

# Converting Colors

YUV(101.7260, 32.6731,  
20.4113)

Have a look what the booklet for  
YUV(101.7260, 32.6731, 20.4113)  
contains.

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# Color

**YUV(101.7260, 32.6731,  
20.4113)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	7D4DA8
RGB	125, 77, 168
RGB Percent	49%, 30%, 66%
CMY	0.5098, 0.6980, 0.3412
CMYK	0.26, 0.54, 0.00, 0.34
HSL	272°, 37%, 48%
HSV	272°, 54%, 66%
XYZ	18.1792, 12.4949, 38.4994
YIQ	101.7260, -0.6030, 38.4770

# Conversions

## Conversions Part 2

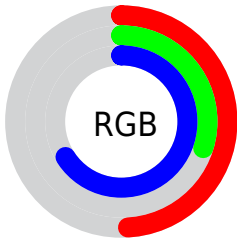
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	125, 77, 168
Decimal	8211880
CIE <sub>Lab</sub>	41.99, 38.12, -41.44
CIE <sub>LCh</sub>	42, 56.303, 312.608
Yxy	12.4949, 0.2628, 0.1806
Android (android.graphics.Color)	4286401960 (0xFF7D4DA8)
YUV	101.7260, 32.6731, 20.4113
Hunter-Lab	35.3481, 29.9418, -39.8320

# Details

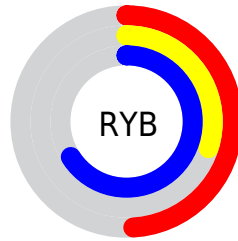
The YUV color **101.7260, 32.6731, 20.4113** is a dark color, and the websafe version is hex **9966CC**. A complement of this color would be **143.2740, -32.6731, -20.4113**, and the grayscale version is **101.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **154.4920, 34.2674, 22.3705**, and **51.9600, 31.0787, 18.4521** is the 20% darker color. If you saturate the color by 10%, you get **89.3550, 38.7720, 24.2447**, and if you desaturate by 10%, it is **114.0970, 26.5742, 16.5779**.

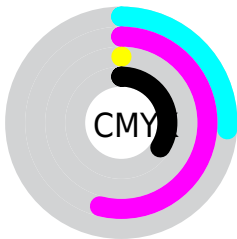
# Distribution



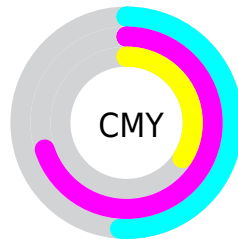
- Red (49%)
- Green (30%)
- Blue (66%)



- Red (49%)
- Yellow (30%)
- Blue (66%)



- Cyan (26%)
- Magenta (54%)
- Yellow (0%)
- Black (34%)



- Cyan (51%)
- Magenta (70%)
- Yellow (34%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 101.7260, 32.6731, 20.4113 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 101.7260, 32.6731, 20.4113 by changing the saturation by 10% instead.



