

# Converting Colors

YUV(51.1260, 32.4759, -9.7575)

Have a look what the booklet for  
YUV(51.1260, 32.4759, -9.7575)  
contains.

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# Color

**YUV(51.1260, 32.4759,  
-9.7575)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	282C75
RGB	40, 44, 117
RGB Percent	16%, 17%, 46%
CMY	0.8431, 0.8275, 0.5412
CMYK	0.66, 0.62, 0.00, 0.54
HSL	237°, 49%, 31%
HSV	237°, 66%, 46%
XYZ	4.9866, 3.5368, 17.2495
YIQ	51.1260, -25.8170, 21.8550

# Conversions

## Conversions Part 2

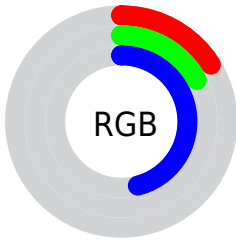
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	40, 44, 117
Decimal	2632821
CIE <sub>Lab</sub>	22.08, 23.06, -42.57
CIE <sub>LCh</sub>	22, 48.411, 298.440
Yxy	3.5368, 0.1935, 0.1372
Android (android.graphics.Color)	4280822901 (0xFF282C75)
YUV	51.1260, 32.4759, -9.7575
Hunter-Lab	18.8065, 14.4189, -41.2168




# Details

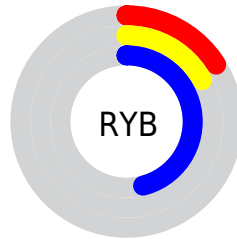
The YUV color **51.1260, 32.4759, -9.7575** is a dark color, and the websafe version is hex **333366**. A complement of this color would be **105.8740, -32.4759, 9.7575**, and the grayscale version is **51.0000, 0.0000, 0.0000**.




A 20% lighter version of the original color is **100.6150, 34.2068, -4.9244**, and **7.7520, 29.7023, -6.7985** is the 20% darker color. If you saturate the color by 10%, you get **41.0810, 37.4281, -11.4720**, and if you desaturate by 10%, it is **61.1710, 27.5237, -8.0430**.

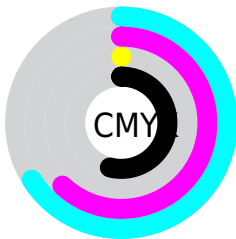
# Distribution







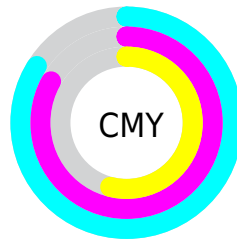
-  Red (16%)
-  Green (17%)
-  Blue (46%)






-  Red (16%)
-  Yellow (17%)
-  Blue (46%)



-  Cyan (66%)
-  Magenta (62%)
-  Yellow (0%)
-  Black (54%)



-  Cyan (84%)
-  Magenta (83%)
-  Yellow (54%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 51.1260, 32.4759, -9.7575 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 51.1260, 32.4759, -9.7575 by changing the saturation by 10% instead.



