

# Converting Colors

YUV(82.6240, 7.0874, 13.4848)

Have a look what the booklet for  
YUV(82.6240, 7.0874, 13.4848)  
contains.

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# Color

**YUV(82.6240, 7.0874,  
13.4848)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	624861
RGB	98, 72, 97
RGB Percent	38%, 28%, 38%
CMY	0.6157, 0.7176, 0.6196
CMYK	0.00, 0.27, 0.01, 0.62
HSL	302°, 15%, 33%
HSV	302°, 27%, 38%
XYZ	9.5120, 8.0945, 12.3703
YIQ	82.6240, 7.4710, 13.2870

# Conversions

## Conversions Part 2

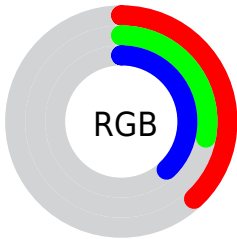
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	98, 72, 97
Decimal	6441057
CIE <sub>Lab</sub>	34.18, 15.85, -10.35
CIE <sub>LCh</sub>	34, 18.931, 326.856
Yxy	8.0945, 0.3173, 0.2700
Android (android.graphics.Color)	4284631137 (0xFF624861)
YUV	82.6240, 7.0874, 13.4848
Hunter-Lab	28.4508, 9.8896, -5.8636

# Details

The YUV color **82.6240, 7.0874, 13.4848** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **87.3760, -7.0874, -13.4848**, and the grayscale version is **83.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **132.4500, 7.6662, 14.5144**, and **37.4990, 6.6560, 11.8404** is the 20% darker color. If you saturate the color by 10%, you get **76.7540, 9.9813, 18.6327**, and if you desaturate by 10%, it is **88.4940, 4.1935, 8.3368**.

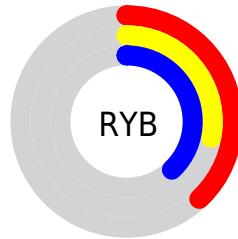
# Distribution



Red (38%)

Green (28%)

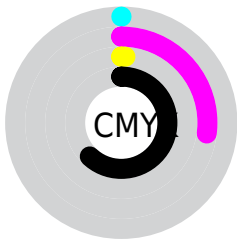
Blue (38%)



Red (38%)

Yellow (28%)

Blue (38%)

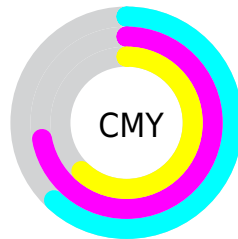


Cyan (0%)

Magenta (27%)

Yellow (1%)

Black (62%)



Cyan (62%)

Magenta (72%)

Yellow (62%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 82.6240, 7.0874, 13.4848 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 82.6240, 7.0874, 13.4848 by changing the saturation by 10% instead.



