

Converting Colors

YUV(80.4460, 3.7241, 18.9029)

Have a look what the booklet for
YUV(80.4460, 3.7241, 18.9029)
contains.

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Color

**YUV(80.4460, 3.7241,
18.9029)**

Conversions

Conversions Part 1

Format	Color
Hex	664458
RGB	102, 68, 88
RGB Percent	40%, 27%, 35%
CMY	0.6000, 0.7333, 0.6549
CMYK	0.00, 0.33, 0.14, 0.60
HSL	325°, 20%, 33%
HSV	325°, 33%, 40%
XYZ	9.3081, 7.6636, 10.2212
YIQ	80.4460, 13.8440, 13.4280

Conversions

Conversions Part 2

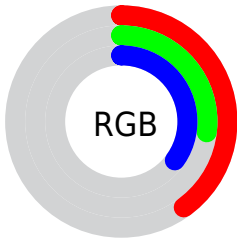
Format	Color
R_{YB}	102, 68, 88
Decimal	6702168
CIE _{Lab}	33.27, 18.09, -5.94
CIE _{LCh}	33, 19.039, 341.809
Yxy	7.6636, 0.3423, 0.2818
Android (android.graphics.Color)	4284892248 (0xFF664458)
YUV	80.4460, 3.7241, 18.9029
Hunter-Lab	27.6832, 11.5723, -2.5127




Details

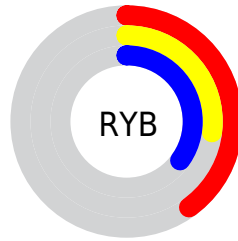
The YUV color **80.4460, 3.7241, 18.9029** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **89.5540, -3.7241, -18.9029**, and the grayscale version is **80.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **130.4570, 3.7187, 20.6472**, and **35.1360, 3.8770, 16.5437** is the 20% darker color. If you saturate the color by 10%, you get **74.1200, 4.8708, 24.4508**, and if you desaturate by 10%, it is **86.7720, 2.5774, 13.3550**.

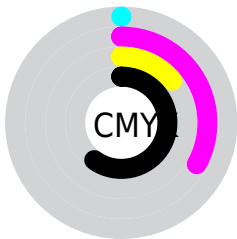
Distribution







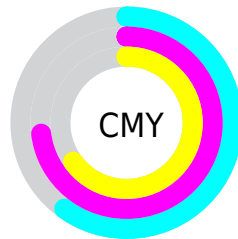
-  Red (40%)
-  Green (27%)
-  Blue (35%)






-  Red (40%)
-  Yellow (27%)
-  Blue (35%)



-  Cyan (0%)
-  Magenta (33%)
-  Yellow (14%)
-  Black (60%)



-  Cyan (60%)
-  Magenta (73%)
-  Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the YUV color 80.4460, 3.7241, 18.9029 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 80.4460, 3.7241, 18.9029 by changing the saturation by 10% instead.

80.4460, 3.7241,
18.9029

80.4460, 3.7241,
18.9029

255.0000, 0.0000,
0.0000

57.1470, 3.8715,
18.2881

130.4570, 3.7187,
20.6472

35.1360, 3.8770,
16.5437

156.1690, 3.8607,
21.7768

12.6740, 4.5977,
18.7029

183.1690, 3.8607,
21.7768

0.0000, 0.0000,
0.0000

210.8810, 4.0027,
22.9064

236.0050, 5.9135,
16.6586

253.8260, 0.5788,

1.0296

■ 80.4460, 3.7241,
18.9029

■ 80.4460, 3.7241,
18.9029

■ 74.1200, 4.8708,
24.4508

■ 86.7720, 2.5774,
13.3550

■ 67.7940, 6.0176,
29.9987

■ 93.0980, 1.4307,
7.8071

■ 60.7670, 7.0169,
36.1613

■ 100.1250, 0.4314,
1.6444

■ 54.4410, 8.1636,
41.7092

■ 106.4510, -0.7153,
-3.9035

■ 48.1150, 9.3103,
47.2571

■ 112.7770, -1.8621,
-9.4514

■ 41.7890, 10.4570,
52.8050

■ 119.1030, -3.0088,
-14.9993

■ 37.3380, 11.1724,
56.7086

■ 125.4290, -4.1555,
-20.5472

■ 132.4560, -5.1548,
-26.7099

■ 138.7820, -6.3015,
-32.2578

Harmonies

Analogous

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



80.0900, 10.3086, 6.9371



80.4460, 3.7241, 18.9029



79.9430, -3.4229, 24.6060

Triad

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



80.4460, 3.7241, 18.9029



76.7760, -13.6936, 5.4584



69.1400, 14.2280, -36.9568

Complementary

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



80.4460, 3.7241, 18.9029



89.5540, -3.7241, -18.9029

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.



