

# Converting Colors

YUV(72.9640, 14.8077, 10.5556)

Have a look what the booklet for  
YUV(72.9640, 14.8077, 10.5556)  
contains.

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# Color

**YUV(72.9640, 14.8077,  
10.5556)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	553D67
RGB	85, 61, 103
RGB Percent	33%, 24%, 40%
CMY	0.6667, 0.7608, 0.5961
CMYK	0.17, 0.41, 0.00, 0.60
HSL	274°, 26%, 32%
HSV	274°, 41%, 40%
XYZ	7.8632, 6.2481, 13.6235
YIQ	72.9640, 0.8220, 18.1500

# Conversions

## Conversions Part 2

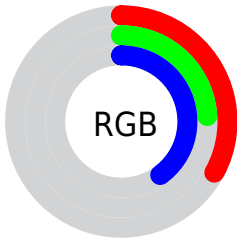
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	85, 61, 103
Decimal	5586279
CIE <sub>Lab</sub>	30.03, 19.46, -20.67
CIE <sub>LCh</sub>	30, 28.391, 313.276
Yxy	6.2481, 0.2835, 0.2253
Android (android.graphics.Color)	4283776359 (0xFF553D67)
<b>YUV</b>	72.9640, 14.8077, 10.5556
Hunter-Lab	24.9961, 12.4091, -14.8173

# Details

The YUV color **72.9640, 14.8077, 10.5556** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **91.0360, -14.8077, -10.5556**, and the grayscale version is **73.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **121.9040, 15.8233, 11.4852**, and **28.3120, 13.6502, 8.4964** is the 20% darker color. If you saturate the color by 10%, you get **65.8980, 18.2913, 13.2445**, and if you desaturate by 10%, it is **80.0300, 11.3242, 7.8667**.

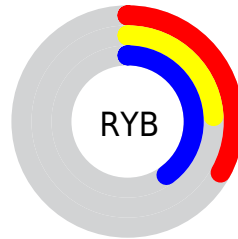
# Distribution



Red (33%)

Green (24%)

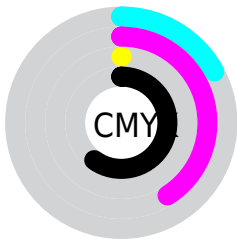
Blue (40%)



Red (33%)

Yellow (24%)

Blue (40%)

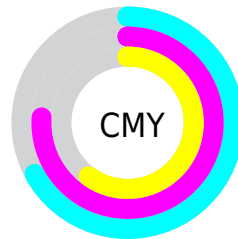


Cyan (17%)

Magenta (41%)

Yellow (0%)

Black (60%)



Cyan (67%)

Magenta (76%)

Yellow (60%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 72.9640, 14.8077, 10.5556 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 72.9640, 14.8077, 10.5556 by changing the saturation by 10% instead.



