

# Converting Colors

YUV(85.3140, 10.6912, 24.2806)

Have a look what the booklet for  
YUV(85.3140, 10.6912, 24.2806)  
contains.

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# Color

**YUV(85.3140, 10.6912,  
24.2806)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	71436B
RGB	113, 67, 107
RGB Percent	44%, 26%, 42%
CMY	0.5569, 0.7373, 0.5804
CMYK	0.00, 0.41, 0.05, 0.56
HSL	308°, 26%, 35%
HSV	308°, 41%, 44%
XYZ	11.4710, 8.5866, 14.9627
YIQ	85.3140, 14.5760, 22.1920

# Conversions

## Conversions Part 2

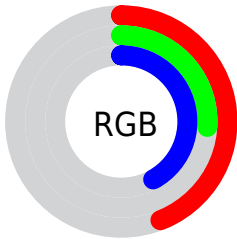
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	113, 67, 107
Decimal	7422827
CIE <sub>Lab</sub>	35.18, 26.51, -14.97
CIE <sub>LCh</sub>	35, 30.444, 330.537
Yxy	8.5866, 0.3276, 0.2452
Android (android.graphics.Color)	4285612907 (0xFF71436B)
<b>YUV</b>	85.3140, 10.6912, 24.2806
Hunter-Lab	29.3028, 18.5967, -9.7629

# Details

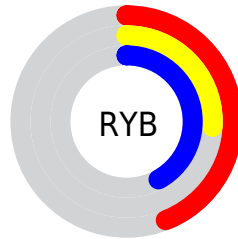
The YUV color  $85.3140, 10.6912, 24.2806$  is a dark color, and the websafe version is hex  $663366$ . A complement of this color would be  $94.6860, -10.6912, -24.2806$ , and the grayscale version is  $85.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $135.7380, 10.9752, 26.5398$ , and  $38.3030, 10.6966, 22.5363$  is the 20% darker color. If you saturate the color by 10%, you get  $78.7430, 13.4377, 30.0434$ , and if you desaturate by 10%, it is  $91.8850, 7.9447, 18.5179$ .

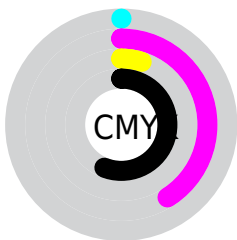
# Distribution



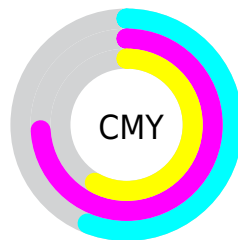
- Red (44%)
- Green (26%)
- Blue (42%)



- Red (44%)
- Yellow (26%)
- Blue (42%)



- Cyan (0%)
- Magenta (41%)
- Yellow (5%)
- Black (56%)



- Cyan (56%)
- Magenta (74%)
- Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 85.3140, 10.6912, 24.2806 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 85.3140, 10.6912, 24.2806 by changing the saturation by 10% instead.



85.3140, 10.6912,  
24.2806

85.3140, 10.6912,  
24.2806

255.0000, 0.0000,  
0.0000

61.6020, 10.5492,  
23.1510

135.7380, 10.9752,  
26.5398

38.3030, 10.6966,  
22.5363

162.1510, 11.2646,  
27.0546

16.5910, 10.5546,  
21.4067

189.5640, 11.5539,  
27.5694

3.9170, 5.9569,  
2.7038

217.3900, 12.1327,  
28.5990

0.0000, 0.0000,  
0.0000

236.8030, 8.9711,  
15.9588

253.8260, 0.5788,

1.0296

■ 85.3140, 10.6912,  
24.2806

■ 85.3140, 10.6912,  
24.2806

■ 78.7430, 13.4377,  
30.0434

■ 91.8850, 7.9447,  
18.5179

■ 71.4710, 16.0368,  
36.4209

■ 99.1570, 5.3456,  
12.1403

■ 64.9000, 18.7833,  
42.1837

■ 105.7280, 2.5991,  
6.3775

■ 58.2150, 21.0930,  
48.0464

■ 112.4130, 0.2894,  
0.5148

■ 51.6440, 23.8395,  
53.8092

■ 119.5710, -2.7465,  
-5.7628

■ 44.9590, 26.1492,  
59.6720

■ 126.2560, -5.0562,  
-11.6255

■ 132.8270, -7.8027,  
-17.3883

■ 139.5120,  
-10.1124, -23.2510

■ 146.6700,  
-13.1483, -29.5286

# Harmonies

## Analogous

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



84.2770, 20.0764, 0.6341



85.3140, 10.6912, 24.2806



83.8290, -0.4087, 37.8610

# Triad

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



85.3140, 10.6912, 24.2806



80.7850, -24.0510, 14.2206



67.9630, 19.2452, -59.6036

# Complementary

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



85.3140, 10.6912, 24.2806



94.6860, -10.6912, -24.2806

# 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.



65.1130, 8.3253, -57.1041



85.3140, 10.6912, 24.2806



78.2170, -19.3340, -5.4523

# Square

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



85.3140, 10.6912, 24.2806



82.2090, -20.3160, 29.6347



73.1630, -7.4754, -29.0840



67.6670, 28.2652, -59.3440



# Rectangle

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



85.3140, 10.6912, 24.2806



82.8910, -7.8343, 39.5606



73.1630, -7.4754, -29.0840



67.0510, 15.7509, -58.8037

# Sweetspot

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



85.3140, 10.6912, 24.2806



137.2060, 4.3354, 9.4663



73.7390, 19.3557, -1.5251



68.0160, 2.4571, 5.2480



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.



