

# Converting Colors

YUV(132.3840, 27.9117, 7.5562)

Have a look what the booklet for  
YUV(132.3840, 27.9117, 7.5562)  
contains.

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# Color

**YUV(132.3840, 27.9117,  
7.5562)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	8D75BD
RGB	141, 117, 189
RGB Percent	55%, 46%, 74%
CMY	0.4471, 0.5412, 0.2588
CMYK	0.25, 0.38, 0.00, 0.26
HSL	260°, 35%, 60%
HSV	260°, 38%, 74%
XYZ	26.5311, 22.0594, 51.0037
YIQ	132.3840, -8.8080, 27.4800

# Conversions

## Conversions Part 2

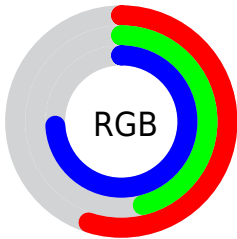
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	141, 117, 189
Decimal	9270717
CIE Lab	54.09, 24.66, -34.48
CIE LCh	54, 42.391, 305.569
Yxy	22.0594, 0.2664, 0.2215
Android (android.graphics.Color)	4287460797 (0xFF8D75BD)
YUV	132.3840, 27.9117, 7.5562
Hunter-Lab	46.9675, 18.6385, -31.5079

# Details

The YUV color **132.3840, 27.9117, 7.5562** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **173.6160, -27.9117, -7.5562**, and the grayscale version is **132.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **185.8510, 29.6535, 8.9007**, and **81.9170, 26.1699, 6.2118** is the 20% darker color. If you saturate the color by 10%, you get **117.3440, 35.3264, 9.3453**, and if you desaturate by 10%, it is **147.4240, 20.4970, 5.7672**.

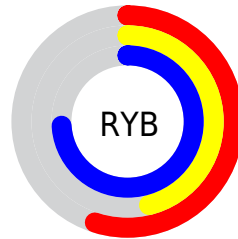
# Distribution



Red (55%)

Green (46%)

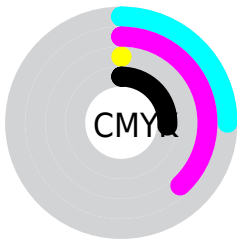
Blue (74%)



Red (55%)

Yellow (46%)

Blue (74%)

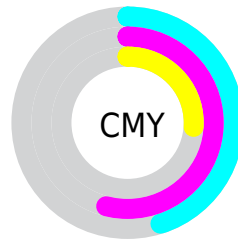


Cyan (25%)

Magenta (38%)

Yellow (0%)

Black (26%)



Cyan (45%)

Magenta (54%)

Yellow (26%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 132.3840, 27.9117, 7.5562 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 132.3840, 27.9117, 7.5562 by changing the saturation by 10% instead.