72.9640, 14.8077,  
10.5556

72.9640, 14.8077,  
10.5556

255.0000, 0.0000,  
0.0000

50.1380, 14.2290,  
9.5260

121.9040, 15.8233,  
11.4852

28.3120, 13.6502,  
8.4964

147.7300, 16.4021,  
12.5148

10.5680, 12.0450,  
10.0259

174.8440, 16.8389,  
12.4148

0.9120, 3.4944,  
-0.7998

202.2570, 17.1283,  
12.9296

0.0000, 0.0000,  
0.0000

228.8290, 12.9023,  
15.0590

248.5430, 3.1833,

5.6628

■ 72.9640, 14.8077,  
10.5556

■ 72.9640, 14.8077,  
10.5556

■ 65.8980, 18.2913,  
13.2445

■ 80.0300, 11.3242,  
7.8667

■ 57.9460, 22.2116,  
15.8334

■ 87.9820, 7.4039,  
5.2778

■ 50.8800, 25.6952,  
18.5222

■ 95.0480, 3.9203,  
2.5889

■ 43.5150, 29.3261,  
20.5963

■ 102.4130, 0.2894,  
0.5148

■ 36.4490, 32.8096,  
23.2852

■ 110.0660, -3.4835,  
-2.6889

■ 29.3830, 36.2932,  
25.9741

■ 117.1320, -6.9671,  
-5.3778

■ 124.4970,  
-10.5980, -7.4519

■ 131.5630,  
-14.0816, -10.1408

■ 139.5150,  
-18.0019, -12.7297

# Harmonies

## Analogous

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



69.3350, 22.0198, -16.0798



72.9640, 14.8077, 10.5556



72.6690, 5.5862, 28.3543

# Triad

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



72.9640, 14.8077, 10.5556



69.4530, -20.4363, 21.5277



57.2540, 11.2138, -50.2118

# Complementary

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



72.9640, 14.8077, 10.5556



91.0360, -14.8077, -10.5556

# 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.



57.0350, -0.0173, -41.2497



72.9640, 14.8077, 10.5556



67.9410, -20.6769, 5.3137

# Square

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



72.9640, 14.8077, 10.5556



70.1260, -14.3591, 32.3385



64.9540, -13.7813, -13.1147



58.9470, 20.2391, -51.6965



# Rectangle

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



72.9640, 14.8077, 10.5556



71.5790, -1.2714, 34.5722



64.9540, -13.7813, -13.1147



56.4560, 8.1562, -49.5119

# Sweetspot

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



72.9640, 14.8077, 10.5556



123.5150, 5.6621, 3.9333



76.3540, 13.1365, -13.4655



61.9340, 3.4835, 2.6889



196.0000, 0.0000, 0.0000



69.0000, 0.0000, 0.0000



# Same Dimension

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



72.9640, 14.8077, 10.5556



87.8860, 23.2272, 16.7630



78.0040, 10.8440, 21.9215



47.4670, 1.7418, 1.3444



32.8440, 40.5029, 29.0778



68.8500, 85.3629, 60.6446



# Inverse Universe

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



75.6100, 1.6713, 24.0210



91.9260, 2.5015, 37.7759



85.9960, -10.8440, -21.9215



47.7230, 0.1366, 2.8739



39.9710, 4.4513, 65.8004



84.2140, 9.7545, 138.3783



# Previews

## White Background



This preview shows how the YUV color 72.9640, 14.8077, 10.5556 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 72.9640, 14.8077, 10.5556 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 72.9640, 14.8077, 10.5556

## Background



This preview shows how black text looks on a background with the YUV color 72.9640, 14.8077, 10.5556.



This preview shows how white text looks on a background with the YUV color 72.9640, 14.8077,



# 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

72.9640, 14.8077, 10.5556

### Protanopia

70.3740, 19.5356, -12.6060

### Deuteranopia

70.5440, 15.0148, -9.2471



## Tritanopia

72.1580, 0.4151, 6.8774

# Trichromacy



## Original Color

72.9640, 14.8077, 10.5556

## Protanomaly

71.5600, 17.4719, -3.9991

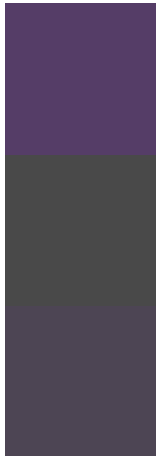
## Deuteranomaly

71.5880, 14.9931, -2.2697

## Tritanomaly

72.2490, 5.7932, 8.5516

# Monochromacy



## Original Color

72.9640, 14.8077, 10.5556

## Achromatopsia

73.0000, 0.0000, 0.0000

## Achromatomaly

73.1020, 5.3727, 3.4185

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 72.9640, 14.8077, 10.5556 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(85, 61, 103)` looks like.

```
.text, #text, p{  
    color:rgb(85, 61, 103)  
}
```

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(85, 61, 103) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(85, 61, 103) }
```

## Border

The CSS property to change the border of an element to YUV 72.9640, 14.8077, 10.5556 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(85, 61, 103) }
```



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

```
.border{ border-color:rgb(85, 61, 103) }
```

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

Here you see how a box with a 4 pixel `rgb(85, 61, 103)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(85, 61, 103); -webkit-box-  
shadow:4px 4px 4px 4px rgb(85, 61, 103);  
box-shadow:4px 4px 4px 4px rgb(85, 61,  
103) }
```

# Background

The CSS property to change the background color of an element to YUV 72.9640, 14.8077, 10.5556 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(85, 61, 103) }
```

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

```
.background{ background-color: rgb(85, 61,  
103) }
```

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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