

# Converting Colors

YUV(85.4250, 2.2555, 23.3063)

Have a look what the booklet for  
YUV(85.4250, 2.2555, 23.3063)  
contains.

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# Color

**YUV(85.4250, 2.2555,  
23.3063)**

# Conversions

## Conversions Part 1

Format	Color
Hex	70475A
RGB	112, 71, 90
RGB Percent	44%, 28%, 35%
CMY	0.5608, 0.7216, 0.6471
CMYK	0.00, 0.37, 0.20, 0.56
HSL	332°, 22%, 36%
HSV	332°, 37%, 44%
XYZ	10.7808, 8.6894, 10.7819
YIQ	85.4250, 18.3370, 14.6010

# Conversions

## Conversions Part 2

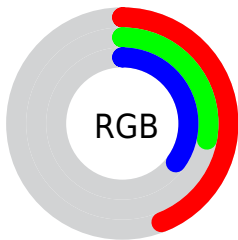
<b>Format</b>	<b>Color</b>
<b>RYB</b>	112, 71, 90
Decimal	7358298
CIELab	35.38, 20.57, -3.94
CIELCh	35, 20.945, 349.148
Yxy	8.6894, 0.3564, 0.2872
Android (android.graphics.Color)	4285548378 (0xFF70475A)
YUV	85.4250, 2.2555, 23.3063
Hunter-Lab	29.4778, 13.6959, -1.0516

# Details

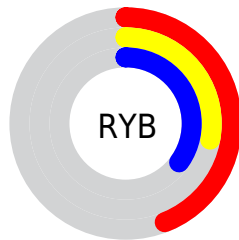
The YUV color **85.4250, 2.2555, 23.3063** is a dark color, and the websafe version is hex **663333**. A complement of this color would be **97.5750, -2.2555, -23.3063**, and the grayscale version is **85.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **135.7350, 2.1026, 25.6654**, and **39.1150, 2.4083, 20.9471** is the 20% darker color. If you saturate the color by 10%, you get **78.2840, 2.8180, 29.5689**, and if you desaturate by 10%, it is **92.5660, 1.6930, 17.0436**.

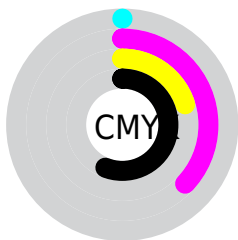
# Distribution



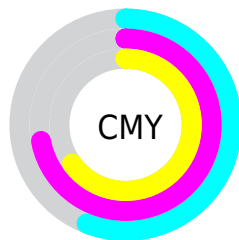
- Red (44%)
- Green (28%)
- Blue (35%)



- Red (44%)
- Yellow (28%)
- Blue (35%)



- Cyan (0%)
- Magenta (37%)
- Yellow (20%)
- Black (56%)



- Cyan (56%)
- Magenta (72%)
- Yellow (65%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 85.4250, 2.2555, 23.3063 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 85.4250, 2.2555, 23.3063 by changing the saturation by 10% instead.



85.4250, 2.2555,  
23.3063

85.4250, 2.2555,  
23.3063

255.0000, 0.0000,  
0.0000

61.8270, 2.5503,  
22.0767

135.7350, 2.1026,  
25.6654

39.1150, 2.4083,  
20.9471

162.0340, 1.9552,  
26.2802

16.4570, 3.7187,  
20.6472

189.3330, 1.8078,  
26.8950

0.5980, -0.2948,  
1.2296

217.0450, 1.9498,  
28.0245

0.0000, 0.0000,  
0.0000

238.5810, 5.6296,  
14.3995

85.4250, 2.2555,  
23.3063

85.4250, 2.2555,  
23.3063

78.2840, 2.8180,  
29.5689

92.5660, 1.6930,  
17.0436

71.1430, 3.3805,  
35.8316

99.7070, 1.1304,  
10.7810

63.4150, 4.2324,  
42.6090

107.4350, 0.2785,  
4.0035

56.2740, 4.7949,  
48.8717

114.5760, -0.2840,  
-2.2592

49.1330, 5.3574,  
55.1344

121.7170, -0.8465,  
-8.5218

41.9920, 5.9199,  
61.3970

128.8580, -1.4090,  
-14.7845

39.4160, 6.2039,  
63.6562

135.9990, -1.9715,  
-21.0471

143.7270, -2.8234,

-27.8246

■ 150.8680, -3.3859,  
-34.0872

# Harmonies

## Analogous

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



85.2970, 9.7136, 11.1405



85.4250, 2.2555, 23.3063



84.6830, -5.7597, 27.4650

# Triad

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



85.4250, 2.2555, 23.3063



81.4120, -14.9931, 2.2697



72.9160, 17.2964, -41.1453

# Complementary

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



85.4250, 2.2555, 23.3063



97.5750, -2.2555, -23.3063

# 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.



72.1950, 10.7499, -41.3900



85.4250, 2.2555, 23.3063



79.2190, -8.9820, -12.4701

# Square

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



85.4250, 2.2555, 23.3063



82.5600, -16.0521, 15.2949



75.8240, 0.0868, -27.9096



79.2430, 18.1212, -25.6461



# Rectangle

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



85.4250, 2.2555, 23.3063



84.1190, -10.4117, 26.2056



75.8240, 0.0868, -27.9096



71.8510, 15.8495, -43.7193

# Sweetspot

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



85.4250, 2.2555, 23.3063



134.6960, 1.1359, 9.0366



82.2520, 14.6658, 9.4260



67.5600, 0.7099, 5.6479



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.



