

# Converting Colors

YUV(95.6350, 10.5329, 28.3841)

Have a look what the booklet for  
YUV(95.6350, 10.5329, 28.3841)  
contains.

<b>YUV(95.6350, 10.5329, 28.3841)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YUV(95.6350, 10.5329,  
28.3841)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	804B75
RGB	128, 75, 117
RGB Percent	50%, 29%, 46%
CMY	0.4980, 0.7059, 0.5412
CMYK	0.00, 0.41, 0.09, 0.50
HSL	312°, 26%, 40%
HSV	312°, 41%, 50%
XYZ	14.6290, 10.9057, 18.1636
YIQ	95.6350, 18.1060, 24.2980

# Conversions

## Conversions Part 2

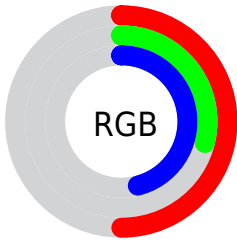
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	128, 75, 117
Decimal	8407925
CIE <sub>Lab</sub>	39.42, 29.07, -14.54
CIE <sub>LCh</sub>	39, 32.506, 333.422
Yxy	10.9057, 0.3348, 0.2496
Android (android.graphics.Color)	4286598005 (0xFF804B75)
YUV	95.6350, 10.5329, 28.3841
Hunter-Lab	33.0238, 21.2813, -9.4938

# Details

The YUV color **95.6350, 10.5329, 28.3841** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **107.3650, -10.5329, -28.3841**, and the grayscale version is **96.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **147.0590, 10.8169, 30.6433**, and **47.3250, 10.6858, 26.0250** is the 20% darker color. If you saturate the color by 10%, you get **87.6620, 12.9846, 35.3764**, and if you desaturate by 10%, it is **103.6080, 8.0813, 21.3918**.

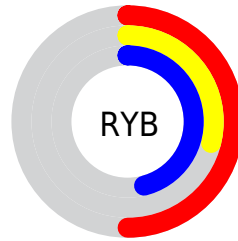
# Distribution



Red (50%)

Green (29%)

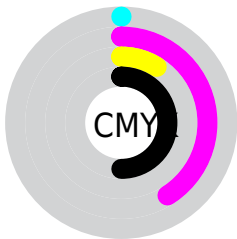
Blue (46%)



Red (50%)

Yellow (29%)

Blue (46%)

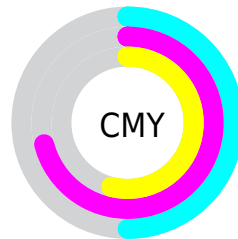


Cyan (0%)

Magenta (41%)

Yellow (9%)

Black (50%)



Cyan (50%)

Magenta (71%)

Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 95.6350, 10.5329, 28.3841 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 95.6350, 10.5329, 28.3841 by changing the saturation by 10% instead.



