

# Converting Colors

YUV(83.6310, 26.3109,  
-39.1414)

Have a look what the booklet for  
YUV(83.6310, 26.3109, -39.1414)  
contains.

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# Color

**YUV(83.6310, 26.3109,  
-39.1414)**

# Conversions

## Conversions Part 1

Format	Color
Hex	276089
RGB	39, 96, 137
RGB Percent	15%, 38%, 54%
CMY	0.8471, 0.6235, 0.4627
CMYK	0.72, 0.30, 0.00, 0.46
HSL	205°, 56%, 35%
HSV	205°, 72%, 54%
XYZ	9.5349, 10.6032, 25.2110
YIQ	83.6310, -47.1330, 0.6670

# Conversions

## Conversions Part 2

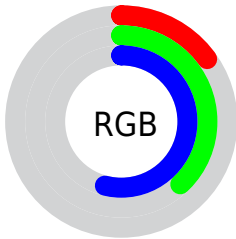
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	39, 75, 137
Decimal	2580617
CIE <sub>Lab</sub>	38.90, -4.33, -28.15
CIE <sub>LCh</sub>	39, 28.481, 261.255
Yxy	10.6032, 0.2103, 0.2338
Android (android.graphics.Color)	4280770697 (0xFF276089)
YUV	83.6310, 26.3109, -39.1414
Hunter-Lab	32.5626, -4.7164, -23.1104

# Details

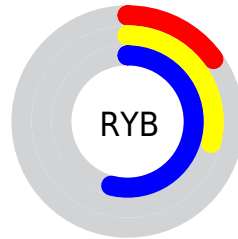
The YUV color **83.6310, 26.3109, -39.1414** is a dark color, and the websafe version is hex **006699**. A complement of this color would be **92.3690, -26.3109, 39.1414**, and the grayscale version is **83.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **136.4790, 26.8789, -34.6231**, and **39.2680, 23.5319, -34.4380** is the 20% darker color. If you saturate the color by 10%, you get **75.9230, 30.1110, -44.6595**, and if you desaturate by 10%, it is **91.3390, 22.5109, -33.6233**.

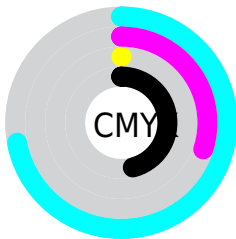
# Distribution



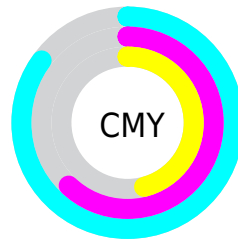
- Red (15%)
- Green (38%)
- Blue (54%)



- Red (15%)
- Yellow (29%)
- Blue (54%)



- Cyan (72%)
- Magenta (30%)
- Yellow (0%)
- Black (46%)



- Cyan (85%)
- Magenta (62%)
- Yellow (46%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 83.6310, 26.3109, -39.1414 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 83.6310, 26.3109, -39.1414 by changing the saturation by 10% instead.