82.6240, 7.0874,  
13.4848

82.6240, 7.0874,  
13.4848

255.0000, 0.0000,  
0.0000

59.2110, 6.7980,  
12.9700

132.4500, 7.6662,  
14.5144

37.4990, 6.6560,  
11.8404

158.7490, 7.5187,  
15.1291

15.0370, 7.3768,  
13.9996

185.2760, 8.2449,  
15.5439

0.1140, 0.4368,  
-0.1000

213.5750, 8.0975,  
16.1587

0.0000, 0.0000,  
0.0000

239.7380, 7.5242,  
13.3848

82.6240, 7.0874,  
13.4848

82.6240, 7.0874,  
13.4848

76.7540, 9.9813,  
18.6327

88.4940, 4.1935,  
8.3368

70.7700, 12.4384,  
23.8807

94.4780, 1.7363,  
3.0888

65.4870, 15.0429,  
28.5139

99.7610, -0.8682,  
-1.5444

59.5030, 17.5000,  
33.7619

105.7450, -3.3253,  
-6.7924

53.6330, 20.3939,  
38.9099

111.6150, -6.2192,  
-11.9404

47.7630, 23.2878,  
44.0578

117.4850, -9.1131,  
-17.0883

41.7790, 25.7450,  
49.3058


123.4690,  
-11.5702, -22.3363

40.0180, 26.6131,

128.7520,

50.8502

-14.1747, -26.9695

 134.6220,  
-17.0686, -32.1175

# Harmonies

## Analogous

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



81.3170, 12.6617, -1.1550



82.6240, 7.0874, 13.4848



82.2570, 0.3663, 22.5766

# Triad

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



82.6240, 7.0874, 13.4848



79.5810, -14.5834, 10.8915



70.9290, 10.8810, -36.7717

# Complementary

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



82.6240, 7.0874, 13.4848



87.3760, -7.0874, -13.4848

# 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.



73.1060, 2.4127, -27.2800



82.6240, 7.0874, 13.4848



78.3730, -12.5089, -1.2041

# Square

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



82.6240, 7.0874, 13.4848



80.9180, -12.2846, 20.2429



75.8920, -6.3558, -14.8143



73.2160, 15.6695, -32.6384



# Rectangle

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



82.6240, 7.0874, 13.4848



81.6010, -4.7333, 24.9059



75.8920, -6.3558, -14.8143



71.9570, 8.4022, -35.0423

# Sweetspot

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



82.6240, 7.0874, 13.4848



121.4290, 2.7465, 5.7628



75.2630, 11.2093, -1.9847



59.8910, 2.0257, 3.6036



191.0000, 0.0000, 0.0000



64.0000, 0.0000, 0.0000



# Same Dimension

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



82.6240, 7.0874, 13.4848



103.7050, 10.9914, 21.3067



81.1420, 1.4090, 14.7845



45.6520, 1.1576, 2.0592



45.8000, 30.6646, 58.0574



97.9800, 65.0859, 124.5515



# Inverse Universe

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



82.6240, 7.0874, 13.4848



103.7050, 10.9914, 21.3067



88.8580, -1.4090, -14.7845



45.6520, 1.1576, 2.0592



45.8000, 30.6646, 58.0574



97.9800, 65.0859, 124.5515



# Previews

## White Background



This preview shows how the YUV color 82.6240, 7.0874, 13.4848 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



This preview shows how the YUV color 82.6240, 7.0874, 13.4848 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

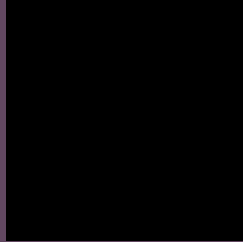
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 82.6240, 7.0874, 13.4848

## Background



This preview shows how black text looks on a background with the YUV color 82.6240, 7.0874, 13.4848.



This preview shows how white text looks on a background with the YUV color 82.6240, 7.0874,



# 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

82.6240, 7.0874, 13.4848

### Protanopia

81.0130, 10.3466, -5.2734

### Deuteranopia

81.5360, 7.1308, -0.4701



## Tritanopia

81.9630, -0.4748, 12.3104

# Trichromacy



## Original Color

82.6240, 7.0874, 13.4848

## Protanomaly

81.4160, 9.1619, 1.3892

## Deuteranomaly

81.5690, 7.1145, 4.7630

## Tritanomaly

82.3590, 2.2880, 12.8402

# Monochromacy



## Original Color

82.6240, 7.0874, 13.4848

## Achromatopsia

83.0000, 0.0000, 0.0000

## Achromatomaly

82.7170, 2.6045, 4.6332

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 82.6240, 7.0874, 13.4848 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(98, 72, 97)` looks like.

```
.text, #text, p{  
    color:rgb(98, 72, 97)  
}
```

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(98, 72, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(98, 72, 97) }
```

## Border

The CSS property to change the border of an element to YUV 82.6240, 7.0874, 13.4848 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(98, 72, 97) }
```



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

```
.border{ border-color:rgb(98, 72, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(98, 72, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(98, 72, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(98, 72, 97);  
box-shadow:4px 4px 4px 4px rgb(98, 72, 97)  
}
```

# Background

The CSS property to change the background color of an element to YUV 82.6240, 7.0874, 13.4848 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(98, 72, 97) }
```

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

```
.background{ background-color: rgb(98, 72,  
97) }
```

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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