

Converting Colors

YUV(80.8370, 4.0244, 15.9290)

Have a look what the booklet for
YUV(80.8370, 4.0244, 15.9290)
contains.

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Color

**YUV(80.8370, 4.0244,
15.9290)**

Conversions

Conversions Part 1

Format	Color
Hex	634659
RGB	99, 70, 89
RGB Percent	39%, 27%, 35%
CMY	0.6118, 0.7255, 0.6510
CMYK	0.00, 0.29, 0.10, 0.61
HSL	321°, 17%, 33%
HSV	321°, 29%, 39%
XYZ	9.1389, 7.7542, 10.4662
YIQ	80.8370, 11.1850, 12.0570

Conversions

Conversions Part 2

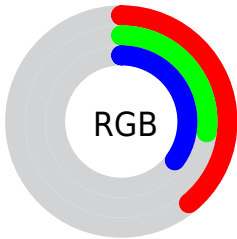
Format	Color
R_{YB}	99, 70, 89
Decimal	6506073
CIE Lab	33.47, 15.85, -6.33
CIE LCh	33, 17.067, 338.226
Yxy	7.7542, 0.3340, 0.2834
Android (android.graphics.Color)	4284696153 (0xFF634659)
YUV	80.8370, 4.0244, 15.9290
Hunter-Lab	27.8464, 9.8507, -2.7920

Details

The YUV color **80.8370, 4.0244, 15.9290** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **88.1630, -4.0244, -15.9290**, and the grayscale version is **81.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **130.5490, 4.1663, 17.0585**, and **35.8260, 4.0298, 14.1846** is the 20% darker color. If you saturate the color by 10%, you get **74.6250, 5.6079, 21.3769**, and if you desaturate by 10%, it is **87.0490, 2.4408, 10.4810**.

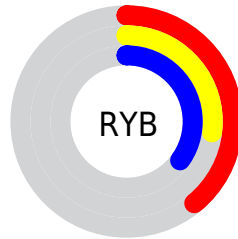
Distribution



 Red (39%)

 Green (27%)

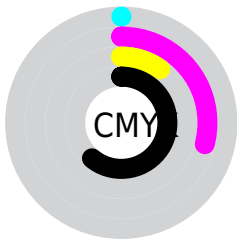
 Blue (35%)



 Red (39%)

 Yellow (27%)

 Blue (35%)

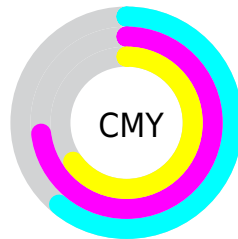


 Cyan (0%)

 Magenta (29%)

 Yellow (10%)

 Black (61%)



 Cyan (61%)

 Magenta (73%)

 Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the YUV color 80.8370, 4.0244, 15.9290 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 80.8370, 4.0244, 15.9290 by changing the saturation by 10% instead.

80.8370, 4.0244,
15.9290

80.8370, 4.0244,
15.9290

255.0000, 0.0000,
0.0000

57.5380, 4.1718,
15.3142

130.5490, 4.1663,
17.0585

35.8260, 4.0298,
14.1846

156.2610, 4.3083,
18.1881

12.7770, 5.0399,
16.8586

183.5600, 4.1609,
18.8029

0.0000, 0.0000,
0.0000

210.9730, 4.4503,
19.3177

237.2930, 5.7716,
15.5290

80.8370, 4.0244,
15.9290

80.8370, 4.0244,
15.9290

74.6250, 5.6079,
21.3769

87.0490, 2.4408,
10.4810

68.2990, 6.7546,
26.9248

93.3750, 1.2941,
4.9331

62.0870, 8.3381,
32.3727

99.5870, -0.2894,
-0.5148

55.7610, 9.4848,
37.9206

105.9130, -1.4361,
-6.0627

50.1360, 10.7790,
42.8537

112.1250, -3.0196,
-11.5106

43.9240, 12.3625,
48.3017

117.7500, -4.3137,
-16.4438

37.5980, 13.5092,
53.8496

124.0760, -5.4605,
-21.9917

37.0110, 13.7986,

130.2880, -7.0440,

54.3644

-27.4396

■ 136.6140, -8.1907,
-32.9875

Harmonies

Analogous

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



80.2530, 9.7353, 4.1631



80.8370, 4.0244, 15.9290



80.4480, -2.6859, 21.5321

Triad

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



80.8370, 4.0244, 15.9290



77.7160, -12.6780, 6.3881



71.4890, 11.5909, -31.1239

Complementary

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



80.8370, 4.0244, 15.9290



88.1630, -4.0244, -15.9290

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.



