

# Converting Colors

YUV(94.7340, 23.7951, 21.2813)

Have a look what the booklet for  
YUV(94.7340, 23.7951, 21.2813)  
contains.

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# Color

**YUV(94.7340, 23.7951,  
21.2813)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	77498F
RGB	119, 73, 143
RGB Percent	47%, 29%, 56%
CMY	0.5333, 0.7137, 0.4392
CMYK	0.17, 0.49, 0.00, 0.44
HSL	279°, 32%, 42%
HSV	279°, 49%, 56%
XYZ	14.9482, 10.6702, 27.2583
YIQ	94.7340, 4.9460, 31.5220

# Conversions

## Conversions Part 2

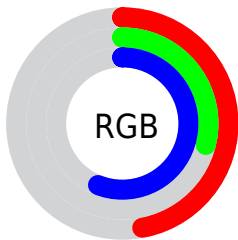
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	119, 73, 143
Decimal	7817615
CIE <sub>Lab</sub>	39.02, 32.74, -31.19
CIE <sub>LCh</sub>	39, 45.216, 316.388
Yxy	10.6702, 0.2827, 0.2018
Android (android.graphics.Color)	4286007695 (0xFF77498F)
YUV	94.7340, 23.7951, 21.2813
Hunter-Lab	32.6653, 24.5206, -26.6102

# Details

The YUV color **94.7340, 23.7951, 21.2813** is a dark color, and the websafe version is hex **663366**. A complement of this color would be **121.2660, -23.7951, -21.2813**, and the grayscale version is **95.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **146.3860, 24.9527, 23.3405**, and **46.0820, 22.6376, 19.2221** is the 20% darker color. If you saturate the color by 10%, you get **85.0210, 28.5836, 25.4146**, and if you desaturate by 10%, it is **104.4470, 19.0066, 17.1480**.

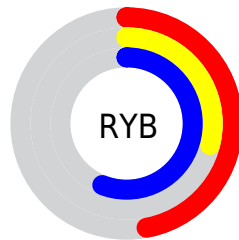
# Distribution



Red (47%)

Green (29%)

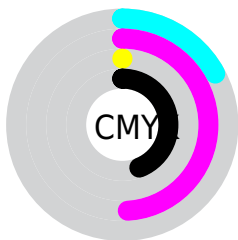
Blue (56%)



Red (47%)

Yellow (29%)

Blue (56%)

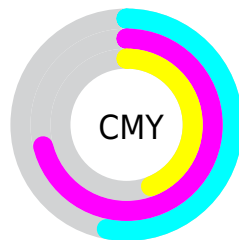


Cyan (17%)

Magenta (49%)

Yellow (0%)

Black (44%)



Cyan (53%)

Magenta (71%)

Yellow (44%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 94.7340, 23.7951, 21.2813 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 94.7340, 23.7951, 21.2813 by changing the saturation by 10% instead.



