

# Converting Colors

YUV(82.2520, 14.6658, 9.4260)

Have a look what the booklet for  
YUV(82.2520, 14.6658, 9.4260)  
contains.

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# Color

**YUV(82.2520, 14.6658,  
9.4260)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	5D4770
RGB	93, 71, 112
RGB Percent	36%, 28%, 44%
CMY	0.6353, 0.7216, 0.5608
CMYK	0.17, 0.37, 0.00, 0.56
HSL	272°, 22%, 36%
HSV	272°, 37%, 44%
XYZ	9.6921, 8.0035, 16.3632
YIQ	82.2520, -0.0490, 17.4150

# Conversions

## Conversions Part 2

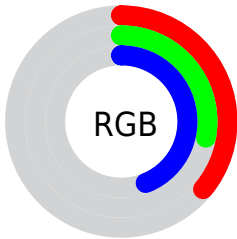
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	93, 71, 112
Decimal	6113136
CIE <sub>Lab</sub>	33.99, 18.12, -20.14
CIE <sub>LCh</sub>	34, 27.093, 311.974
Yxy	8.0035, 0.2846, 0.2350
Android (android.graphics.Color)	4284303216 (0xFF5D4770)
YUV	82.2520, 14.6658, 9.4260
Hunter-Lab	28.2904, 11.6444, -14.4901

# Details

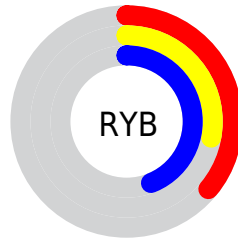
The YUV color **82.2520, 14.6658, 9.4260** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **100.7480, -14.6658, -9.4260**, and the grayscale version is **82.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **132.1920, 15.6813, 10.3556**, and **36.8990, 13.3608, 7.9816** is the 20% darker color. If you saturate the color by 10%, you get **74.3000, 18.5861, 12.0149**, and if you desaturate by 10%, it is **90.2040, 10.7454, 6.8371**.

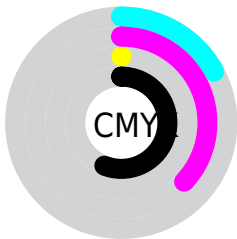
# Distribution



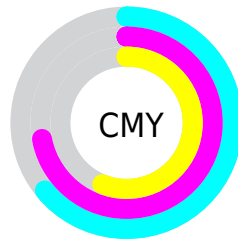
- Red (36%)
- Green (28%)
- Blue (44%)



- Red (36%)
- Yellow (28%)
- Blue (44%)



- Cyan (17%)
- Magenta (37%)
- Yellow (0%)
- Black (56%)



- Cyan (64%)
- Magenta (72%)
- Yellow (56%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 82.2520, 14.6658, 9.4260 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 82.2520, 14.6658, 9.4260 by changing the saturation by 10% instead.



82.2520, 14.6658,  
9.4260

82.2520, 14.6658,  
9.4260

255.0000, 0.0000,  
0.0000

58.7250, 13.9396,  
9.0112

132.1920, 15.6813,  
10.3556

36.8990, 13.3608,  
7.9816

158.0180, 16.2601,  
11.3852

14.3230, 13.6448,  
10.2407

185.1320, 16.6969,  
11.2852

2.8670, 8.4466,  
-2.5144

212.6590, 17.4231,  
11.7001

0.0000, 0.0000,  
0.0000

239.1510, 7.8136,  
13.8996

82.2520, 14.6658,  
9.4260

82.2520, 14.6658,  
9.4260

74.3000, 18.5861,  
12.0149

90.2040, 10.7454,  
6.8371

66.3480, 22.5064,  
14.6038

98.1560, 6.8251,  
4.2482

57.5100, 26.8636,  
17.0927

106.9940, 2.4680,  
1.7593

49.5580, 30.7839,  
19.6816

114.9460, -1.4524,  
-0.8296

41.6060, 34.7042,  
22.2705

122.8980, -5.3727,  
-3.4185

33.6540, 38.6246,  
24.8594


130.8500, -9.2930,  
-6.0074

30.7080, 40.0770,  
25.6891

138.8020,  
-13.2134, -8.5964

147.6400,

-17.5705, -11.0853

 155.5920,  
-21.4909, -13.6742

# Harmonies

## Analogous

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



78.5200, 21.4356, -15.3650



82.2520, 14.6658, 9.4260



82.0710, 5.8810, 27.1247

# Triad

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



82.2520, 14.6658, 9.4260



78.9800, -19.7101, 21.9425



63.4490, 12.1036, -55.6448

# Complementary

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



82.2520, 14.6658, 9.4260



100.7480, -14.6658, -9.4260

# 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.



69.3240, -1.6387, -34.4871



82.2520, 14.6658, 9.4260



77.1800, -19.8087, 6.8581

# Square

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



82.2520, 14.6658, 9.4260



80.2400, -13.9223, 32.2385



74.6660, -13.6393, -11.9851



65.1420, 21.1290, -57.1295



# Rectangle

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



82.2520, 14.6658, 9.4260



81.2800, -1.1240, 33.9574



74.6660, -13.6393, -11.9851



62.6510, 9.0461, -54.9449

# Sweetspot

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



82.2520, 14.6658, 9.4260



133.5150, 5.6621, 3.9333



86.8270, 12.4103, -13.8803



66.6350, 3.6309, 2.0741



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.



82.2520, 14.6658, 9.4260



98.7610, 22.7958, 15.1186



87.8190, 11.4282, 21.2067



51.8800, 2.0312, 1.8592



32.8160, 42.9817, 27.3484



67.9250, 88.2840, 57.0708



# 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



95.1810, -11.4282, -21.2067



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 82.2520, 14.6658, 9.4260 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 82.2520, 14.6658, 9.4260 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 82.2520, 14.6658, 9.4260**

## **Background**



This preview shows how black text looks on a background with the YUV color 82.2520, 14.6658, 9.4260.



This preview shows how white text looks on a background with the YUV color 82.2520, 14.6658,



# 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

82.2520, 14.6658, 9.4260

### Protanopia

79.8580, 18.8040, -11.2765

### Deuteranopia

79.8430, 14.8674, -8.6323



## Tritanopia

80.9730, 0.9993, 6.1627

# Trichromacy



## Original Color

82.2520, 14.6658, 9.4260

## Protanomaly

80.5600, 17.4719, -3.9991

## Deuteranomaly

80.5880, 14.9931, -2.2697

## Tritanomaly

81.6510, 6.0881, 7.3221

# Monochromacy



## Original Color

82.2520, 14.6658, 9.4260

## Achromatopsia

82.0000, 0.0000, 0.0000

## Achromatomaly

82.1020, 5.3727, 3.4185

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 82.2520, 14.6658, 9.4260 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(93, 71, 112)` looks like.

```
.text, #text, p{  
    color:rgb(93, 71, 112)  
}
```

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(93, 71, 112) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(93, 71, 112) }
```

## Border

The CSS property to change the border of an element to YUV 82.2520, 14.6658, 9.4260 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(93, 71, 112) }
```



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

```
.border{ border-color:rgb(93, 71, 112) }
```

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

Here you see how a box with a 4 pixel `rgb(93, 71, 112)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(93, 71, 112); -webkit-box-  
shadow:4px 4px 4px 4px rgb(93, 71, 112);  
box-shadow:4px 4px 4px 4px rgb(93, 71,  
112) }
```

# Background

The CSS property to change the background color of an element to YUV 82.2520, 14.6658, 9.4260 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(93, 71, 112) }
```

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

```
.background{ background-color: rgb(93, 71,  
112) }
```

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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