71.7900, 5.0335, -27.8798



80.8370, 4.0244, 15.9290



76.1490, -9.4405, -5.3927

Square

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



80.8370, 4.0244, 15.9290



78.5970, -12.1263, 16.1394



73.7930, -2.8559, -17.3585



74.5160, 14.0426, -24.1315

Rectangle

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



80.8370, 4.0244, 15.9290



80.1230, -6.4696, 21.8171



73.7930, -2.8559, -17.3585



71.6200, 9.5543, -31.2387

Sweetspot

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



80.8370, 4.0244, 15.9290



120.5000, 1.7255, 6.5775



76.2960, 11.1931, 3.2484



59.5490, 0.7153, 3.9035



191.0000, 0.0000, 0.0000



64.0000, 0.0000, 0.0000

Same Dimension

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



80.8370, 4.0244, 15.9290



99.7610, 6.0338, 24.7656



79.2410, -2.0908, 17.3286



45.5380, 0.7208, 2.1592



41.9240, 15.8135, 61.4567



89.6580, 33.1996, 131.8499

Inverse Universe

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



80.8370, 4.0244, 15.9290



99.7610, 6.0338, 24.7656



89.7590, 2.0908, -17.3286



45.5380, 0.7208, 2.1592



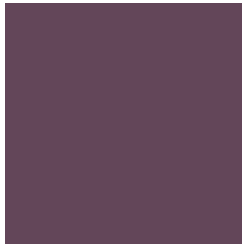
41.9240, 15.8135, 61.4567



89.6580, 33.1996, 131.8499

Previews

White Background



This preview shows how the YUV color 80.8370, 4.0244, 15.9290 looks on a white background.

Color Contrast Check

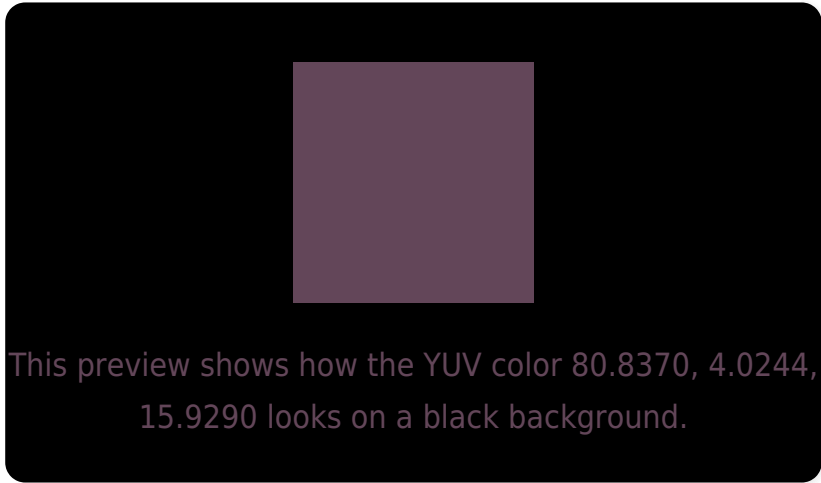
Large Text (above 18pt) WCAG AA ✓ Pass

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

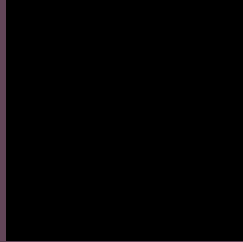
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 80.8370, 4.0244, 15.9290

Background



This preview shows how black text looks on a background with the YUV color 80.8370, 4.0244, 15.9290.



This preview shows how white text looks on a background with the YUV color 80.8370, 4.0244,

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

80.8370, 4.0244, 15.9290

Protanopia

79.2260, 7.2836, -2.8292

Deuteranopia

80.0480, 3.9203, 2.5889



Tritanopia

80.4580, -1.2118, 15.3843

Trichromacy



Original Color

80.8370, 4.0244, 15.9290

Protanomaly

79.6290, 6.0989, 3.8334

Deuteranomaly

80.0810, 3.9041, 7.8220

Tritanomaly

80.3270, 0.8248, 15.4992

Monochromacy



Original Color

80.8370, 4.0244, 15.9290

Achromatopsia

81.0000, 0.0000, 0.0000

Achromatomaly

81.0870, 1.4361, 6.0627

CSS Examples

Text

The CSS property to change the color of the text to YUV 80.8370, 4.0244, 15.9290 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(99, 70, 89)` looks like.

```
.text, #text, p{  
    color:rgb(99, 70, 89)  
}
```

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(99, 70, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 70, 89) }
```

Border

The CSS property to change the border of an element to YUV 80.8370, 4.0244, 15.9290 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(99, 70, 89) }
```


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

```
.border{ border-color:rgb(99, 70, 89) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 70, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 70, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 70, 89);  
box-shadow:4px 4px 4px 4px rgb(99, 70, 89)  
}
```

Background

The CSS property to change the background color of an element to YUV 80.8370, 4.0244, 15.9290 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 70, 89) }
```

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

```
.background{ background-color: rgb(99, 70,  
89) }
```

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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