

# Converting Colors

YUV(64.1280, 83.2539, -9.7593)

Have a look what the booklet for  
YUV(64.1280, 83.2539, -9.7593)  
contains.

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# Color

**YUV(64.1280, 83.2539,  
-9.7593)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	3525E9
RGB	53, 37, 233
RGB Percent	21%, 15%, 91%
CMY	0.7922, 0.8549, 0.0863
CMYK	0.77, 0.84, 0.00, 0.09
HSL	245°, 82%, 53%
HSV	245°, 84%, 91%
XYZ	16.8377, 7.9632, 77.7404
YIQ	64.1280, -53.3800, 64.3480

# Conversions

## Conversions Part 2

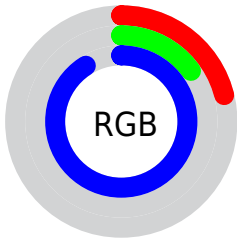
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	53, 37, 233
Decimal	3483113
CIE Lab	33.91, 65.70, -92.71
CIE LCh	34, 113.630, 305.324
Yxy	7.9632, 0.1642, 0.0777
Android (android.graphics.Color)	4281673193 (0xFF3525E9)
YUV	64.1280, 83.2539, -9.7593
Hunter-Lab	28.2192, 57.1234, -143.5834

# Details

The YUV color **64.1280, 83.2539, -9.7593** is a dark color, and the websafe version is hex **3333FF**. The color can be described as dark washed blue. A complement of this color would be **205.8720, -83.2539, 9.7593**, and the grayscale version is **63.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **120.7700, 66.1754, 8.0947**, and **20.0640, 76.8764, -17.5961** is the 20% darker color. If you saturate the color by 10%, you get **44.3480, 93.0054, -10.8292**, and if you desaturate by 10%, it is **83.9080, 73.5024, -8.6893**.

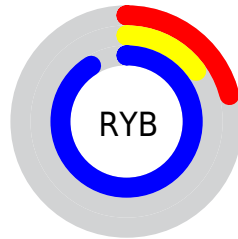
# Distribution



Red (21%)

Green (15%)

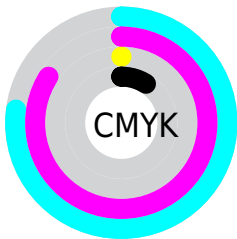
Blue (91%)



Red (21%)

Yellow (15%)

Blue (91%)

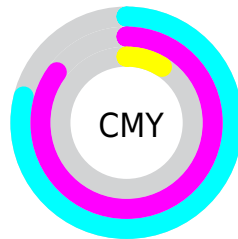


Cyan (77%)

Magenta (84%)

Yellow (0%)

Black (9%)



Cyan (79%)

Magenta (85%)

Yellow (9%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 64.1280, 83.2539, -9.7593 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 64.1280, 83.2539, -9.7593 by changing the saturation by 10% instead.