94.7340, 23.7951,  
21.2813

94.7340, 23.7951,  
21.2813

255.0000, 0.0000,  
0.0000

69.9080, 23.2164,  
20.2517

146.3860, 24.9527,  
23.3405

46.0820, 22.6376,  
19.2221

173.2120, 25.5315,  
24.3701

22.0820, 22.6376,  
19.2221

200.7390, 26.2577,  
24.7849

12.7190, 16.4075,  
10.7704

225.0630, 14.7589,  
26.2547

3.3230, 10.1938,  
-2.9143

241.4990, 6.6560,  
11.8404

0.0000, 0.0000,  
0.0000

■ 94.7340, 23.7951,  
21.2813

■ 94.7340, 23.7951,  
21.2813

■ 85.0210, 28.5836,  
25.4146

■ 104.4470, 19.0066,  
17.1480

■ 74.7210, 33.6615,  
30.0627

■ 114.7470, 13.9287,  
12.4999

■ 65.0080, 38.4501,  
34.1960

■ 124.4600, 9.1402,  
8.3666

■ 55.2950, 43.2386,  
38.3293

■ 134.1730, 4.3517,  
4.2333

■ 44.9950, 48.3165,  
42.9774

■ 144.4730, -0.7262,  
-0.4148


■ 44.4080, 48.6059,  
43.4922

■ 153.8870, -5.3673,  
-5.1629

■ 163.6000,  
-10.1558, -9.2962

■ 173.3130,

-14.9443, -13.4295

 183.6130,  
-20.0222, -18.0776

# Harmonies

## Analogous

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



87.8680, 37.0401, -27.0712



94.7340, 23.7951, 21.2813



92.0230, 8.8627, 50.8458

# Triad

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



94.7340, 23.7951, 21.2813



87.7520, -37.3457, 31.7895



76.7510, 17.3778, -67.3106

# Complementary

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



94.7340, 23.7951, 21.2813



121.2660, -23.7951, -21.2813

# 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.



71.7180, 0.6320, -62.8967



94.7340, 23.7951, 21.2813



84.5870, -37.2644, 5.6242

# Square

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



94.7340, 23.7951, 21.2813



89.3150, -24.3123, 51.4667



79.4330, -20.4265, -28.4437



79.2250, 31.9341, -69.4803



# Rectangle

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



94.7340, 23.7951, 21.2813



89.9180, -1.9316, 59.7079



79.4330, -20.4265, -28.4437



75.2690, 11.6994, -66.0109

# Sweetspot

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



94.7340, 23.7951, 21.2813



166.8730, 9.4296, 8.8814



95.6550, 23.3411, -19.8684



82.5260, 5.6567, 5.6777



222.0000, 0.0000, 0.0000



94.0000, 0.0000, 0.0000



# Same Dimension

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



94.7340, 23.7951, 21.2813



110.0680, 37.4345, 33.2664



100.7700, 15.8894, 37.0357



66.2930, 2.3206, 2.3740



42.0010, 45.8485, 41.2181



2.4070, 2.7573, 2.2741



# Inverse Universe

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



96.6660, 0.1647, 40.6349



113.2220, 0.3836, 63.8263



115.2300, -15.8894, -37.0357



66.4350, 0.2785, 4.0035



45.6090, 0.1928, 78.3959

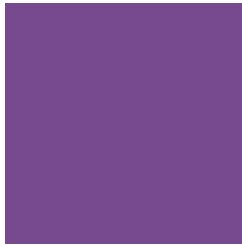


2.7340, 0.1311, 4.6183



# Previews

## White Background



This preview shows how the YUV color 94.7340, 23.7951, 21.2813 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 94.7340, 23.7951, 21.2813 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

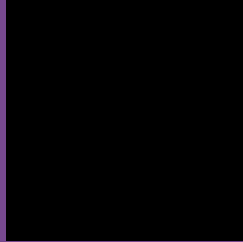
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 94.7340, 23.7951, 21.2813

## Background



This preview shows how black text looks on a background with the YUV color 94.7340, 23.7951, 21.2813.



This preview shows how white text looks on a background with the YUV color 94.7340, 23.7951,



# 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

94.7340, 23.7951, 21.2813

### Protanopia

89.3800, 33.8297, -24.0123

### Deuteranopia

90.7800, 23.7725, -18.2241



## Tritanopia

93.5720, -0.7750, 15.2844

# Trichromacy



## Original Color

94.7340, 23.7951, 21.2813

## Protanomaly

91.5670, 30.2865, -7.5133

## Deuteranomaly

92.1670, 23.5817, -3.6545

## Tritanomaly

94.2870, 8.2395, 17.2883

# Monochromacy



## Original Color

94.7340, 23.7951, 21.2813

## Achromatopsia

95.0000, 0.0000, 0.0000

## Achromatomaly

94.9330, 8.4140, 7.9518

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 94.7340, 23.7951, 21.2813 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(119, 73, 143)` looks like.

```
.text, #text, p{  
    color:rgb(119, 73, 143)  
}
```

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(119, 73, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(119, 73, 143) }
```

## Border

The CSS property to change the border of an element to YUV 94.7340, 23.7951, 21.2813 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(119, 73, 143) }
```



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

```
.border{ border-color:rgb(119, 73, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(119, 73, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(119, 73, 143); -webkit-box-shadow:4px 4px 4px 4px rgb(119, 73, 143); box-shadow:4px 4px 4px 4px rgb(119, 73, 143) }
```

# Background

The CSS property to change the background color of an element to YUV 94.7340, 23.7951, 21.2813 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(119, 73, 143) }
```

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

```
.background{ background-color: rgb(119, 73,  
143) }
```

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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