

# Converting Colors

YUV(95.6760, 21.8517, 37.9951)

Have a look what the booklet for  
YUV(95.6760, 21.8517, 37.9951)  
contains.

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# Color

**YUV(95.6760, 21.8517,  
37.9951)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8B418C
RGB	139, 65, 140
RGB Percent	55%, 25%, 55%
CMY	0.4549, 0.7451, 0.4510
CMYK	0.01, 0.54, 0.00, 0.45
HSL	299°, 37%, 40%
HSV	299°, 54%, 55%
XYZ	17.2714, 11.1630, 26.0553
YIQ	95.6760, 20.0290, 39.0130

# Conversions

## Conversions Part 2

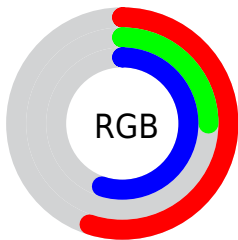
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	139, 65, 140
Decimal	9126284
CIE <sub>Lab</sub>	39.85, 42.46, -27.87
CIE <sub>LCh</sub>	40, 50.785, 326.719
Yxy	11.1630, 0.3170, 0.2049
Android (android.graphics.Color)	4287316364 (0xFF8B418C)
YUV	95.6760, 21.8517, 37.9951
Hunter-Lab	33.4111, 33.8036, -22.8490

# Details

The YUV color **95.6760, 21.8517, 37.9951** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **109.3240, -21.8517, -37.9951**, and the grayscale version is **95.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **148.2140, 22.5725, 40.1543**, and **41.7300, 23.3041, 38.8248** is the 20% darker color. If you saturate the color by 10%, you get **87.4580, 25.9032, 45.2023**, and if you desaturate by 10%, it is **103.8940, 17.8003, 30.7880**.

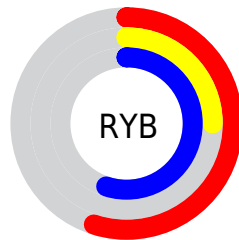
# Distribution



Red (55%)

Green (25%)

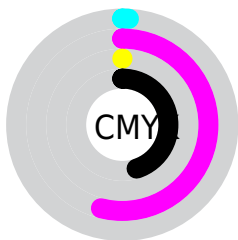
Blue (55%)



Red (55%)

Yellow (25%)

Blue (55%)

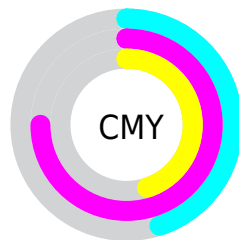


Cyan (1%)

Magenta (54%)

Yellow (0%)

Black (45%)



Cyan (45%)

Magenta (75%)


Yellow (45%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 95.6760, 21.8517, 37.9951 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 95.6760, 21.8517, 37.9951 by changing the saturation by 10% instead.





