

Converting Colors

YUV(83.1370, 2.3975, 24.4359)

Have a look what the booklet for
YUV(83.1370, 2.3975, 24.4359)
contains.

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Color

**YUV(83.1370, 2.3975,
24.4359)**

Conversions

Conversions Part 1

Format	Color
Hex	6F4458
RGB	111, 68, 88
RGB Percent	44%, 27%, 35%
CMY	0.5647, 0.7333, 0.6549
CMYK	0.00, 0.39, 0.21, 0.56
HSL	332°, 24%, 35%
HSV	332°, 39%, 44%
XYZ	10.3841, 8.2183, 10.2715
YIQ	83.1370, 19.2080, 15.3360

Conversions

Conversions Part 2

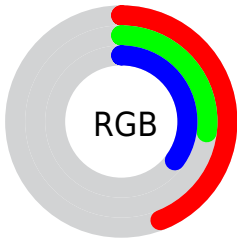
Format	Color
R_{YB}	111, 68, 88
Decimal	7291992
CIE Lab	34.43, 21.64, -4.09
CIE LCh	34, 22.024, 349.297
Yxy	8.2183, 0.3596, 0.2846
Android (android.graphics.Color)	4285482072 (0xFF6F4458)
YUV	83.1370, 2.3975, 24.4359
Hunter-Lab	28.6676, 14.4887, -1.1761

Details

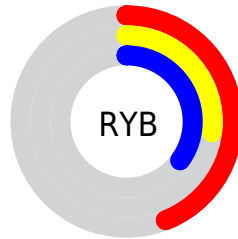
The YUV color **83.1370, 2.3975, 24.4359** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **95.8630, -2.3975, -24.4359**, and the grayscale version is **83.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **133.4470, 2.2446, 26.7950**, and **36.9410, 2.9871, 21.9767** is the 20% darker color. If you saturate the color by 10%, you get **75.9960, 2.9600, 30.6985**, and if you desaturate by 10%, it is **90.2780, 1.8349, 18.1732**.

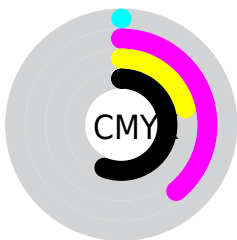
Distribution



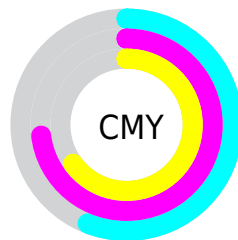
- Red (44%)
- Green (27%)
- Blue (35%)



- Red (44%)
- Yellow (27%)
- Blue (35%)



- Cyan (0%)
- Magenta (39%)
- Yellow (21%)
- Black (56%)



- Cyan (56%)
- Magenta (73%)
- Yellow (65%)

Brightness & Saturation Gradients

These gradients show how the YUV color 83.1370, 2.3975, 24.4359 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 83.1370, 2.3975, 24.4359 by changing the saturation by 10% instead.

■ 83.1370, 2.3975,
24.4359

■ 83.1370, 2.3975,
24.4359

255.0000, 0.0000,
0.0000

■ 59.5390, 2.6923,
23.2063

■ 133.4470, 2.2446,
26.7950

■ 36.9410, 2.9871,
21.9767

■ 159.7460, 2.0972,
27.4098

■ 14.4680, 3.7133,
22.3916

■ 186.4580, 2.2392,
28.5393

■ 0.0000, 0.0000,
0.0000

■ 214.7570, 2.0918,
29.1541

■ 236.5920, 5.6241,
16.1438

254.4130, 0.2894,

0.5148

■ 83.1370, 2.3975,
24.4359

■ 83.1370, 2.3975,
24.4359

■ 75.9960, 2.9600,
30.6985

■ 90.2780, 1.8349,
18.1732

■ 68.8550, 3.5225,
36.9612

■ 97.4190, 1.2724,
11.9105

■ 61.7140, 4.0850,
43.2238

■ 104.5600, 0.7099,
5.6479

■ 54.5730, 4.6475,
49.4865

■ 111.7010, 0.1474,
-0.6148

■ 46.8450, 5.4994,
56.2639

■ 119.4290, -0.7045,
-7.3922

■ 39.7040, 6.0619,
62.5266

■ 126.5700, -1.2670,
-13.6549

■ 39.1170, 6.3513,
63.0414

■ 133.7110, -1.8295,
-19.9175

■ 140.7380, -2.8288,
-26.0802

■ 147.8790, -3.3913,
-32.3429

Harmonies

Analogous

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



83.1230, 10.2924, 12.1701



83.1370, 2.3975, 24.4359



82.2810, -6.0545, 28.6946

Triad

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



83.1370, 2.3975, 24.4359



78.2980, -15.4299, 2.3697



68.6270, 18.9179, -47.9079

Complementary

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



83.1370, 2.3975, 24.4359



95.8630, -2.3975, -24.4359

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.