■ 64.1280, 83.2539,  
-9.7593

■ 64.1280, 83.2539,  
-9.7593

255.0000, 0.0000,  
0.0000

■ 25.6040, 87.9492,  
-22.4547

■ 120.7700, 66.1754,  
8.0947

■ 20.0640, 76.8764,  
-17.5961

■ 145.8990, 53.7868,  
14.9976

■ 16.8720, 64.6461,  
-14.7967

■ 171.3160, 41.2562,  
20.7709

■ 13.7940, 52.8526,  
-12.0973

■ 196.7330, 28.7256,  
26.5442

■ 19.0480, 37.4443,  
-16.7051

■ 221.5410, 16.4953,  
29.3435

■ 12.6760, 28.2607,  
-11.1169

■ 238.5640, 8.1029,

■ 7.7060, 19.3719,

14.4144

-6.7582

■ 3.4370, 10.6306,  
-3.0142

■ 0.0000, 0.0000,  
0.0000

■ 64.1280, 83.2539,  
-9.7593

■ 64.1280, 83.2539,  
-9.7593

■ 44.3480, 93.0054,  
-10.8292

■ 83.9080, 73.5024,  
-8.6893

■ 32.2430, 98.9732,  
-11.6141

■ 104.5740, 63.3140,  
-7.5194

■ 124.3540, 53.5625,  
-6.4495

■ 144.4330, 43.6635,  
-4.7647

■ 164.8000, 33.6226,  
-4.2096

■ 184.5800, 23.8711,  
-3.1397

■ 204.6590, 13.9721,  
-1.4549

■ 224.4390, 4.2206,  
-0.3850

■ 245.1050, -5.9678,  
0.7849

# Harmonies

## Analogous

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



83.6610, 84.4701, -73.3707



64.1280, 83.2539, -9.7593



74.5230, 41.1542, 100.3963

# Triad

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



64.1280, 83.2539, -9.7593



66.0040, -32.5400, 77.1725



73.6390, 10.5310, -64.5814

# Complementary

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



64.1280, 83.2539, -9.7593



205.8720, -83.2539, 9.7593

# 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.



61.0480, -30.0967, -53.5391



64.1280, 83.2539, -9.7593



73.8370, -36.4016, 8.9130

# Square

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



64.1280, 83.2539, -9.7593



60.6970, -29.9236, 124.7997



58.1130, -28.6497, -50.9651



85.6600, 48.9746, -75.1238



# Rectangle

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



64.1280, 83.2539, -9.7593



76.0550, 10.8189, 123.6088



58.1130, -28.6497, -50.9651



69.4040, -3.1572, -60.8673

# Sweetspot

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



64.1280, 83.2539, -9.7593



199.7910, 27.2180, -3.3247



166.7650, 32.6539, -113.8039



94.3430, 16.5929, -2.0548



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000



# Same Dimension

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



64.1280, 83.2539, -9.7593



35.3490, 108.2879, -12.5841



92.5330, 69.2502, 48.6446



107.5530, 4.6574, -0.4850



25.1190, 76.8493, -8.8744



7.3520, 22.9975, -2.9397



# Inverse Universe

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



116.1240, 49.7319, 102.5003



102.9210, 64.6219, 133.3733



177.4670, -69.2502, -48.6446



110.4290, 2.7465, 5.7628



73.0430, 45.8278, 94.6783

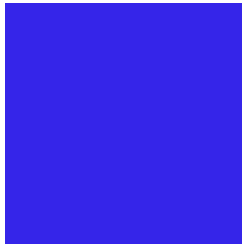


21.7320, 13.4431, 28.2990



# Previews

## White Background



This preview shows how the YUV color 64.1280, 83.2539, -9.7593 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

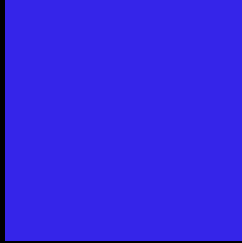
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass



# Black Background



This preview shows how the YUV color 64.1280, 83.2539, -9.7593 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 64.1280, 83.2539, -9.7593

## Background



This preview shows how black text looks on a background with the YUV color 64.1280, 83.2539, -9.7593.



This preview shows how white text looks on a background with the YUV color 64.1280, 83.2539, -9.7593.

-9.7593.

# 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

64.1280, 83.2539, -9.7593

### Protanopia

62.8520, 47.8940, -55.1212

### Tritanopia

62.2580, 15.1558, -54.6003

# Trichromacy



## Original Color

64.1280, 83.2539, -9.7593

## Protanomaly

63.3930, 60.9383, -38.9327

## Tritanomaly

62.6000, 40.1302, -38.2372

# Monochromacy



## Original Color

64.1280, 83.2539, -9.7593

## Achromatopsia

64.0000, 0.0000, 0.0000

## Achromatomaly

63.8880, 30.1282, -3.4098

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 64.1280, 83.2539, -9.7593 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(53, 37, 233)` looks like.

```
.text, #text, p{  
    color:rgb(53, 37, 233)  
}
```

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(53, 37, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(53, 37, 233) }
```

## Border

The CSS property to change the border of an element to YUV 64.1280, 83.2539, -9.7593 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(53, 37, 233) }
```

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

```
.border{ border-color:rgb(53, 37, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(53, 37, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(53, 37, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(53, 37, 233);  
box-shadow:4px 4px 4px 4px rgb(53, 37,  
233) }
```



# Background

The CSS property to change the background color of an element to YUV 64.1280, 83.2539, -9.7593 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(53, 37, 233) }
```

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

```
.background{ background-color: rgb(53, 37,  
233) }
```

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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