

# Converting Colors

YUV(82.9060, 9.4133, 14.1144)

Have a look what the booklet for  
YUV(82.9060, 9.4133, 14.1144)  
contains.

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# Color

**YUV(82.9060, 9.4133,  
14.1144)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	634766
RGB	99, 71, 102
RGB Percent	39%, 28%, 40%
CMY	0.6118, 0.7216, 0.6000
CMYK	0.03, 0.30, 0.00, 0.60
HSL	294°, 18%, 34%
HSV	294°, 30%, 40%
XYZ	9.7971, 8.1184, 13.6210
YIQ	82.9060, 6.7370, 15.5770

# Conversions

## Conversions Part 2

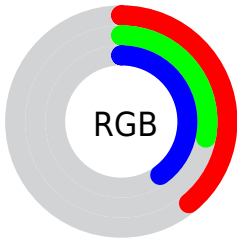
<b>Format</b>	<b>Color</b>
<b>RYB</b>	99, 71, 102
Decimal	6506342
CIELab	34.23, 17.93, -13.43
CIElCh	34, 22.402, 323.181
Yxy	8.1184, 0.3107, 0.2574
Android (android.graphics.Color)	4284696422 (0xFF634766)
YUV	82.9060, 9.4133, 14.1144
Hunter-Lab	28.4929, 11.5136, -8.3986

# Details

The YUV color **82.9060, 9.4133, 14.1144** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **90.0940, -9.4133, -14.1144**, and the grayscale version is **83.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **132.7320, 9.9921, 15.1440**, and **37.6670, 8.5452, 12.5700** is the 20% darker color. If you saturate the color by 10%, you get **76.7370, 12.4547, 18.6477**, and if you desaturate by 10%, it is **89.0750, 6.3720, 9.5812**.

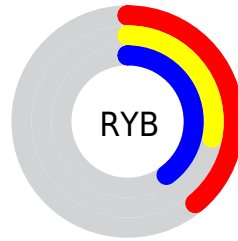
# Distribution



Red (39%)

Green (28%)

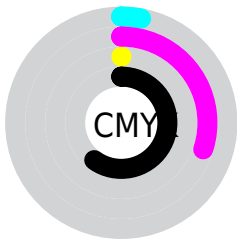
Blue (40%)



Red (39%)

Yellow (28%)

Blue (40%)

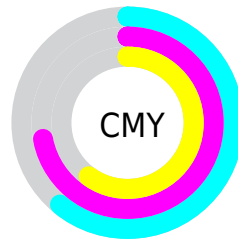


Cyan (3%)

Magenta (30%)

Yellow (0%)

Black (60%)



Cyan (61%)

Magenta (72%)

Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 82.9060, 9.4133, 14.1144 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 82.9060, 9.4133, 14.1144 by changing the saturation by 10% instead.



