

Converting Colors

YUV(83.1350, 8.8074, 21.8066)

Have a look what the booklet for
YUV(83.1350, 8.8074, 21.8066)
contains.

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Color

**YUV(83.1350, 8.8074,
21.8066)**

Conversions

Conversions Part 1

Format	Color
Hex	6C4365
RGB	108, 67, 101
RGB Percent	42%, 26%, 40%
CMY	0.5765, 0.7373, 0.6039
CMYK	0.00, 0.38, 0.06, 0.58
HSL	310°, 23%, 34%
HSV	310°, 38%, 42%
XYZ	10.5405, 8.1420, 13.3279
YIQ	83.1350, 13.5220, 19.2660

Conversions

Conversions Part 2

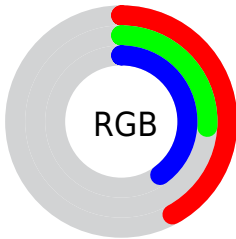
Format	Color
R_{YB}	108, 67, 101
Decimal	7095141
CIE _{Lab}	34.28, 23.51, -12.62
CIE _{LCh}	34, 26.682, 331.775
Yxy	8.1420, 0.3293, 0.2544
Android (android.graphics.Color)	4285285221 (0xFF6C4365)
YUV	83.1350, 8.8074, 21.8066
Hunter-Lab	28.5343, 16.0023, -7.7195

Details

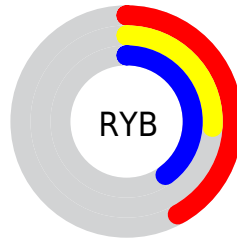
The YUV color **83.1350, 8.8074, 21.8066** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **91.8650, -8.8074, -21.8066**, and the grayscale version is **83.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **133.2600, 9.2388, 23.4510**, and **36.7110, 8.5235, 19.5475** is the 20% darker color. If you saturate the color by 10%, you get **76.4500, 11.1171, 27.6693**, and if you desaturate by 10%, it is **89.8200, 6.4977, 15.9439**.

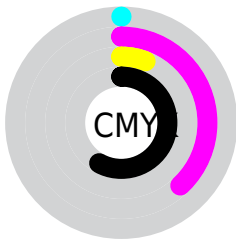
Distribution



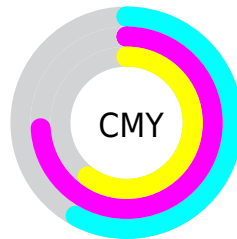
- Red (42%)
- Green (26%)
- Blue (40%)



- Red (42%)
- Yellow (26%)
- Blue (40%)



- Cyan (0%)
- Magenta (38%)
- Yellow (6%)
- Black (58%)



- Cyan (58%)
- Magenta (74%)
- Yellow (60%)

Brightness & Saturation Gradients

These gradients show how the YUV color 83.1350, 8.8074, 21.8066 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 83.1350, 8.8074, 21.8066 by changing the saturation by 10% instead.

83.1350, 8.8074,
21.8066

83.1350, 8.8074,
21.8066

255.0000, 0.0000,
0.0000

59.4230, 8.6655,
20.6770

133.2600, 9.2388,
23.4510

36.7110, 8.5235,
19.5475

159.9720, 9.3808,
24.5806

15.1240, 8.8129,
20.0623

186.6840, 9.5228,
25.7101

0.7980, 3.0576,
-0.6998

214.6840, 9.5228,
25.7101

0.0000, 0.0000,
0.0000

236.8030, 8.9711,
15.9588

253.8260, 0.5788,

1.0296

■ 83.1350, 8.8074,
21.8066

■ 83.1350, 8.8074,
21.8066

■ 76.4500, 11.1171,
27.6693

■ 89.8200, 6.4977,
15.9439

■ 69.7650, 13.4269,
33.5321

■ 96.5050, 4.1880,
10.0811

■ 63.6670, 15.4472,
38.8800

■ 102.6030, 2.1677,
4.7332

■ 57.0960, 18.1937,
44.6428

■ 109.1740, -0.5788,
-1.0296

■ 50.4110, 20.5034,
50.5056

■ 115.8590, -2.8885,
-6.8923

■ 43.7260, 22.8131,
56.3683

■ 122.5440, -5.1982,
-12.7551

■ 42.5520, 23.3919,
57.3979

■ 129.2290, -7.5079,
-18.6178

■ 135.3270, -9.5282,
-23.9658

■ 142.0120,
-11.8379, -29.8285

Harmonies

Analogous

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



82.4790, 17.0189, 1.3339



83.1350, 8.8074, 21.8066



81.9810, -0.9766, 33.3427

Triad

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



83.1350, 8.8074, 21.8066



78.6860, -20.5512, 11.6764



65.0450, 18.2188, -57.0445

Complementary

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



83.1350, 8.8074, 21.8066



91.8650, -8.8074, -21.8066

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.