85.4250, 2.2555, 23.3063



103.5560, 3.6699, 36.3464



83.8460, -6.3331, 24.6911



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.



85.4250, 2.2555, 23.3063



103.5560, 3.6699, 36.3464



99.1540, 6.3331, -24.6911



52.1360, 0.4260, 3.3887



42.2640, 6.7718, 68.1745

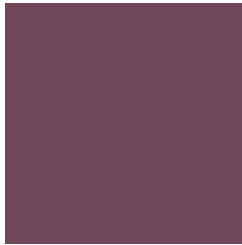


86.9630, 13.8222, 140.3524



# Previews

## White Background



This preview shows how the YUV color 85.4250, 2.2555, 23.3063 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

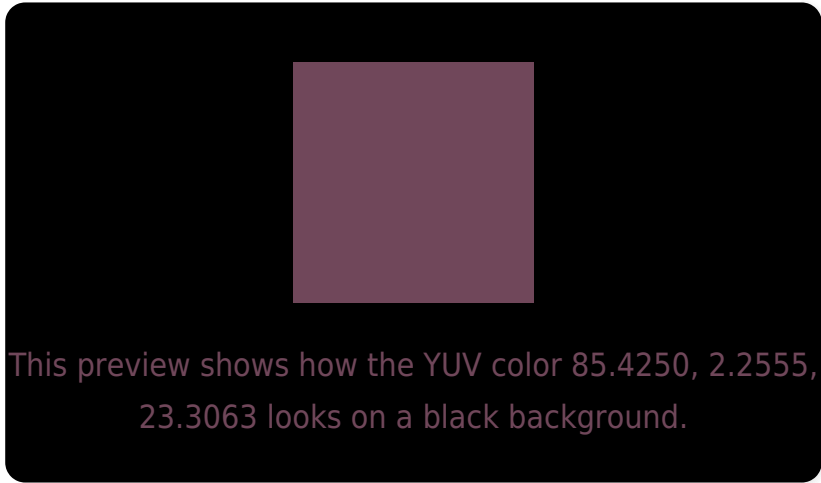
Any Text WCAG AA ✓ Pass

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

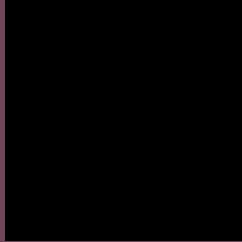
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

**YUV 85.4250, 2.2555, 23.3063**

## **Background**



This preview shows how black text looks on a background with the YUV color 85.4250, 2.2555, 23.3063.



This preview shows how white text looks on a background with the YUV color 85.4250, 2.2555,



# 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

85.4250, 2.2555, 23.3063

### Protanopia

84.1120, 6.8468, -2.7292

### Deuteranopia

84.4890, 1.7309, 4.8331



## Tritanopia

85.0460, -2.9807, 22.7617

# Trichromacy



## Original Color

85.4250, 2.2555, 23.3063

## Protanomaly

84.7110, 5.0725, 6.3925

## Deuteranomaly

84.6470, 2.1460, 11.7106

## Tritanomaly

84.9150, -0.9441, 22.8765

# Monochromacy



## Original Color

85.4250, 2.2555, 23.3063

## Achromatopsia

85.0000, 0.0000, 0.0000

## Achromatomaly

85.2830, 0.8465, 8.5218

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 85.4250, 2.2555, 23.3063 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(112, 71, 90)` looks like.

```
.text, #text, p{  
    color:rgb(112, 71, 90)  
}
```

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(112, 71, 90) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(112, 71, 90) }
```

## Border

The CSS property to change the border of an element to YUV 85.4250, 2.2555, 23.3063 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(112, 71, 90) }
```



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

```
.border{ border-color:rgb(112, 71, 90) }
```

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

Here you see how a box with a 4 pixel `rgb(112, 71, 90)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(112, 71, 90); -webkit-box-  
shadow:4px 4px 4px 4px rgb(112, 71, 90);  
box-shadow:4px 4px 4px 4px rgb(112, 71,  
90) }
```

# Background

The CSS property to change the background color of an element to YUV 85.4250, 2.2555, 23.3063 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(112, 71, 90) }
```

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

```
.background{ background-color: rgb(112, 71,  
90) }
```

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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