

# Converting Colors

YUV(86.7270, 10.9806, 24.7954)

Have a look what the booklet for  
YUV(86.7270, 10.9806, 24.7954)  
contains.

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# Color

**YUV(86.7270, 10.9806,  
24.7954)**

# Conversions

## Conversions Part 1

| <b>Format</b> | <b>Color</b>              |
|---------------|---------------------------|
| Hex           | 73446D                    |
| RGB           | 115, 68, 109              |
| RGB Percent   | 45%, 27%, 43%             |
| CMY           | 0.5490, 0.7333, 0.5725    |
| CMYK          | 0.00, 0.41, 0.05, 0.55    |
| HSL           | 308°, 26%, 36%            |
| HSV           | 308°, 41%, 45%            |
| XYZ           | 11.8977, 8.8832, 15.5556  |
| YIQ           | 86.7270, 14.8510, 22.7150 |

# Conversions

## Conversions Part 2

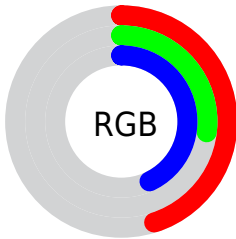
| <b>Format</b>                       | <b>Color</b>                  |
|-------------------------------------|-------------------------------|
| R <sub>Y</sub> B                    | 115, 68, 109                  |
| Decimal                             | 7554157                       |
| CIE Lab                             | 35.76, 27.02, -15.31          |
| CIE LCh                             | 36, 31.059, 330.457           |
| Yxy                                 | 8.8832, 0.3274,<br>0.2445     |
| Android<br>(android.graphics.Color) | 4285744237<br>(0xFF73446D)    |
| YUV                                 | 86.7270, 10.9806,<br>24.7954  |
| Hunter-Lab                          | 29.8047, 19.0967,<br>-10.0811 |

# Details

The YUV color **86.7270, 10.9806, 24.7954** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **96.2730, -10.9806, -24.7954**, and the grayscale version is **87.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **137.2650, 11.7014, 26.9546**, and **39.3030, 10.6966, 22.5363** is the 20% darker color. If you saturate the color by 10%, you get **80.1560, 13.7271, 30.5582**, and if you desaturate by 10%, it is **93.8850, 7.9447, 18.5179**.

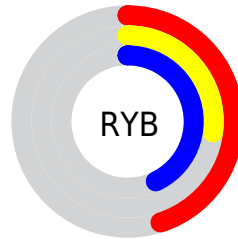
# Distribution



Red (45%)

Green (27%)

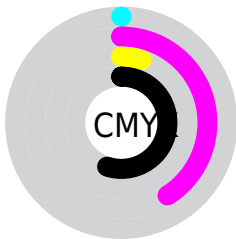
Blue (43%)



Red (45%)

Yellow (27%)

Blue (43%)

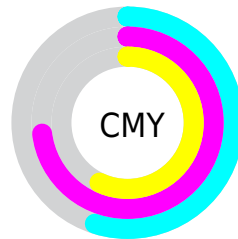


Cyan (0%)

Magenta (41%)

Yellow (5%)

Black (55%)



Cyan (55%)

Magenta (73%)

Yellow (57%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 86.7270, 10.9806, 24.7954 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 86.7270, 10.9806, 24.7954 by changing the saturation by 10% instead.