69.3270, 7.2338, -33.6128



80.4460, 3.7241, 18.9029



74.7250, -9.7244, -7.6518

Square

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



80.4460, 3.7241, 18.9029



78.1410, -13.8735, 16.5393



72.5860, -2.2609, -21.5619



73.3740, 16.0846, -25.7610

Rectangle

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



80.4460, 3.7241, 18.9029



79.0910, -7.9329, 24.4762



72.5860, -2.2609, -21.5619



68.9720, 12.3388, -37.6864

Sweetspot

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



80.4460, 3.7241, 18.9029



124.0980, 1.4307, 7.8071



76.0620, 12.7874, 5.2076



60.9620, 1.0047, 4.4183



194.0000, 0.0000, 0.0000



66.0000, 0.0000, 0.0000

Same Dimension

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



80.4460, 3.7241, 18.9029



99.3810, 5.7282, 29.4839



78.5080, -3.7014, 20.6025



47.8370, 0.5734, 2.7740



42.1370, 12.7505, 63.9009



88.6600, 26.7896, 134.4792

Inverse Universe

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



80.4460, 3.7241, 18.9029



99.3810, 5.7282, 29.4839



91.4920, 3.7014, -20.6025



47.8370, 0.5734, 2.7740



42.1370, 12.7505, 63.9009



88.6600, 26.7896, 134.4792

Previews

White Background



This preview shows how the YUV color 80.4460, 3.7241, 18.9029 looks on a white background.

Color Contrast Check

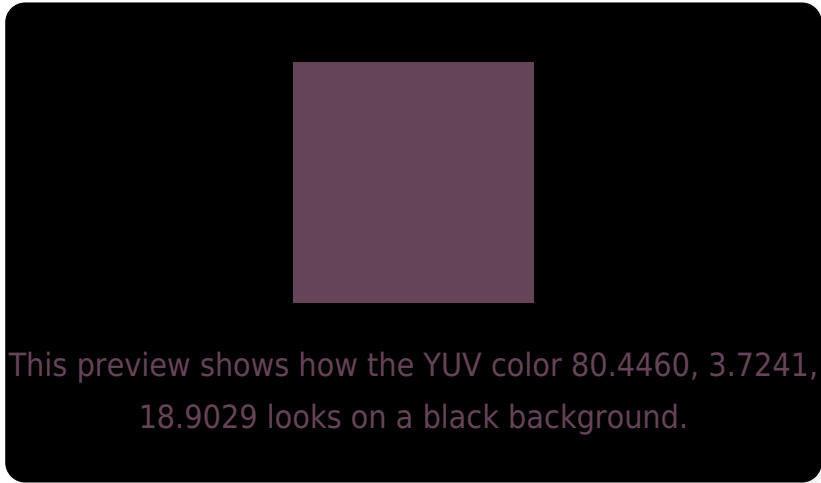
Large Text (above 18pt) WCAG AA ✓ Pass

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

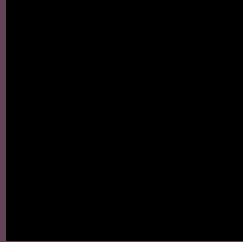
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 80.4460, 3.7241, 18.9029

Background



This preview shows how black text looks on a background with the YUV color 80.4460, 3.7241, 18.9029.



This preview shows how white text looks on a background with the YUV color 80.4460, 3.7241,

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

80.4460, 3.7241, 18.9029

Protanopia

78.9270, 7.4310, -3.4440

Deuteranopia

79.2330, 3.3361, 3.3037



Tritanopia

79.9530, -1.9488, 18.4582

Trichromacy



Original Color

80.4460, 3.7241, 18.9029

Protanomaly

79.3410, 6.2409, 4.9629

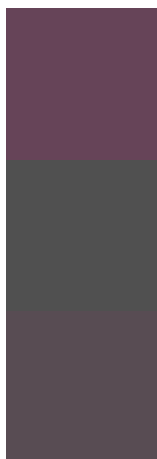
Deuteranomaly

79.6790, 3.6093, 9.0515

Tritanomaly

79.8220, 0.0878, 18.5731

Monochromacy



Original Color

80.4460, 3.7241, 18.9029

Achromatopsia

80.0000, 0.0000, 0.0000

Achromatomaly

80.3860, 1.2887, 6.6775

CSS Examples

Text

The CSS property to change the color of the text to YUV 80.4460, 3.7241, 18.9029 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(102, 68, 88)` looks like.

```
.text, #text, p{  
    color:rgb(102, 68, 88)  
}
```

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(102, 68, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(102, 68, 88) }
```

Border

The CSS property to change the border of an element to YUV 80.4460, 3.7241, 18.9029 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(102, 68, 88) }
```


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

```
.border{ border-color:rgb(102, 68, 88) }
```

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

Here you see how a box with a 4 pixel `rgb(102, 68, 88)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(102, 68, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(102, 68, 88);  
box-shadow:4px 4px 4px 4px rgb(102, 68,  
88) }
```

Background

The CSS property to change the background color of an element to YUV 80.4460, 3.7241, 18.9029 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(102, 68, 88) }
```

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

```
.background{ background-color: rgb(102, 68,  
88) }
```

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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