

Converting Colors

YUV(51.0490, 35.9648, -8.8130)

Have a look what the booklet for
YUV(51.0490, 35.9648, -8.8130)
contains.

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Color

**YUV(51.0490, 35.9648,
-8.8130)**

Conversions

Conversions Part 1

Format	Color
Hex	292A7C
RGB	41, 42, 124
RGB Percent	16%, 16%, 49%
CMY	0.8392, 0.8353, 0.5137
CMYK	0.67, 0.66, 0.00, 0.51
HSL	239°, 50%, 32%
HSV	239°, 67%, 49%
XYZ	5.3805, 3.5826, 19.4767
YIQ	51.0490, -26.9180, 25.2900

Conversions

Conversions Part 2

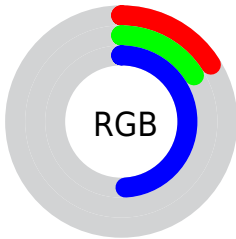
Format	Color
R_{YB}	41, 42, 124
Decimal	2697852
CIE _{Lab}	22.24, 27.15, -46.76
CIE _{LCh}	22, 54.070, 300.146
Yxy	3.5826, 0.1892, 0.1260
Android (android.graphics.Color)	4280887932 (0xFF292A7C)
YUV	51.0490, 35.9648, -8.8130
Hunter-Lab	18.9277, 17.6180, -47.7603

Details

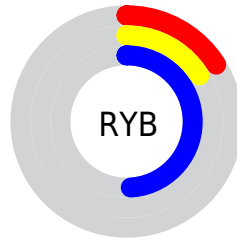
The YUV color **51.0490, 35.9648, -8.8130** is a dark color, and the websafe version is hex **333399**. A complement of this color would be **113.9510, -35.9648, 8.8130**, and the grayscale version is **51.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **100.8370, 37.5484, -3.3650**, and **8.4360, 32.3231, -7.3984** is the 20% darker color. If you saturate the color by 10%, you get **40.4170, 41.2064, -10.0127**, and if you desaturate by 10%, it is **61.6810, 30.7233, -7.6132**.

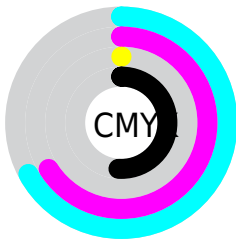
Distribution



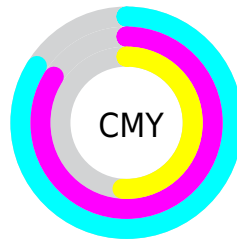
- Red (16%)
- Green (16%)
- Blue (49%)



- Red (16%)
- Yellow (16%)
- Blue (49%)



- Cyan (67%)
- Magenta (66%)
- Yellow (0%)
- Black (51%)



- Cyan (84%)
- Magenta (84%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the YUV color 51.0490, 35.9648, -8.8130 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 51.0490, 35.9648, -8.8130 by changing the saturation by 10% instead.

■ 51.0490, 35.9648,
-8.8130

■ 51.0490, 35.9648,
-8.8130

■ 255.0000, 0.0000,
0.0000

■ 23.6130, 37.1658,
-20.7086

■ 100.8370, 37.5484,
-3.3650

■ 8.4360, 32.3231,
-7.3984

■ 126.1900, 38.8533,
-1.9206

■ 8.1620, 21.1191,
-7.1581

■ 153.1300, 39.8689,
-0.9910

■ 4.4800, 12.0884,
-3.9290

■ 179.1580, 37.3901,
0.7384

■ 0.0000, 0.0000,
0.0000

■ 203.6780, 25.3017,
4.6674

■ 228.7850, 12.9240,

8.0816

250.8910, 2.0257,
3.6036

51.0490, 35.9648,
-8.8130

51.0490, 35.9648,
-8.8130

40.4170, 41.2064,
-10.0127

61.6810, 30.7233,
-7.6132

28.8990, 46.8848,
-11.3124

73.1990, 25.0449,
-6.3135

18.2670, 52.1264,
-12.5122

83.8310, 19.8033,
-5.1138

14.7230, 53.8736,
-12.9121

94.7620, 14.4143,
-3.2993

105.3940, 9.1728,
-2.0995

■ 116.6130, 3.6418,
-1.4146

■ 127.5440, -1.7472,
0.3999

■ 138.1760, -6.9888,
1.5996

■ 149.1070,
-12.3778, 3.4142

Harmonies

Analogous

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



50.0230, 41.8937, -43.8702



51.0490, 35.9648, -8.8130



43.8390, 24.7294, 48.3762

Triad

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



51.0490, 35.9648, -8.8130



48.3740, -23.8484, 42.6450



46.4310, 2.7455, -40.7200

Complementary

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



51.0490, 35.9648, -8.8130



113.9510, -35.9648, 8.8130

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.