101.7260, 32.6731,  
20.4113

101.7260, 32.6731,  
20.4113

255.0000, 0.0000,  
0.0000

76.4870, 31.8049,  
18.8669

154.4920, 34.2674,  
22.3705

51.9600, 31.0787,  
18.4521

181.4320, 35.2830,  
23.3001

26.0740, 31.5155,  
18.3521

206.1800, 24.0683,  
27.0291

14.7000, 25.2909,  
8.1561

227.9980, 13.3120,  
23.6808

4.9020, 18.7823,  
-4.2991

245.0210, 4.9196,  
8.7516

2.9810, 8.8834,  
-2.6143

0.0000, 0.0000,

0.0000

■ 101.7260, 32.6731,  
20.4113

■ 101.7260, 32.6731,  
20.4113

■ 89.3550, 38.7720,  
24.2447

■ 114.0970, 26.5742,  
16.5779

■ 76.9840, 44.8709,  
28.0780

■ 126.4680, 20.4753,  
12.7446

■ 65.2000, 50.6804,  
31.3966

■ 138.2520, 14.6658,  
9.4260

■ 52.8290, 56.7793,  
35.2300

■ 150.6230, 8.5669,  
5.5926

■ 45.7630, 60.2628,  
37.9188

■ 162.9940, 2.4680,  
1.7593

■ 175.3650, -3.6309,  
-2.0741

■ 187.7360, -9.7298,  
-5.9075

■ 199.5200,  
-15.5394, -9.2260

■ 211.5920,  
-21.4909, -13.6742

# Harmonies

## Analogous

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



79.1860, 54.6313, -69.4461



101.7260, 32.6731, 20.4113



96.5220, 15.5187, 62.6862

# Triad

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



101.7260, 32.6731, 20.4113



93.5270, -46.1088, 42.5108



83.8920, 16.8152, -73.5733

# Complementary

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



101.7260, 32.6731, 20.4113



143.2740, -32.6731, -20.4113

# 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.



77.2460, -3.5723, -67.7447



101.7260, 32.6731, 20.4113



90.9590, -44.8428, 9.6830

# Square

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



101.7260, 32.6731, 20.4113



93.3170, -27.2713, 67.2510



82.7780, -30.4566, -31.3773



87.6200, 36.1763, -76.8427



# Rectangle

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



101.7260, 32.6731, 20.4113



92.1680, 2.3822, 76.1517



82.7780, -30.4566, -31.3773



82.0680, 9.8265, -71.9736

# Sweetspot

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



101.7260, 32.6731, 20.4113



193.6710, 12.4872, 8.1815



113.2020, 27.0154, -31.7492



94.6830, 7.5513, 4.6630



237.0000, 0.0000, 0.0000



110.0000, 0.0000, 0.0000



# Same Dimension

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



101.7260, 32.6731, 20.4113



115.6130, 50.9698, 31.9114



114.3550, 25.4610, 47.0467



78.1080, 2.9048, 1.6593



40.1940, 53.1484, 33.1559



5.5690, 7.1145, 4.7630



# Inverse Universe

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



109.1110, 5.3683, 51.6457



127.0960, 8.3337, 80.5998



130.6450, -25.4610, -47.0467



78.8480, 0.5679, 4.5183



52.2320, 8.7596, 83.9885

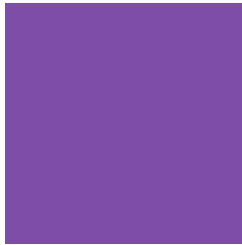


7.1200, 1.4198, 11.2958



# Previews

## White Background



This preview shows how the YUV color 101.7260, 32.6731, 20.4113 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

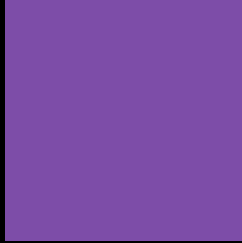
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 101.7260, 32.6731, 20.4113 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 101.7260, 32.6731, 20.4113

## Background



This preview shows how black text looks on a background with the YUV color 101.7260, 32.6731, 20.4113.



This preview shows how white text looks on a background with the YUV color 101.7260, 32.6731,



# 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

101.7260, 32.6731, 20.4113

### Protanopia

92.6200, 46.5293, -37.3777

### Deuteranopia

94.9230, 33.5620, -31.5045



## Tritanopia

100.4790, 0.2569, 10.9809

# Trichromacy



## Original Color

101.7260, 32.6731, 20.4113

## Protanomaly

95.7860, 41.5175, -16.4753

## Deuteranomaly

97.6310, 33.2129, -12.8314

## Tritanomaly

100.8890, 11.8867, 14.1293

# Monochromacy



## Original Color

101.7260, 32.6731, 20.4113

## Achromatopsia

102.0000, 0.0000, 0.0000

## Achromatomaly

101.8450, 11.9084, 7.1519

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 101.7260, 32.6731, 20.4113 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(125, 77, 168)` looks like.

```
.text, #text, p{  
    color:rgb(125, 77, 168)  
}
```

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(125, 77, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(125, 77, 168) }
```

## Border

The CSS property to change the border of an element to YUV 101.7260, 32.6731, 20.4113 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(125, 77, 168) }
```



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

```
.border{ border-color:rgb(125, 77, 168) }
```

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

Here you see how a box with a 4 pixel rgb(125, 77, 168) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(125, 77, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(125, 77, 168);  
box-shadow:4px 4px 4px 4px rgb(125, 77,  
168) }
```

# Background

The CSS property to change the background color of an element to YUV 101.7260, 32.6731, 20.4113 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(125, 77, 168) }
```

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

```
.background{ background-color: rgb(125, 77,  
168) }
```

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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