■ 82.9060, 9.4133,  
14.1144

■ 82.9060, 9.4133,  
14.1144

255.0000, 0.0000,  
0.0000

■ 59.4930, 9.1240,  
13.5996

■ 132.7320, 9.9921,  
15.1440

■ 37.6670, 8.5452,  
12.5700

■ 159.1450, 10.2815,  
15.6588

■ 14.9060, 9.4133,  
14.1144

■ 185.8570, 10.4235,  
16.7884

■ 0.9120, 3.4944,  
-0.7998

■ 213.9710, 10.8603,  
16.6884

■ 0.0000, 0.0000,  
0.0000

■ 239.1510, 7.8136,  
13.8996

82.9060, 9.4133,  
14.1144

82.9060, 9.4133,  
14.1144

76.7370, 12.4547,  
18.6477

89.0750, 6.3720,  
9.5812

70.5680, 15.4960,  
23.1809

95.2440, 3.3307,  
5.0480

63.8120, 18.8267,  
28.2289

102.0000, 0.0000,  
0.0000

57.6430, 21.8680,  
32.7621

108.1690, -3.0413,  
-4.5332

51.4740, 24.9093,  
37.2953

114.3380, -6.0826,  
-9.0664

45.3050, 27.9506,  
41.8285


120.5070, -9.1240,  
-13.5996

39.1360, 30.9920,  
46.3617

126.6760,  
-12.1653, -18.1329

133.4320,

-15.4960, -23.1809

 139.6010,  
-18.5373, -27.7141

# Harmonies

## Analogous

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



81.1040, 15.7247, -3.5992



82.9060, 9.4133, 14.1144



82.5070, 1.2290, 25.8654

# Triad

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



82.9060, 9.4133, 14.1144



79.6200, -17.0677, 14.3653



65.0410, 14.2768, -52.6560

# Complementary

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



82.9060, 9.4133, 14.1144



90.0940, -9.4133, -14.1144

# 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.



71.6600, 2.1396, -33.0278



82.9060, 9.4133, 14.1144



77.9880, -15.2771, 0.0105

# Square

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



82.9060, 9.4133, 14.1144



80.8970, -13.7532, 24.6463



75.4250, -8.0975, -16.1587



67.8550, 19.7915, -48.1078



# Rectangle

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



82.9060, 9.4133, 14.1144



82.0360, -4.4547, 28.9094



75.4250, -8.0975, -16.1587



67.3470, 10.1819, -45.9083

# Sweetspot

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



82.9060, 9.4133, 14.1144



125.3580, 3.7675, 4.9480



76.2950, 12.6726, -4.6437



61.8910, 2.0257, 3.6036



194.0000, 0.0000, 0.0000



66.0000, 0.0000, 0.0000



# Same Dimension

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



82.9060, 9.4133, 14.1144



103.3290, 14.6278, 21.6365



82.4350, 3.7295, 17.1585



48.0650, 1.4470, 2.5740



44.2060, 34.9014, 52.4393



93.0690, 73.4230, 110.4415



# Inverse Universe

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



80.6110, -3.2592, 18.7582



99.8080, -5.3283, 29.1094



90.5650, -3.7295, -17.1585



47.4950, -0.7370, 3.0739



35.6390, -12.1470, 69.5996

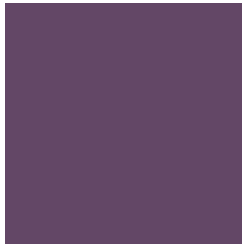


74.9800, -25.6261, 146.4765



# Previews

## White Background



This preview shows how the YUV color 82.9060, 9.4133, 14.1144 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 82.9060, 9.4133, 14.1144 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

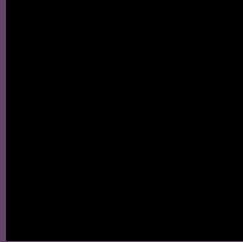
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 82.9060, 9.4133, 14.1144

## Background



This preview shows how black text looks on a background with the YUV color 82.9060, 9.4133, 14.1144.



This preview shows how white text looks on a background with the YUV color 82.9060, 9.4133,



# 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

82.9060, 9.4133, 14.1144

### Protanopia

81.0990, 13.2622, -7.1028

### Deuteranopia

81.0950, 9.3202, -2.7143



## Tritanopia

81.9630, -0.4748, 12.3104

# Trichromacy



## Original Color

82.9060, 9.4133, 14.1144

## Protanomaly

81.8010, 11.9301, 0.1745

## Deuteranomaly

81.8400, 9.4459, 3.6483

## Tritanomaly

82.5870, 3.1616, 12.6402

# Monochromacy



## Original Color

82.9060, 9.4133, 14.1144

## Achromatopsia

83.0000, 0.0000, 0.0000

## Achromatomaly

83.2440, 3.3307, 5.0480

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 82.9060, 9.4133, 14.1144 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(99, 71, 102)` looks like.

```
.text, #text, p{  
    color:rgb(99, 71, 102)  
}
```

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(99, 71, 102) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(99, 71, 102) }
```

## Border

The CSS property to change the border of an element to YUV 82.9060, 9.4133, 14.1144 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(99, 71, 102) }
```



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

```
.border{ border-color:rgb(99, 71, 102) }
```

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

Here you see how a box with a 4 pixel `rgb(99, 71, 102)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(99, 71, 102); -webkit-box-  
shadow:4px 4px 4px 4px rgb(99, 71, 102);  
box-shadow:4px 4px 4px 4px rgb(99, 71,  
102) }
```

# Background

The CSS property to change the background color of an element to YUV 82.9060, 9.4133, 14.1144 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(99, 71, 102) }
```

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

```
.background{ background-color: rgb(99, 71,  
102) }
```

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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