■ 83.6310, 26.3109,  
-39.1414

■ 83.6310, 26.3109,  
-39.1414

■ 255.0000, 0.0000,  
0.0000

■ 54.9180, 27.6484,  
-48.1631

■ 136.4790, 26.8789,  
-34.6231

■ 39.2680, 23.5319,  
-34.4380

■ 163.5930, 27.3157,  
-34.7231

■ 24.2050, 19.1259,  
-21.2278

■ 191.0060, 27.6050,  
-34.2083

■ 6.4350, 17.0405,  
-5.6435

■ 216.7260, 18.8691,  
-32.2087

■ 2.7530, 8.0098,  
-2.4144

■ 241.2460, 6.7807,  
-28.2797

■ 0.0000, 0.0000,  
0.0000

■ 249.9170, 2.5059,

-10.4512

■ 83.6310, 26.3109,  
-39.1414

■ 83.6310, 26.3109,  
-39.1414

■ 75.9230, 30.1110,  
-44.6595

■ 91.3390, 22.5109,  
-33.6233

■ 69.1010, 33.4742,  
-50.0776

■ 98.1610, 19.1476,  
-28.2052

■ 62.5780, 36.6900,  
-54.8809

■ 105.8690, 15.3476,  
-22.6871

■ 113.5770, 11.5475,  
-17.1690

■ 121.2850, 7.7475,  
-11.6509

■ 128.1070, 4.3842,  
-6.2328

■ 135.8150, 0.5842,  
-0.7148

■ 143.5230, -3.2158,  
4.8033

■ 150.9320, -6.8685,  
9.7066

# Harmonies

## Analogous

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



73.7650, 26.2449, -64.6919



83.6310, 26.3109, -39.1414



91.8630, 21.2665, -7.7729

# Triad

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



83.6310, 26.3109, -39.1414



92.7660, -8.2656, 37.9162



85.1920, -11.4337, -19.4624

# Complementary

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



83.6310, 26.3109, -39.1414



92.3690, -26.3109, 39.1414

# 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.



88.0330, -20.2293, 1.7251



83.6310, 26.3109, -39.1414



91.6160, -17.5587, 31.9088

# Square

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



83.6310, 26.3109, -39.1414



93.8930, 2.5178, 32.5428



90.2740, -22.3201, 19.0537



77.8110, 3.0512, -45.4382



# Rectangle

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



83.6310, 26.3109, -39.1414



93.8930, 15.8288, 9.7408



90.2740, -22.3201, 19.0537



86.0250, -14.8023, -12.2999

# Sweetspot

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



83.6310, 26.3109, -39.1414



158.2460, 10.2317, -15.1247



101.2000, -10.4516, -54.5494



77.1390, 5.8475, -8.8919



217.0000, 0.0000, 0.0000



89.0000, 0.0000, 0.0000



# Same Dimension

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



83.6310, 26.3109, -39.1414



94.7990, 41.5111, -61.2137



54.8680, 40.4911, -13.9162



65.1460, 1.9000, -2.7590



60.3610, 35.8110, -52.9366



2.3310, 1.3158, -2.0443



# Inverse Universe

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



74.8000, 10.4516, 54.5494



81.1920, 16.1743, 85.7776



121.1320, -40.4911, 13.9162



64.5490, 0.7153, 3.9035



48.5450, 14.0283, 74.0670



1.8370, 0.5734, 2.7740



# Previews

## White Background



This preview shows how the YUV color 83.6310, 26.3109, -39.1414 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 83.6310, 26.3109, -39.1414 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 83.6310, 26.3109, -39.1414

## Background



This preview shows how black text looks on a background with the YUV color 83.6310, 26.3109, -39.1414.



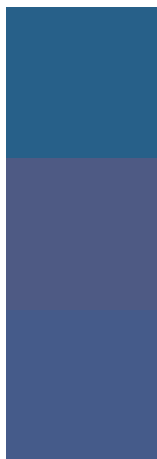
This preview shows how white text looks on a background with the YUV color 83.6310, 26.3109,



# 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

83.6310, 26.3109, -39.1414

### Protanopia

91.2000, 20.1144, -11.5764

### Deuteranopia

89.7800, 23.7725, -18.2241



## Tritanopia

76.0130, 16.7556, -54.3854

# Trichromacy



## Original Color

83.6310, 26.3109, -39.1414

## Protanomaly

88.4160, 22.4729, -21.4128

## Deuteranomaly

87.6650, 24.8152, -26.0162

## Tritanomaly

78.6700, 20.3757, -48.8226

# Monochromacy



## Original Color

83.6310, 26.3109, -39.1414

## Achromatopsia

84.0000, 0.0000, 0.0000

## Achromatomaly

83.7300, 9.5001, -13.7952

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 83.6310, 26.3109, -39.1414 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(39, 96, 137)` looks like.

```
.text, #text, p{  
    color:rgb(39, 96, 137)  
}
```

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(39, 96, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(39, 96, 137) }
```

## Border

The CSS property to change the border of an element to YUV 83.6310, 26.3109, -39.1414 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(39, 96, 137) }
```



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

```
.border{ border-color:rgb(39, 96, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(39, 96, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(39, 96, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(39, 96, 137);  
box-shadow:4px 4px 4px 4px rgb(39, 96,  
137) }
```

# Background

The CSS property to change the background color of an element to YUV 83.6310, 26.3109, -39.1414 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(39, 96, 137) }
```

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

```
.background{ background-color: rgb(39, 96,  
137) }
```

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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