■ 132.3840, 27.9117,  
7.5562

■ 132.3840, 27.9117,  
7.5562

255.0000, 0.0000,  
0.0000

■ 106.8570, 27.1855,  
7.1414

■ 185.8510, 29.6535,  
8.9007

■ 81.9170, 26.1699,  
6.2118

■ 211.6850, 21.3543,  
10.8003

■ 58.6780, 25.3017,  
4.6674

■ 236.7920, 8.9765,  
14.2144

■ 35.4390, 24.4336,  
3.1230

253.8260, 0.5788,  
1.0296

■ 11.7270, 24.2916,  
1.9934

■ 6.2070, 16.1669,  
-5.4435

■ 2.4110, 6.6994,

-2.1144

■ 0.0000, 0.0000,  
0.0000

■ 132.3840, 27.9117,  
7.5562

■ 132.3840, 27.9117,  
7.5562

■ 117.3440, 35.3264,  
9.3453

■ 147.4240, 20.4970,  
5.7672

■ 102.6030, 42.5937,  
11.7492

■ 162.1650, 13.2297,  
3.3633

■ 87.5630, 50.0084,  
13.5382

■ 177.2050, 5.8149,  
1.5742

■ 72.8220, 57.2758,  
15.9421

■ 191.9460, -1.4524,  
-0.8296

■ 57.7820, 64.6905,  
17.7312

■ 206.9860, -8.8671,  
-2.6187

43.3290, 71.8158,  
19.0055

221.4390,  
-15.9924, -3.8930

40.3830, 73.2682,  
19.8351

236.1800,  
-23.2597, -6.2969

243.5890,  
-26.9124, -1.3936

247.1770,  
-28.6813, 5.9838

# Harmonies

## Analogous

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



122.9480, 38.9726, -40.2964



132.3840, 27.9117, 7.5562



133.1080, 13.2578, 41.1243

# Triad

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



132.3840, 27.9117, 7.5562



128.0720, -32.5735, 41.1559



102.2660, 16.1379, -89.6873

# Complementary

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



132.3840, 27.9117, 7.5562



173.6160, -27.9117, -7.5562

# 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.



112.4330, -7.1155, -51.2457



132.3840, 27.9117, 7.5562



125.4080, -35.6971, 16.3052

# Square

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



132.3840, 27.9117, 7.5562



129.2000, -19.8186, 56.8296



120.9250, -26.5850, -13.0892



105.7830, 32.1520, -92.7717



# Rectangle

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



132.3840, 27.9117, 7.5562



131.6230, 2.1579, 54.7046



120.9250, -26.5850, -13.0892



100.1970, 10.7489, -87.8728

# Sweetspot

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



132.3840, 27.9117, 7.5562



223.7690, 10.4669, 2.8336



153.3840, 17.5587, -31.9088



109.6180, 6.1043, 2.0890



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000



# Same Dimension

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



132.3840, 27.9117, 7.5562



156.2440, 43.7567, 12.0640



143.1480, 22.6050, 29.6882



86.9230, 3.4890, 0.9445



33.8590, 61.2015, 16.7867



6.5240, 12.0667, 3.0485



# Inverse Universe

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



144.0000, 10.3530, 39.4650



174.3370, 16.1029, 61.9715



162.8520, -22.6050, -29.6882



88.3750, 1.2941, 4.9331



59.2120, 22.5735, 86.6371

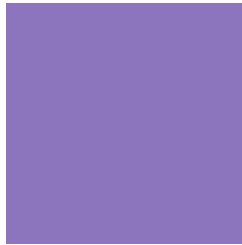


11.5490, 4.1663, 17.0585



# Previews

## White Background



This preview shows how the YUV color 132.3840, 27.9117, 7.5562 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

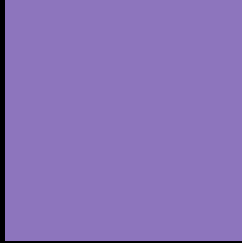
Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail



# Black Background



This preview shows how the YUV color 132.3840, 27.9117, 7.5562 looks on a black 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

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

# YUV 132.3840, 27.9117, 7.5562

## Background



This preview shows how black text looks on a background with the YUV color 132.3840, 27.9117, 7.5562.



This preview shows how white text looks on a background with the YUV color 132.3840, 27.9117, 7.5562.



# 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

132.3840, 27.9117, 7.5562

### Protanopia

128.1030, 33.9662, -21.1383

### Deuteranopia

128.4470, 28.8666, -18.8090



## Tritanopia

130.0370, 3.9258, 0.8446

# Trichromacy



## Original Color

132.3840, 27.9117, 7.5562

## Protanomaly

129.3000, 31.8971, -10.7871

## Deuteranomaly

129.8010, 28.6921, -9.4725

## Tritanomaly

131.0510, 12.7929, 3.4633

# Monochromacy



## Original Color

132.3840, 27.9117, 7.5562

## Achromatopsia

132.0000, 0.0000, 0.0000

## Achromatomaly

132.3560, 10.1775, 2.3188

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 132.3840, 27.9117, 7.5562 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(141, 117, 189)` looks like.

```
.text, #text, p{  
    color:rgb(141, 117, 189)  
}
```

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(141, 117, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(141, 117, 189) }
```

## Border

The CSS property to change the border of an element to YUV 132.3840, 27.9117, 7.5562 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(141, 117, 189) }
```



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

```
.border{ border-color:rgb(141, 117, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(141, 117, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(141, 117, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(141, 117, 189);  
box-shadow:4px 4px 4px 4px rgb(141, 117,  
189) }
```

# Background

The CSS property to change the background color of an element to YUV 132.3840, 27.9117, 7.5562 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(141, 117, 189) }
```

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

```
.background{ background-color: rgb(141,  
117, 189) }
```

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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