86.7270, 10.9806,  
24.7954

86.7270, 10.9806,  
24.7954

255.0000, 0.0000,  
0.0000

63.0150, 10.8386,  
23.6658

137.2650, 11.7014,  
26.9546

39.3030, 10.6966,  
22.5363

163.6780, 11.9907,  
27.4694

17.0040, 10.8440,  
21.9215

191.2760, 11.6959,  
28.6989

5.9390, 5.9461,  
6.1925

219.6890, 11.9853,  
29.2137

0.0000, 0.0000,  
0.0000

237.9770, 8.3923,  
14.9292

86.7270, 10.9806,  
24.7954

86.7270, 10.9806,  
24.7954

80.1560, 13.7271,  
30.5582

93.8850, 7.9447,  
18.5179

72.8840, 16.3262,  
36.9357

100.5700, 5.6350,  
12.6551

65.7260, 19.3621,  
43.2133

107.7280, 2.5991,  
6.3775

59.0410, 21.6718,  
49.0760

114.4130, 0.2894,  
0.5148

51.8830, 24.7077,  
55.3536

121.5710, -2.7465,  
-5.7628


45.7850, 26.7280,  
60.7016

128.2560, -5.0562,  
-11.6255

134.8270, -7.8027,  
-17.3883

142.0990,

-10.4018, -23.7658

 149.2570,  
-13.4377, -30.0434

# Harmonies

## Analogous

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



85.3910, 20.5132, 0.5341



86.7270, 10.9806, 24.7954



85.2420, -0.1193, 38.3758

# Triad

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



86.7270, 10.9806, 24.7954



81.7850, -24.0510, 14.2206



68.7780, 19.8294, -60.3183

# Complementary

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



86.7270, 10.9806, 24.7954



96.2730, -10.9806, -24.7954

# 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.



66.5150, 8.6201, -58.3337



86.7270, 10.9806, 24.7954



79.1030, -19.7708, -5.3523

# Square

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



86.7270, 10.9806, 24.7954



83.3940, -20.9002, 30.3495



74.7500, -7.7648, -29.5987



69.0690, 28.5600, -60.5735



# Rectangle

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



86.7270, 10.9806, 24.7954



84.4890, -8.1291, 40.7901



74.7500, -7.7648, -29.5987



68.4530, 16.0457, -60.0333

# Sweetspot

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



86.7270, 10.9806, 24.7954



139.2060, 4.3354, 9.4663



74.8530, 19.7925, -1.6251



70.3150, 2.3097, 5.8627



204.0000, 0.0000, 0.0000



77.0000, 0.0000, 0.0000



# Same Dimension

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



86.7270, 10.9806, 24.7954



106.1230, 17.1944, 38.4801



84.1050, 0.9342, 27.0949



55.3640, 1.2995, 3.1888



48.6760, 28.7537, 64.3051



99.6020, 58.3702, 131.8990



# Inverse Universe

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



86.7270, 10.9806, 24.7954



106.1230, 17.1944, 38.4801



98.8950, -0.9342, -27.0949



55.3640, 1.2995, 3.1888



48.6760, 28.7537, 64.3051

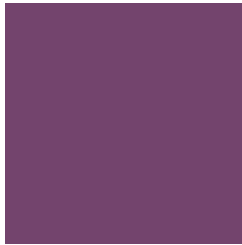


99.6020, 58.3702, 131.8990



# Previews

## White Background



This preview shows how the YUV color 86.7270, 10.9806, 24.7954 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

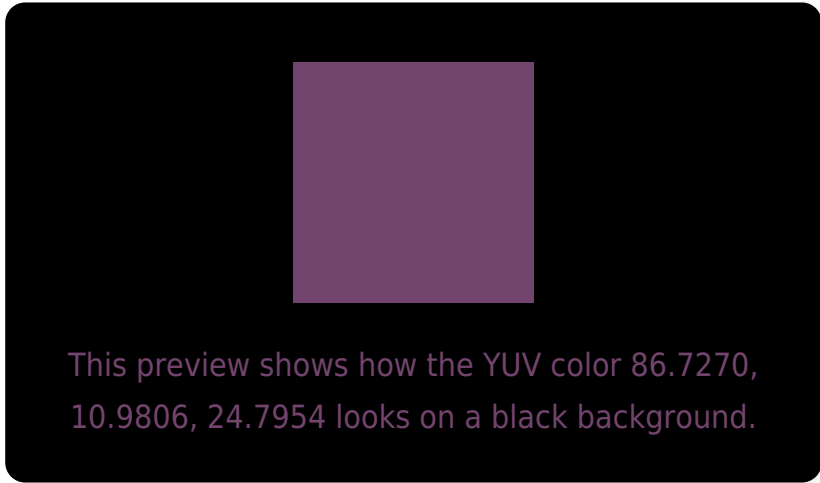
Any Text WCAG AA ✓ Pass

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

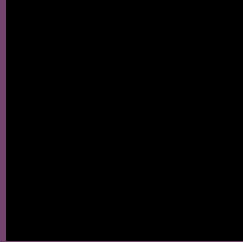
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 86.7270, 10.9806, 24.7954

## Background



This preview shows how black text looks on a background with the YUV color 86.7270, 10.9806, 24.7954.



This preview shows how white text looks on a background with the YUV color 86.7270, 10.9806,



# 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

86.7270, 10.9806, 24.7954

### Protanopia

84.3420, 18.0724, -9.9469

### Deuteranopia

85.0240, 10.3412, -3.5290



## Tritanopia

85.7470, -2.8333, 22.1469

# Trichromacy



## Original Color

86.7270, 10.9806, 24.7954

## Protanomaly

85.4360, 15.5611, 2.2486

## Deuteranomaly

85.7910, 10.4560, 6.3223

## Tritanomaly

86.1260, 2.4029, 22.6915

# Monochromacy



## Original Color

86.7270, 10.9806, 24.7954

## Achromatopsia

87.0000, 0.0000, 0.0000

## Achromatomaly

86.7930, 4.0461, 8.9515

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 86.7270, 10.9806, 24.7954 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(115, 68, 109)` looks like.

```
.text, #text, p{  
    color:rgb(115, 68, 109)  
}
```

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(115, 68, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(115, 68, 109) }
```

## Border

The CSS property to change the border of an element to YUV 86.7270, 10.9806, 24.7954 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".

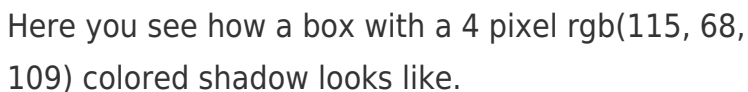
```
.border, #border, table{ border:4px solid rgb(115, 68, 109) }
```



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

```
.border{ border-color:rgb(115, 68, 109) }
```

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



Here you see how a box with a 4 pixel `rgb(115, 68, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(115, 68, 109); -webkit-box-shadow:4px 4px 4px 4px rgb(115, 68, 109); box-shadow:4px 4px 4px 4px rgb(115, 68, 109) }
```

# Background

The CSS property to change the background color of an element to YUV 86.7270, 10.9806, 24.7954 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(115, 68, 109) }
```

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

```
.background{ background-color: rgb(115, 68,  
109) }
```

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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