■ 95.6350, 10.5329,  
28.3841

■ 95.6350, 10.5329,  
28.3841

■ 255.0000, 0.0000,  
0.0000

■ 70.9230, 10.3910,  
27.2545

■ 147.0590, 10.8169,  
30.6433

■ 47.3250, 10.6858,  
26.0250

■ 173.7710, 10.9589,  
31.7728

■ 23.4390, 11.1226,  
25.9250

■ 201.1840, 11.2483,  
32.2876

■ 13.1300, 6.3449,  
18.3030

■ 226.0090, 13.3066,  
25.4251

■ 0.0000, 0.0000,  
0.0000

■ 243.2600, 5.7878,  
10.2960

95.6350, 10.5329,  
28.3841

95.6350, 10.5329,  
28.3841

87.6620, 12.9846,  
35.3764

103.6080, 8.0813,  
21.3918

79.8030, 15.8731,  
42.2688

111.4670, 5.1928,  
14.4994

72.4170, 18.0354,  
48.7463

118.8530, 3.0305,  
8.0219

64.4440, 20.4871,  
55.7386

126.8260, 0.5788,  
1.0296

56.5850, 23.3756,  
62.6310

134.6850, -2.3097,  
-5.8627


49.7860, 25.2485,  
68.5937

142.6580, -4.7614,  
-12.8551

150.6310, -7.2131,  
-19.8474

157.9030, -9.8122,

-26.2249

 165.8760,  
-12.2639, -33.2173

# Harmonies

## Analogous

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



95.1140, 20.6498, 3.4080



95.6350, 10.5329, 28.3841



93.9220, -1.4405, 42.1644

# Triad

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



95.6350, 10.5329, 28.3841



90.0300, -25.6508, 14.0057



76.0160, 22.1771, -66.6660

# Complementary

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



95.6350, 10.5329, 28.3841



107.3650, -10.5329, -28.3841

# 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.



73.0520, 10.8204, -64.0666



95.6350, 10.5329, 28.3841



87.3800, -19.9073, -8.2263

# Square

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



95.6350, 10.5329, 28.3841



91.9380, -22.6474, 30.7494



81.6570, -6.7329, -33.9022



75.8340, 31.6338, -66.5064



# Rectangle

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



95.6350, 10.5329, 28.3841



93.0440, -9.8817, 42.9344



81.6570, -6.7329, -33.9022



75.1040, 18.6827, -65.8662

# Sweetspot

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



95.6350, 10.5329, 28.3841



153.8040, 4.0406, 10.6959



84.3310, 21.5288, 1.4637



76.7280, 2.5991, 6.3775



212.0000, 0.0000, 0.0000



84.0000, 0.0000, 0.0000



# Same Dimension

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



95.6350, 10.5329, 28.3841



115.3410, 16.5939, 44.4279



92.6710, -0.8238, 30.9835



59.6630, 1.1521, 3.8035



49.7860, 25.2485, 68.5937



0.0000, 0.0000, 0.0000



# Inverse Universe

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



95.6350, 10.5329, 28.3841



115.3410, 16.5939, 44.4279



110.3290, 0.8238, -30.9835



59.6630, 1.1521, 3.8035



49.7860, 25.2485, 68.5937

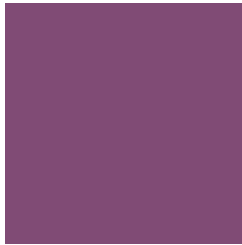


0.0000, 0.0000, 0.0000



# Previews

## White Background



This preview shows how the YUV color 95.6350, 10.5329, 28.3841 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

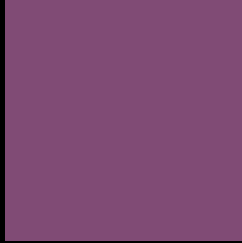
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 95.6350, 10.5329, 28.3841 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

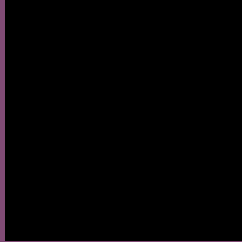
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 95.6350, 10.5329, 28.3841

## Background



This preview shows how black text looks on a background with the YUV color 95.6350, 10.5329, 28.3841.



This preview shows how white text looks on a background with the YUV color 95.6350, 10.5329,



# 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

95.6350, 10.5329, 28.3841

### Protanopia

93.3420, 18.0724, -9.9469

### Deuteranopia

93.9210, 9.8989, -1.6847



## Tritanopia

94.5410, -3.7177, 25.8355

# Trichromacy



## Original Color

95.6350, 10.5329, 28.3841

## Protanomaly

94.3330, 15.1188, 4.0930

## Deuteranomaly

94.4000, 10.1558, 9.2962

## Tritanomaly

94.9200, 1.5184, 26.3802

# Monochromacy



## Original Color

95.6350, 10.5329, 28.3841

## Achromatopsia

96.0000, 0.0000, 0.0000

## Achromatomaly

95.8040, 4.0406, 10.6959

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 95.6350, 10.5329, 28.3841 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(128, 75, 117)` looks like.

```
.text, #text, p{  
    color:rgb(128, 75, 117)  
}
```

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(128, 75, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(128, 75, 117) }
```

## Border

The CSS property to change the border of an element to YUV 95.6350, 10.5329, 28.3841 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(128, 75, 117) }
```



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

```
.border{ border-color:rgb(128, 75, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(128, 75, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(128, 75, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(128, 75, 117);  
box-shadow:4px 4px 4px 4px rgb(128, 75,  
117) }
```

# Background

The CSS property to change the background color of an element to YUV 95.6350, 10.5329, 28.3841 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(128, 75, 117) }
```

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

```
.background{ background-color: rgb(128, 75,  
117) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor