

# Converting Colors

YUV(94.1070, 28.0482, 10.4302)

Have a look what the booklet for  
YUV(94.1070, 28.0482, 10.4302)  
contains.

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# Color

**YUV(94.1070, 28.0482,  
10.4302)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	6A4D97
RGB	106, 77, 151
RGB Percent	42%, 30%, 59%
CMY	0.5843, 0.6980, 0.4078
CMYK	0.30, 0.49, 0.00, 0.41
HSL	264°, 32%, 45%
HSV	264°, 49%, 59%
XYZ	14.1836, 10.6063, 30.5778
YIQ	94.1070, -6.4700, 29.1620

# Conversions

## Conversions Part 2

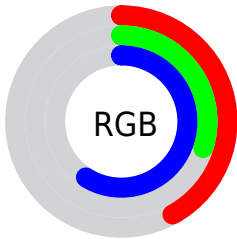
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	106, 77, 151
Decimal	6966679
CIE <sub>Lab</sub>	38.91, 28.53, -36.30
CIE <sub>LCh</sub>	39, 46.170, 308.165
Yxy	10.6063, 0.2562, 0.1916
Android (android.graphics.Color)	4285156759 (0xFF6A4D97)
YUV	94.1070, 28.0482, 10.4302
Hunter-Lab	32.5673, 20.7472, -32.8710

# Details

The YUV color **94.1070, 28.0482, 10.4302** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **133.8930, -28.0482, -10.4302**, and the grayscale version is **94.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **145.5740, 29.7900, 11.7746**, and **46.0420, 26.6013, 7.8562** is the 20% darker color. If you saturate the color by 10%, you get **82.6110, 33.7158, 12.6192**, and if you desaturate by 10%, it is **105.6030, 22.3807, 8.2412**.

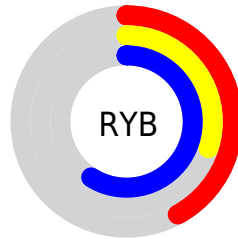
# Distribution



Red (42%)

Green (30%)

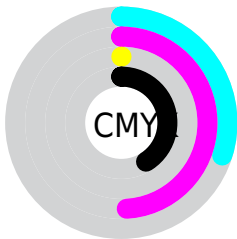
Blue (59%)



Red (42%)

Yellow (30%)

Blue (59%)

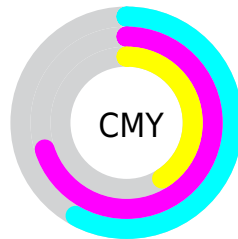


Cyan (30%)

Magenta (49%)

Yellow (0%)

Black (41%)



Cyan (58%)

Magenta (70%)

Yellow (41%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 94.1070, 28.0482, 10.4302 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 94.1070, 28.0482, 10.4302 by changing the saturation by 10% instead.



■ 94.1070, 28.0482,  
10.4302

■ 94.1070, 28.0482,  
10.4302

■ 255.0000, 0.0000,  
0.0000

■ 69.8680, 27.1801,  
8.8858

■ 145.5740, 29.7900,  
11.7746

■ 46.0420, 26.6013,  
7.8562

■ 172.4000, 30.3688,  
12.8042

■ 23.3900, 25.4437,  
5.7970

■ 199.0150, 27.6006,  
14.0188

■ 8.6190, 21.3868,  
0.3341

■ 223.5350, 15.5122,  
17.9478

■ 4.5940, 12.5252,  
-4.0289

■ 243.8470, 5.4984,  
9.7812

■ 0.0000, 0.0000,  
0.0000

■ 94.1070, 28.0482,  
10.4302

■ 94.1070, 28.0482,  
10.4302

■ 82.6110, 33.7158,  
12.6192

■ 105.6030, 22.3807,  
8.2412

■ 71.1150, 39.3833,  
14.8081

■ 117.0990, 16.7132,  
6.0522

■ 59.3200, 45.1982,  
16.3824

■ 128.8940, 10.8983,  
4.4780

■ 47.8240, 50.8658,  
18.5714

■ 140.3900, 5.2307,  
2.2890

■ 36.3280, 56.5333,  
20.7603

■ 152.4730, -0.7262,  
-0.4148


■ 34.8550, 57.2595,  
21.1752

■ 163.9690, -6.3937,  
-2.6038

■ 175.4650,  
-12.0612, -4.7928

■ 186.9610,

-17.7288, -6.9818

 198.7560,  
-23.5437, -8.5560

# Harmonies

## Analogous

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



77.4020, 43.6788, -56.4806



94.1070, 28.0482, 10.4302



92.5430, 13.5363, 45.1278

# Triad

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



94.1070, 28.0482, 10.4302



88.2520, -35.6202, 38.3670



75.4970, 12.5730, -66.2109

# Complementary

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



94.1070, 28.0482, 10.4302



133.8930, -28.0482, -10.4302

# 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.



69.8770, -3.8834, -61.2821



94.1070, 28.0482, 10.4302



84.9040, -41.3647, 14.1162

# Square

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



94.1070, 28.0482, 10.4302



88.6730, -20.5448, 56.4148



80.8920, -26.5688, -18.3223



79.0140, 28.5871, -69.2953



# Rectangle

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



94.1070, 28.0482, 10.4302



89.2860, 3.3100, 58.5082



80.8920, -26.5688, -18.3223



74.0150, 6.8946, -64.9112

# Sweetspot

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



94.1070, 28.0482, 10.4302



173.5950, 11.0457, 3.8632



112.4380, 19.0111, -31.0791



86.0310, 6.3937, 2.6038



227.0000, 0.0000, 0.0000



99.0000, 0.0000, 0.0000



# Same Dimension

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



94.1070, 28.0482, 10.4302



107.5650, 43.5985, 16.1675



104.8710, 22.7416, 32.5621



70.8090, 3.0522, 1.0445



32.4050, 53.0443, 19.8158



2.9770, 4.9413, 1.7742



# Inverse Universe

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



104.2560, 8.7478, 40.9945



123.3650, 13.6241, 63.7009



123.1290, -22.7416, -32.5621



71.9620, 1.0047, 4.4183



51.5500, 16.4909, 77.5707



4.7990, 1.5781, 7.1923



# Previews

## White Background



This preview shows how the YUV color 94.1070, 28.0482, 10.4302 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 94.1070, 28.0482, 10.4302 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 94.1070, 28.0482, 10.4302

## Background



This preview shows how black text looks on a background with the YUV color 94.1070, 28.0482, 10.4302.



This preview shows how white text looks on a background with the YUV color 94.1070, 28.0482,



# 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

94.1070, 28.0482, 10.4302

### Protanopia

88.1670, 36.8927, -26.4565

### Deuteranopia

88.5170, 29.3251, -25.8864



## Tritanopia

92.5920, 2.1731, 2.9888

# Trichromacy



## Original Color

94.1070, 28.0482, 10.4302

## Protanomaly

90.4460, 33.7971, -13.5461

## Deuteranomaly

90.7790, 28.7030, -12.9612

## Tritanomaly

93.1330, 11.7664, 6.0224

# Monochromacy



## Original Color

94.1070, 28.0482, 10.4302

## Achromatopsia

94.0000, 0.0000, 0.0000

## Achromatomaly

94.0680, 10.3195, 3.4484

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 94.1070, 28.0482, 10.4302 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(106, 77, 151)` looks like.

```
.text, #text, p{  
    color:rgb(106, 77, 151)  
}
```

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(106, 77, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(106, 77, 151) }
```

## Border

The CSS property to change the border of an element to YUV 94.1070, 28.0482, 10.4302 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(106, 77, 151) }
```



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

```
.border{ border-color:rgb(106, 77, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(106, 77, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(106, 77, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(106, 77, 151);  
box-shadow:4px 4px 4px 4px rgb(106, 77,  
151) }
```

# Background

The CSS property to change the background color of an element to YUV 94.1070, 28.0482, 10.4302 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(106, 77, 151) }
```

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

```
.background{ background-color: rgb(106, 77,  
151) }
```

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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