85.3140, 10.6912, 24.2806



104.0090, 16.7576, 38.5801



82.8060, 1.0816, 26.4801



52.3640, 1.2995, 3.1888



47.7360, 27.7382, 63.3755



98.3630, 57.5020, 130.3546



# Inverse Universe

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



85.3140, 10.6912, 24.2806



104.0090, 16.7576, 38.5801



97.1940, -1.0816, -26.4801



52.3640, 1.2995, 3.1888



47.7360, 27.7382, 63.3755

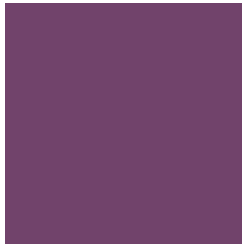


98.3630, 57.5020, 130.3546



# Previews

## White Background



This preview shows how the YUV color 85.3140, 10.6912, 24.2806 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

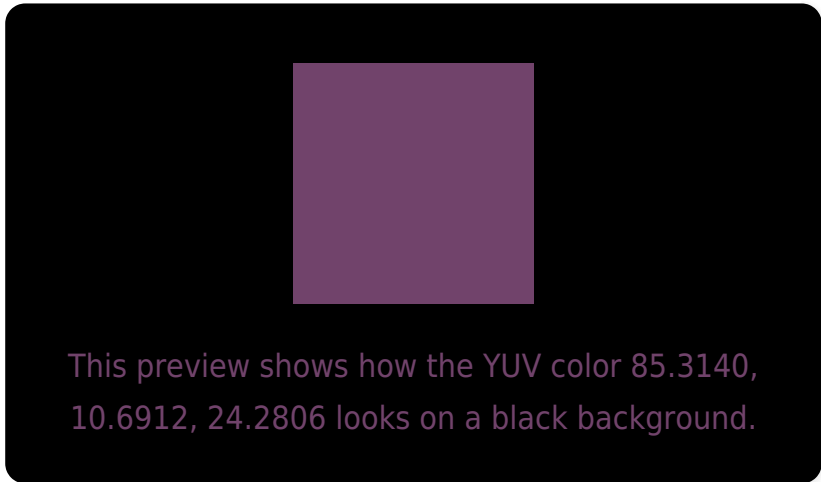
Any Text WCAG AA ✓ Pass

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 85.3140, 10.6912, 24.2806

## Background



This preview shows how black text looks on a background with the YUV color 85.3140, 10.6912, 24.2806.



This preview shows how white text looks on a background with the YUV color 85.3140, 10.6912,



# 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

85.3140, 10.6912, 24.2806

### Protanopia

83.1140, 17.1988, -9.7470

### Deuteranopia

83.9100, 9.9044, -3.4291



## Tritanopia

84.6330, -3.2701, 22.2469

# Trichromacy



## Original Color

85.3140, 10.6912, 24.2806

## Protanomaly

84.2080, 14.6875, 2.4486

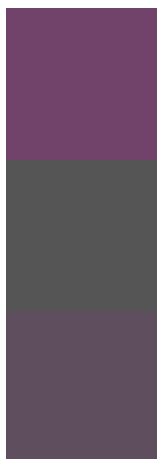
## Deuteranomaly

84.6770, 10.0192, 6.4223

## Tritanomaly

85.0120, 1.9661, 22.7915

# Monochromacy



## Original Color

85.3140, 10.6912, 24.2806

## Achromatopsia

85.0000, 0.0000, 0.0000

## Achromatomaly

84.7930, 4.0461, 8.9515

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 85.3140, 10.6912, 24.2806 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(113, 67, 107)` looks like.

```
.text, #text, p{  
    color:rgb(113, 67, 107)  
}
```

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(113, 67, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 67, 107) }
```

## Border

The CSS property to change the border of an element to YUV 85.3140, 10.6912, 24.2806 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(113, 67, 107) }
```



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

```
.border{ border-color:rgb(113, 67, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 67, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(113, 67, 107); -webkit-box-shadow:4px 4px 4px 4px rgb(113, 67, 107); box-shadow:4px 4px 4px 4px rgb(113, 67, 107) }
```

# Background

The CSS property to change the background color of an element to YUV 85.3140, 10.6912, 24.2806 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 67, 107) }
```

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

```
.background{ background-color: rgb(113, 67,  
107) }
```

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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