

# Converting Colors

YUV(93.0590, 7.3659, 17.4883)

Have a look what the booklet for  
YUV(93.0590, 7.3659, 17.4883)  
contains.

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# Color

**YUV(93.0590, 7.3659,  
17.4883)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	71506C
RGB	113, 80, 108
RGB Percent	44%, 31%, 42%
CMY	0.5569, 0.6863, 0.5765
CMYK	0.00, 0.29, 0.04, 0.56
HSL	309°, 17%, 38%
HSV	309°, 29%, 44%
XYZ	12.3855, 10.3307, 15.5286
YIQ	93.0590, 10.6800, 15.7040

# Conversions

## Conversions Part 2

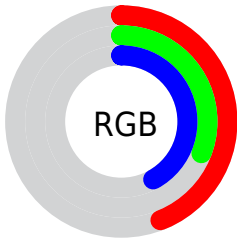
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	113, 80, 108
Decimal	7426156
CIE Lab	38.43, 18.88, -10.65
CIE LCh	38, 21.676, 330.576
Yxy	10.3307, 0.3238, 0.2701
Android (android.graphics.Color)	4285616236 (0xFF71506C)
YUV	93.0590, 7.3659, 17.4883
Hunter-Lab	32.1415, 12.5361, -6.1459

# Details

The YUV color **93.0590, 7.3659, 17.4883** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **99.9410, -7.3659, -17.4883**, and the grayscale version is **93.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **143.7710, 7.5079, 18.6178**, and **46.6350, 7.0819, 15.2291** is the 20% darker color. If you saturate the color by 10%, you get **86.3740, 9.6756, 23.3510**, and if you desaturate by 10%, it is **99.7440, 5.0562, 11.6255**.

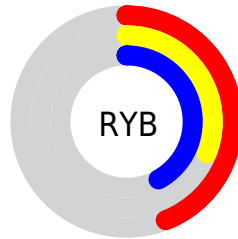
# Distribution



Red (44%)

Green (31%)

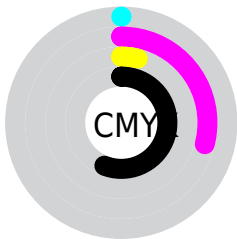
Blue (42%)



Red (44%)

Yellow (31%)

Blue (42%)

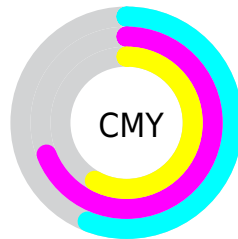


Cyan (0%)

Magenta (29%)

Yellow (4%)

Black (56%)



Cyan (56%)

Magenta (69%)

Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 93.0590, 7.3659, 17.4883 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 93.0590, 7.3659, 17.4883 by changing the saturation by 10% instead.