63.2380, 8.7567, -55.4597



83.1350, 8.8074, 21.8066



76.6130, -16.5712, -4.9226

Square

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



83.1350, 8.8074, 21.8066



80.1700, -17.8318, 26.1609



72.8260, -6.3232, -25.2804



64.9940, 25.6390, -56.9997

Rectangle

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



83.1350, 8.8074, 21.8066



81.2710, -7.5286, 34.8423



72.8260, -6.3232, -25.2804



64.3610, 15.5980, -56.4446

Sweetspot

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



83.1350, 8.8074, 21.8066



130.9670, 3.4673, 7.9219



73.7670, 16.8769, 0.2043



65.6030, 2.1677, 4.7332



199.0000, 0.0000, 0.0000



71.0000, 0.0000, 0.0000

Same Dimension

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



83.1350, 8.8074, 21.8066



101.1780, 13.7162, 34.0469



80.8550, 0.0715, 23.8062



50.3640, 1.2995, 3.1888



46.0410, 25.1228, 62.2310



96.3970, 52.5553, 130.3248

Inverse Universe

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



83.1350, 8.8074, 21.8066



101.1780, 13.7162, 34.0469



94.1450, -0.0715, -23.8062



50.3640, 1.2995, 3.1888



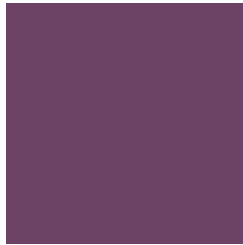
46.0410, 25.1228, 62.2310



96.3970, 52.5553, 130.3248

Previews

White Background



This preview shows how the YUV color 83.1350, 8.8074, 21.8066 looks on a white background.

Color Contrast Check

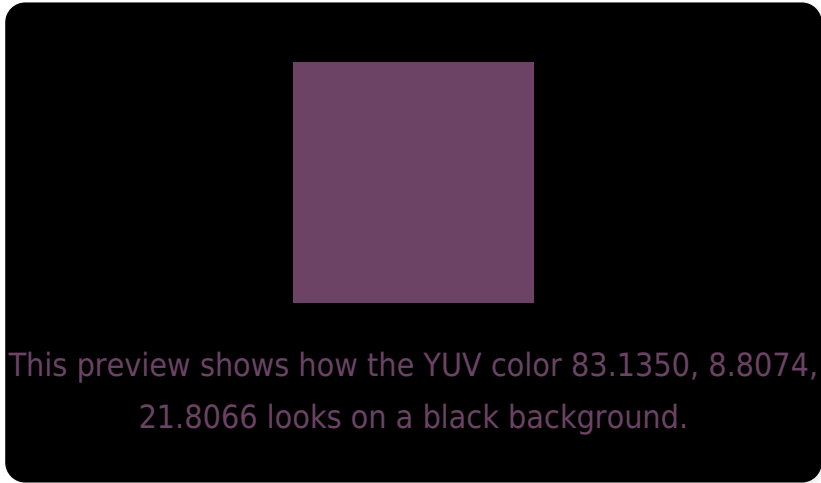
Large Text (above 18pt) WCAG AA ✓ Pass

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

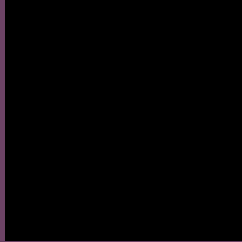
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 83.1350, 8.8074, 21.8066

Background



This preview shows how black text looks on a background with the YUV color 83.1350, 8.8074, 21.8066.



This preview shows how white text looks on a background with the YUV color 83.1350, 8.8074,

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

83.1350, 8.8074, 21.8066

Protanopia

81.0280, 14.2832, -7.9176

Deuteranopia

81.5790, 8.5886, -1.3848



Tritanopia

82.4370, -2.6804, 19.7878

Trichromacy



Original Color

83.1350, 8.8074, 21.8066

Protanomaly

81.6380, 12.5035, 2.9485

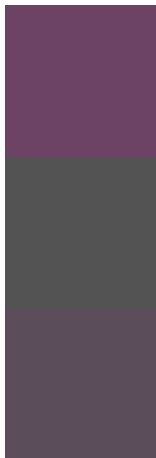
Deuteranomaly

82.3350, 8.7088, 6.7222

Tritanomaly

82.5880, 1.6821, 20.5323

Monochromacy



Original Color

83.1350, 8.8074, 21.8066

Achromatopsia

83.0000, 0.0000, 0.0000

Achromatomaly

82.9670, 3.4673, 7.9219

CSS Examples

Text

The CSS property to change the color of the text to YUV 83.1350, 8.8074, 21.8066 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(108, 67, 101)` looks like.

```
.text, #text, p{  
    color:rgb(108, 67, 101)  
}
```

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(108, 67, 101) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 67, 101) }
```

Border

The CSS property to change the border of an element to YUV 83.1350, 8.8074, 21.8066 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(108, 67, 101) }
```


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

```
.border{ border-color:rgb(108, 67, 101) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 67, 101)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 67, 101); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 67, 101);  
box-shadow:4px 4px 4px 4px rgb(108, 67,  
101) }
```

Background

The CSS property to change the background color of an element to YUV 83.1350, 8.8074, 21.8066 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 67, 101) }
```

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

```
.background{ background-color: rgb(108, 67,  
101) }
```

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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