40.0130, -16.7684, -35.0914



51.0490, 35.9648, -8.8130



50.2580, -24.7772, 13.8057

Square

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



51.0490, 35.9648, -8.8130



36.3940, -10.5472, 69.8145



43.5700, -21.4800, -17.1629



51.1050, 20.6542, -44.8191

Rectangle

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



51.0490, 35.9648, -8.8130



42.1370, 12.7505, 63.9009



43.5700, -21.4800, -17.1629



44.2480, -3.0803, -38.8055

Sweetspot

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



51.0490, 35.9648, -8.8130



132.6480, 13.9775, -3.1993



99.0690, 11.7980, -50.9265



64.2800, 8.7360, -1.9996



209.0000, 0.0000, 0.0000



82.0000, 0.0000, 0.0000

Same Dimension

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



51.0490, 35.9648, -8.8130



47.8800, 55.7682, -13.9268



62.4220, 30.3580, 16.2929



55.6840, 2.6208, -0.5999



15.4240, 54.0210, -13.5268



30.4890, 109.2049, -26.7389

Inverse Universe

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



65.9310, -11.7980, 50.9265



70.7990, -18.1419, 79.1063



102.5780, -30.3580, -16.2929



56.7940, -0.8844, 3.6887



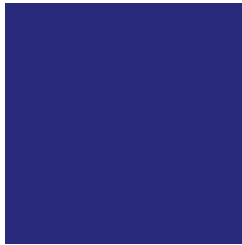
37.6030, -17.5523, 76.6472



75.6900, -35.8362, 154.6239

Previews

White Background



This preview shows how the YUV color 51.0490, 35.9648, -8.8130 looks on a white background.

Color Contrast Check

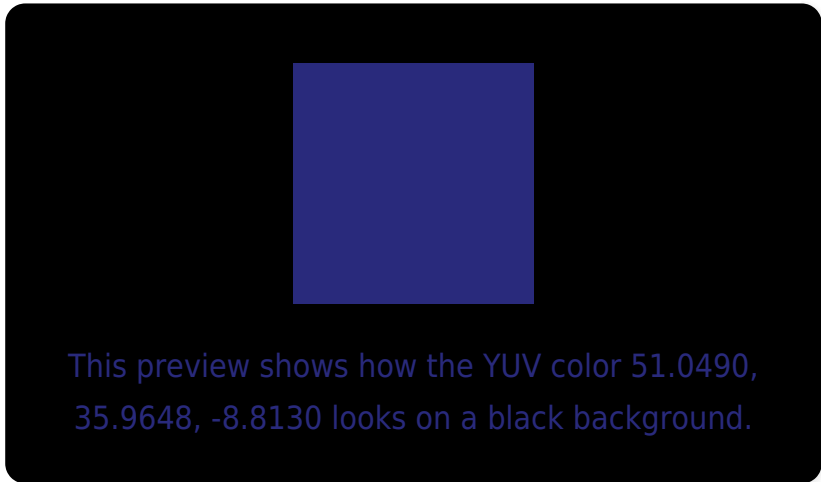
Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

Black Background



Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

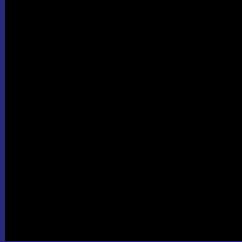
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

YUV 51.0490, 35.9648, -8.8130

Background



This preview shows how black text looks on a background with the YUV color 51.0490, 35.9648, -8.8130.



This preview shows how white text looks on a background with the YUV color 51.0490, 35.9648, -8.8130.

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

51.0490, 35.9648, -8.8130

Protanopia

42.9500, 32.5627, -37.6671

Deuteranopia

42.8870, 24.7057, -37.6119



Tritanopia

41.9290, 10.8810, -36.7717

Trichromacy



Original Color

51.0490, 35.9648, -8.8130

Protanomaly

45.6570, 33.6931, -26.8862

Deuteranomaly

45.6910, 28.7463, -26.9160

Tritanomaly

45.4000, 20.0158, -26.6608

Monochromacy



Original Color

51.0490, 35.9648, -8.8130

Achromatopsia

51.0000, 0.0000, 0.0000

Achromatomaly

51.1210, 13.2513, -3.6141

CSS Examples

Text

The CSS property to change the color of the text to YUV 51.0490, 35.9648, -8.8130 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(41, 42, 124)` looks like.

```
.text, #text, p{  
    color:rgb(41, 42, 124)  
}
```

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(41, 42, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(41, 42, 124) }
```

Border

The CSS property to change the border of an element to YUV 51.0490, 35.9648, -8.8130 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(41, 42, 124) }
```


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

```
.border{ border-color:rgb(41, 42, 124) }
```

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

Here you see how a box with a 4 pixel `rgb(41, 42, 124)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(41, 42, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(41, 42, 124);  
box-shadow:4px 4px 4px 4px rgb(41, 42,  
124) }
```

Background

The CSS property to change the background color of an element to YUV 51.0490, 35.9648, -8.8130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(41, 42, 124) }
```

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

```
.background{ background-color: rgb(41, 42,  
124) }
```

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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