■ 93.0590, 7.3659,  
17.4883

■ 93.0590, 7.3659,  
17.4883

■ 255.0000, 0.0000,  
0.0000

■ 69.3470, 7.2239,  
16.3587

■ 143.7710, 7.5079,  
18.6178

■ 46.6350, 7.0819,  
15.2291

■ 170.4830, 7.6499,  
19.7474

■ 25.2220, 6.7926,  
14.7143

■ 197.8960, 7.9393,  
20.2622

■ 8.0320, 4.9142,  
10.4959

■ 225.4230, 8.6655,  
20.6770

■ 0.0000, 0.0000,  
0.0000

■ 245.6080, 4.6303,  
8.2368

93.0590, 7.3659,  
17.4883

93.0590, 7.3659,  
17.4883

86.3740, 9.6756,  
23.3510

99.7440, 5.0562,  
11.6255

79.2160, 12.7115,  
29.6286

106.9020, 2.0203,  
5.3479

72.5310, 15.0212,  
35.4913

113.5870, -0.2894,  
-0.5148

65.8460, 17.3309,  
41.3541

120.2720, -2.5991,  
-6.3775

59.1610, 19.6406,  
47.2168

127.5440, -5.1982,  
-12.7551

52.0030, 22.6765,  
53.4944

134.1150, -7.9447,  
-18.5179

45.3180, 24.9862,  
59.3571


140.8000,  
-10.2544, -24.3806

44.7310, 25.2756,

147.4850,

59.8719

-12.5641, -30.2433

 154.6430,  
-15.6000, -36.5209

# Harmonies

## Analogous

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



92.0830, 14.2561, 0.8042



93.0590, 7.3659, 17.4883



92.6490, -0.8130, 27.4948

# Triad

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



93.0590, 7.3659, 17.4883



89.0110, -16.7674, 11.3914



79.0850, 14.2551, -45.6785

# Complementary

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



93.0590, 7.3659, 17.4883



99.9410, -7.3659, -17.4883

# 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.



81.2190, 4.3290, -35.2721



93.0590, 7.3659, 17.4883



87.7210, -13.6665, -3.2633

# Square

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



93.0590, 7.3659, 17.4883



90.2450, -14.9108, 22.5871



84.6850, -5.7607, -19.0177



82.6930, 18.8854, -37.4418



# Rectangle

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



93.0590, 7.3659, 17.4883



92.1670, -6.4913, 28.7945



84.6850, -5.7607, -19.0177



79.2980, 11.1921, -43.2343

# Sweetspot

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



93.0590, 7.3659, 17.4883



140.1410, 2.8885, 6.8923



85.2570, 13.6773, -0.2254



69.1900, 1.8783, 4.2184



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.



93.0590, 7.3659, 17.4883



116.5640, 11.5539, 27.5694



91.2350, 0.3771, 19.0879



52.3640, 1.2995, 3.1888



47.5080, 26.8646, 63.5755



97.7930, 55.3181, 130.8545



# Inverse Universe

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



93.0590, 7.3659, 17.4883



116.5640, 11.5539, 27.5694



101.7650, -0.3771, -19.0879



52.3640, 1.2995, 3.1888



47.5080, 26.8646, 63.5755

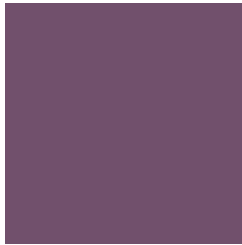


97.7930, 55.3181, 130.8545



# Previews

## White Background



This preview shows how the YUV color 93.0590, 7.3659, 17.4883 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 × Fail



# Black Background



This preview shows how the YUV color 93.0590, 7.3659, 17.4883 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

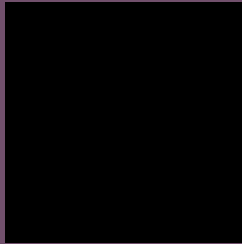
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

**YUV 93.0590, 7.3659, 17.4883**

## **Background**



This preview shows how black text looks on a background with the YUV color 93.0590, 7.3659, 17.4883.



This preview shows how white text looks on a background with the YUV color 93.0590, 7.3659,



# 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

93.0590, 7.3659, 17.4883

### Protanopia

91.3550, 11.6570, -5.5733

### Deuteranopia

91.8350, 6.9833, 0.1447



## Tritanopia

92.1700, -1.0698, 16.5139

# Trichromacy



## Original Color

93.0590, 7.3659, 17.4883

## Protanomaly

91.6550, 10.0301, 2.9336

## Deuteranomaly

92.5800, 7.1091, 6.5073

## Tritanomaly

92.6800, 2.1298, 16.9436

# Monochromacy



## Original Color

93.0590, 7.3659, 17.4883

## Achromatopsia

93.0000, 0.0000, 0.0000

## Achromatomaly

92.7280, 2.5991, 6.3775

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 93.0590, 7.3659, 17.4883 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(113, 80, 108)` looks like.

```
.text, #text, p{  
    color:rgb(113, 80, 108)  
}
```

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(113, 80, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(113, 80, 108) }
```

## Border

The CSS property to change the border of an element to YUV 93.0590, 7.3659, 17.4883 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(113, 80, 108) }
```



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

```
.border{ border-color:rgb(113, 80, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(113, 80, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(113, 80, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(113, 80, 108);  
box-shadow:4px 4px 4px 4px rgb(113, 80,  
108) }
```

# Background

The CSS property to change the background color of an element to YUV 93.0590, 7.3659, 17.4883 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(113, 80, 108) }
```

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

```
.background{ background-color: rgb(113, 80,  
108) }
```

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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