■ 51.1260, 32.4759,  
-9.7575

■ 51.1260, 32.4759,  
-9.7575

■ 255.0000, 0.0000,  
0.0000

■ 24.8860, 33.0872,  
-19.1940

■ 100.6150, 34.2068,  
-4.9244

■ 7.7520, 29.7023,  
-6.7985

■ 125.5550, 35.2224,  
-3.9947

■ 6.8910, 18.7877,  
-6.0434

■ 152.4950, 36.2380,  
-3.0651

■ 3.2090, 9.7570,  
-2.8143

■ 179.4350, 37.2535,  
-2.1355

■ 0.0000, 0.0000,  
0.0000

■ 203.6560, 25.3126,  
1.1787

■ 228.7630, 12.9348,

4.5928

252.0650, 1.4470,  
2.5740

51.1260, 32.4759,  
-9.7575

51.1260, 32.4759,  
-9.7575

41.0810, 37.4281,  
-11.4720

61.1710, 27.5237,  
-8.0430

31.3350, 42.2328,  
-12.5718

70.9170, 22.7189,  
-6.9432

21.2900, 47.1850,  
-14.2863

80.9620, 17.7667,  
-5.2287

16.8600, 49.3690,  
-14.7862

91.0070, 12.8145,  
-3.5141

101.0520, 7.8624,  
-1.7996

■ 111.3850, 2.7682,  
-1.2146

■ 121.4300, -2.1840,  
0.4999

■ 131.4750, -7.1362,  
2.2144

■ 141.2210,  
-11.9410, 3.3142

# Harmonies

## Analogous

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



48.4100, 38.2519, -42.4556



51.1260, 32.4759, -9.7575



49.6220, 20.3994, 37.1655

# Triad

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



51.1260, 32.4759, -9.7575



48.3630, -23.8430, 40.9006



45.0290, 2.4507, -39.4904

# Complementary

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



51.1260, 32.4759, -9.7575



105.8740, -32.4759, 9.7575

# 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.



39.2950, -14.4424, -34.4617



51.1260, 32.4759, -9.7575



50.2690, -24.7826, 15.5501

# Square

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



51.1260, 32.4759, -9.7575



39.1050, -8.9258, 63.0519



44.7880, -22.0805, -11.2151



49.7200, 17.8860, -43.6044



# Rectangle

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



51.1260, 32.4759, -9.7575



40.0440, 13.7823, 59.5974



44.7880, -22.0805, -11.2151



43.5470, -3.2277, -38.1907

# Sweetspot

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



51.1260, 32.4759, -9.7575



126.7080, 12.9620, -4.1289



93.4070, 9.1663, -46.8379



60.7530, 8.0098, -2.4144



204.0000, 0.0000, 0.0000



77.0000, 0.0000, 0.0000



# Same Dimension

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



51.1260, 32.4759, -9.7575



49.3160, 51.1162, -15.1861



58.6450, 28.7690, 12.5893



53.6840, 2.6208, -0.5999



17.4300, 51.5530, -15.2861



36.1310, 105.4374, -31.6869



# Inverse Universe

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



63.4790, -9.6031, 46.9379



68.8630, -15.2155, 73.7881



98.3550, -28.7690, -12.5893



54.7940, -0.8844, 3.6887



37.1620, -15.3629, 74.4029

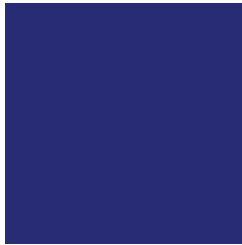


76.2320, -31.1734, 152.3945



# Previews

## White Background



This preview shows how the YUV color 51.1260, 32.4759, -9.7575 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 ✓ Pass



# Black Background



This preview shows how the YUV color 51.1260, 32.4759, -9.7575 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

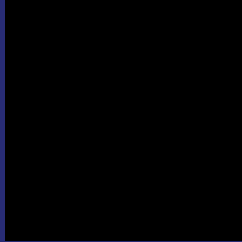
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 51.1260, 32.4759, -9.7575

## Background



This preview shows how black text looks on a background with the YUV color 51.1260, 32.4759, -9.7575.



This preview shows how white text looks on a background with the YUV color 51.1260, 32.4759,

-9.7575.

# 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

51.1260, 32.4759, -9.7575

### Protanopia

42.2490, 32.4152, -37.0524

### Deuteranopia

42.3000, 24.9951, -37.0971



## Tritanopia

41.8150, 10.4442, -36.6718

# Trichromacy



## Original Color

51.1260, 32.4759, -9.7575

## Protanomaly

45.3150, 32.3827, -26.5863

## Deuteranomaly

45.4630, 27.8727, -26.7161

## Tritanomaly

45.6450, 18.4160, -26.8757

# Monochromacy



## Original Color

51.1260, 32.4759, -9.7575

## Achromatopsia

51.0000, 0.0000, 0.0000

## Achromatomaly

50.7790, 11.9410, -3.3142

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 51.1260, 32.4759, -9.7575 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(40, 44, 117)` looks like.

```
.text, #text, p{  
    color:rgb(40, 44, 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(40, 44, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(40, 44, 117) }
```

## Border

The CSS property to change the border of an element to YUV 51.1260, 32.4759, -9.7575 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(40, 44, 117) }
```



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

```
.border{ border-color:rgb(40, 44, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(40, 44, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(40, 44, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(40, 44, 117);  
box-shadow:4px 4px 4px 4px rgb(40, 44,  
117) }
```

# Background

The CSS property to change the background color of an element to YUV 51.1260, 32.4759, -9.7575 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(40, 44, 117) }
```

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

```
.background{ background-color: rgb(40, 44,  
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](#).

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