67.2050, 12.2239, -47.5378



83.1370, 2.3975, 24.4359



76.5070, -9.1240, -13.5996

Square

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



83.1370, 2.3975, 24.4359



80.4460, -16.4889, 15.3949



72.9270, 0.5290, -29.7540



76.4600, 19.0002, -27.5904

Rectangle

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



83.1370, 2.3975, 24.4359



81.7170, -10.7065, 27.4352



72.9270, 0.5290, -29.7540



66.0780, 18.2025, -51.8114

Sweetspot

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



83.1370, 2.3975, 24.4359



133.9950, 0.9885, 9.6514



79.7790, 15.3920, 9.8408



67.4460, 0.2731, 5.7479



201.0000, 0.0000, 0.0000



74.0000, 0.0000, 0.0000

Same Dimension

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



83.1370, 2.3975, 24.4359



101.6810, 4.1013, 37.9908



81.4440, -6.6279, 25.9206



52.1360, 0.4260, 3.3887



42.2640, 6.7718, 68.1745



86.9630, 13.8222, 140.3524

Inverse Universe

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



83.1370, 2.3975, 24.4359



101.6810, 4.1013, 37.9908



97.5560, 6.6279, -25.9206



52.1360, 0.4260, 3.3887



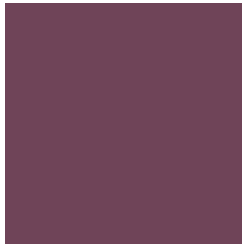
42.2640, 6.7718, 68.1745



86.9630, 13.8222, 140.3524

Previews

White Background



This preview shows how the YUV color 83.1370, 2.3975, 24.4359 looks on a white background.

Color Contrast Check

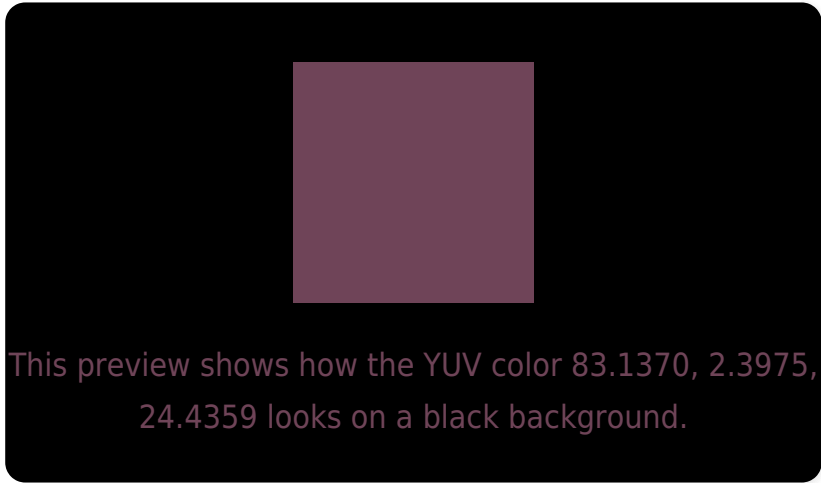
Large Text (above 18pt) WCAG AA ✓ Pass

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

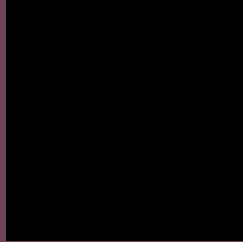
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 83.1370, 2.3975, 24.4359

Background



This preview shows how black text looks on a background with the YUV color 83.1370, 2.3975, 24.4359.



This preview shows how white text looks on a background with the YUV color 83.1370, 2.3975,

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

83.1370, 2.3975, 24.4359

Protanopia

81.8130, 6.9942, -3.3440

Deuteranopia

82.1900, 1.8783, 4.2184



Tritanopia

82.6440, -3.2755, 23.9912

Trichromacy



Original Color

83.1370, 2.3975, 24.4359

Protanomaly

82.1240, 5.3619, 6.9073

Deuteranomaly

82.6470, 2.1460, 11.7106

Tritanomaly

82.5130, -1.2389, 24.1061

Monochromacy



Original Color

83.1370, 2.3975, 24.4359

Achromatopsia

83.0000, 0.0000, 0.0000

Achromatomaly

83.2830, 0.8465, 8.5218

CSS Examples

Text

The CSS property to change the color of the text to YUV 83.1370, 2.3975, 24.4359 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(111, 68, 88)` looks like.

```
.text, #text, p{  
    color:rgb(111, 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(111, 68, 88) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(111, 68, 88) }
```

Border

The CSS property to change the border of an element to YUV 83.1370, 2.3975, 24.4359 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(111, 68, 88) }
```


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

```
.border{ border-color:rgb(111, 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(111, 68, 88)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(111, 68, 88); -webkit-box-  
shadow:4px 4px 4px 4px rgb(111, 68, 88);  
box-shadow:4px 4px 4px 4px rgb(111, 68,  
88) }
```

Background

The CSS property to change the background color of an element to YUV 83.1370, 2.3975, 24.4359 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(111, 68, 88) }
```

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

```
.background{ background-color: rgb(111, 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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