 95.6760, 21.8517,  
37.9951


 95.6760, 21.8517,  
37.9951


255.0000, 0.0000,  
0.0000


 69.9640, 21.7097,  
36.8656


 148.2140, 22.5725,  
40.1543


 41.7300, 23.3041,  
38.8248


 175.9260, 22.7145,  
41.2839

 25.7630, 19.8368,  
30.9028

 203.7520, 23.2933,  
42.3135

 17.2750, 13.1754,  
20.8068

 221.5410, 16.4953,  
29.3435

 2.9810, 8.8834,  
-2.6143

 237.9770, 8.3923,  
14.9292

 0.0000, 0.0000,  
0.0000

95.6760, 21.8517,  
37.9951

95.6760, 21.8517,  
37.9951

87.4580, 25.9032,  
45.2023

103.8940, 17.8003,  
30.7880

79.2400, 29.9547,  
52.4095

112.1120, 13.7488,  
23.5808

70.7230, 34.1536,  
59.0019

120.6290, 9.5499,  
16.9884

62.5050, 38.2050,  
66.2091

128.8470, 5.4984,  
9.7812

57.2220, 40.8096,  
70.8423


137.0650, 1.4470,  
2.5740

145.2830, -2.6045,  
-4.6332

153.5010, -6.6560,  
-11.8404

161.7190,

-10.7075, -19.0476

 170.2360,  
-14.9063, -25.6400

# Harmonies

## Analogous

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



93.8640, 36.5490, -9.5277



95.6760, 21.8517, 37.9951



90.3730, 4.7461, 64.5709

# Triad

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



95.6760, 21.8517, 37.9951



87.8130, -43.2918, 25.5970



81.1510, 24.0826, -71.1694

# Complementary

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



95.6760, 21.8517, 37.9951



109.3240, -21.8517, -37.9951

# 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.



75.7760, 6.0264, -66.4556



95.6760, 21.8517, 37.9951



83.1250, -39.9946, -5.3716

# Square

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



95.6760, 21.8517, 37.9951



89.6110, -33.3322, 51.2072



69.1130, -11.8877, -60.6121



82.5650, 39.6545, -72.4095



# Rectangle

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



95.6760, 21.8517, 37.9951



88.7790, -7.7790, 68.5998



69.1130, -11.8877, -60.6121



79.6690, 18.4042, -69.8697

# Sweetspot

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



95.6760, 21.8517, 37.9951



163.9770, 8.3923, 14.9292



74.1370, 32.4705, -8.0131



81.4340, 5.2090, 9.2664



219.0000, 0.0000, 0.0000



92.0000, 0.0000, 0.0000



# Same Dimension

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



95.6760, 21.8517, 37.9951



112.6090, 33.7168, 59.1019



91.8710, 5.9796, 42.2091



64.8910, 2.0257, 3.6036



54.3310, 38.7838, 67.2387



2.0650, 1.4470, 2.5740



# Inverse Universe

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



87.5390, -10.6187, 46.0083



99.9120, -16.2256, 71.1142



113.1290, -5.9796, -42.2091



64.0930, -1.0318, 4.3034



39.9950, -18.7315, 81.5654



1.4950, -0.7370, 3.0739



# Previews

## White Background



This preview shows how the YUV color 95.6760, 21.8517, 37.9951 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 95.6760, 21.8517, 37.9951 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

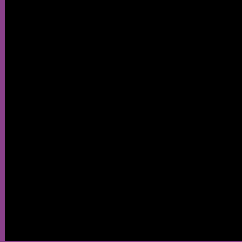
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 95.6760, 21.8517, 37.9951

## Background



This preview shows how black text looks on a background with the YUV color 95.6760, 21.8517, 37.9951.



This preview shows how white text looks on a background with the YUV color 95.6760, 21.8517,



# 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

95.6760, 21.8517, 37.9951

### Protanopia

91.5370, 35.7243, -25.0269

### Deuteranopia

94.1890, 20.1198, -13.3208



## Tritanopia

95.5310, -5.1918, 31.9833

# Trichromacy



## Original Color

95.6760, 21.8517, 37.9951

## Protanomaly

93.0130, 30.5596, -1.7654

## Deuteranomaly

94.5380, 20.9338, 5.6672

## Tritanomaly

95.7730, 4.5489, 34.4021

# Monochromacy



## Original Color

95.6760, 21.8517, 37.9951

## Achromatopsia

96.0000, 0.0000, 0.0000

## Achromatomaly

96.1510, 7.8136, 13.8996

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 95.6760, 21.8517, 37.9951 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(139, 65, 140)` looks like.

```
.text, #text, p{  
    color:rgb(139, 65, 140)  
}
```

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(139, 65, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(139, 65, 140) }
```

## Border

The CSS property to change the border of an element to YUV 95.6760, 21.8517, 37.9951 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(139, 65, 140) }
```



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

```
.border{ border-color:rgb(139, 65, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(139, 65, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(139, 65, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(139, 65, 140);  
box-shadow:4px 4px 4px 4px rgb(139, 65,  
140) }
```

# Background

The CSS property to change the background color of an element to YUV 95.6760, 21.8517, 37.9951 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(139, 65, 140) }
```

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

```
.background{ background-color: rgb(139, 65,  
140) }
```

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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