatomaly

79.9400, 4.4666, 14.0846

CSS Examples

Text

The CSS property to change the color of the text to YUV 80.0430, 11.8108, 38.5503 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(124, 53, 104)` looks like.

```
.text, #text, p{  
    color:rgb(124, 53, 104)  
}
```

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(124, 53, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 53, 104) }
```

Border

The CSS property to change the border of an element to YUV 80.0430, 11.8108, 38.5503 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(124, 53, 104) }
```


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

```
.border{ border-color:rgb(124, 53, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 53, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 53, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 53, 104);  
box-shadow:4px 4px 4px 4px rgb(124, 53,  
104) }
```

Background

The CSS property to change the background color of an element to YUV 80.0430, 11.8108, 38.5503 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 53, 104) }
```

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

```
.background{ background-color: rgb(124, 53,  
104) }
```

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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