

# Converting Colors

YUV(79.4300, 7.6760, -35.4571)

Have a look what the booklet for  
YUV(79.4300, 7.6760, -35.4571)  
contains.

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# Color

**YUV(79.4300, 7.6760,  
-35.4571)**

# Conversions

## Conversions Part 1

Format	Color
Hex	27615F
RGB	39, 97, 95
RGB Percent	15%, 38%, 37%
CMY	0.8471, 0.6196, 0.6275
CMYK	0.60, 0.00, 0.02, 0.62
HSL	178°, 43%, 27%
HSV	178°, 60%, 38%
XYZ	7.1770, 9.8069, 12.3411
YIQ	79.4300, -33.9260, -12.9180

# Conversions

## Conversions Part 2

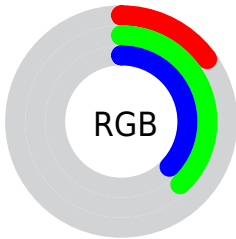
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	39, 69, 97
Decimal	2580831
CIE <sub>Lab</sub>	37.49, -19.24, -4.56
CIE <sub>LCh</sub>	37, 19.774, 193.330
Yxy	9.8069, 0.2447, 0.3344
Android (android.graphics.Color)	4280770911 (0xFF27615F)
YUV	79.4300, 7.6760, -35.4571
Hunter-Lab	31.3160, -13.8948, -1.4440

# Details

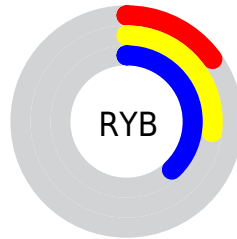
The YUV color **79.4300, 7.6760, -35.4571** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **56.5700, -7.6760, 35.4571**, and the grayscale version is **79.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **130.6150, 7.0918, -34.7424**, and **34.9360, 6.9336, -30.6389** is the 20% darker color. If you saturate the color by 10%, you get **76.4400, 9.1501, -41.6049**, and if you desaturate by 10%, it is **82.4200, 6.2019, -29.3093**.

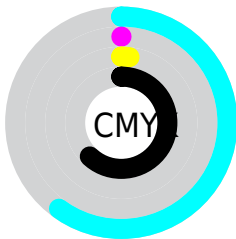
# Distribution



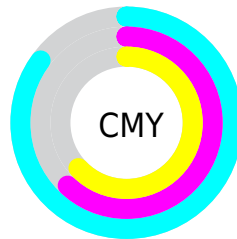
- Red (15%)
- Green (38%)
- Blue (37%)



- Red (15%)
- Yellow (27%)
- Blue (38%)



- Cyan (60%)
- Magenta (0%)
- Yellow (2%)
- Black (62%)



- Cyan (85%)
- Magenta (62%)
- Yellow (63%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 79.4300, 7.6760, -35.4571 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 79.4300, 7.6760, -35.4571 by changing the saturation by 10% instead.



79.4300, 7.6760,  
-35.4571

79.4300, 7.6760,  
-35.4571

255.0000, 0.0000,  
0.0000

53.0380, 8.8553,  
-40.3753

130.6150, 7.0918,  
-34.7424

34.9360, 6.9336,  
-30.6389

157.3160, 7.2392,  
-35.3571

20.8020, 3.5486,  
-18.2434

184.3160, 7.2392,  
-35.3571

0.1140, 0.4368,  
-0.1000

212.0170, 7.3866,  
-35.9719

0.0000, 0.0000,  
0.0000

238.2560, 8.2548,  
-34.4275

246.9270, 3.9800,

-16.5990

■ 79.4300, 7.6760,  
-35.4571

■ 79.4300, 7.6760,  
-35.4571

■ 76.4400, 9.1501,  
-41.6049

■ 82.4200, 6.2019,  
-29.3093

■ 73.6350, 10.0399,  
-47.0379

■ 85.2250, 5.3121,  
-23.8763

■ 70.6450, 11.5140,  
-53.1857

■ 88.2150, 3.8380,  
-17.7286

■ 67.6550, 12.9881,  
-59.3334

■ 91.2050, 2.3639,  
-11.5808

■ 94.3090, 1.3267,  
-5.5330

■ 97.0000, 0.0000,  
0.0000

■ 99.9900, -1.4741,  
6.1478

■ 103.0940, -2.5113,  
12.1956

■ 105.7850, -3.8380,  
17.7286

# Harmonies

## Analogous

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



81.8030, -1.3819, -23.5062



79.4300, 7.6760, -35.4571



79.6560, 14.9596, -38.2863

# Triad

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



79.4300, 7.6760, -35.4571



90.5030, 10.5980, 7.4519



87.9130, -14.7471, 16.7393

# Complementary

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



79.4300, 7.6760, -35.4571



56.5700, -7.6760, 35.4571

# 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.



88.9940, -10.8430, 24.5613



79.4300, 7.6760, -35.4571



90.4570, 3.7187, 20.6472

# Square

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



79.4300, 7.6760, -35.4571



87.9570, 15.3042, -8.7323



89.8400, -3.8651, 26.4503



86.8360, -14.7091, 4.5288



# Rectangle

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



79.4300, 7.6760, -35.4571



82.1560, 16.6851, -31.7088



89.8400, -3.8651, 26.4503



88.1630, -13.8844, 20.0280

# Sweetspot

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



79.4300, 7.6760, -35.4571



118.0090, 2.9536, -14.0399



73.9430, -17.2269, -28.0140



59.7000, 1.6269, -8.5069



191.0000, 0.0000, 0.0000



64.0000, 0.0000, 0.0000



# Same Dimension

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



79.4300, 7.6760, -35.4571



97.7480, 11.9562, -55.0300



64.3960, 16.0738, -22.2723



46.8040, 0.5896, -2.4591



78.0560, 14.7624, -68.4551



167.2140, 31.4465, -146.6467



# Inverse Universe

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



56.5700, -7.6760, 35.4571



62.2520, -11.9562, 55.0300



71.6040, -16.0738, 22.2723



45.1960, -0.5896, 2.4591



33.9440, -14.7624, 68.4551



72.6720, -31.8833, 146.7467



# Previews

## White Background



This preview shows how the YUV color 79.4300, 7.6760, -35.4571 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 79.4300, 7.6760, -35.4571 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 79.4300, 7.6760, -35.4571

## Background



This preview shows how black text looks on a background with the YUV color 79.4300, 7.6760, -35.4571.



This preview shows how white text looks on a background with the YUV color 79.4300, 7.6760, -35.4571.

-35.4571.

# 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

79.4300, 7.6760, -35.4571

### Protanopia

87.8260, 0.5788, 1.0296

### Deuteranopia

88.4610, 4.2097, 3.1037



## Tritanopia

80.9510, 10.8702, -33.2830

# Trichromacy



## Original Color

79.4300, 7.6760, -35.4571

## Protanomaly

85.0200, 2.9481, -12.2955

## Deuteranomaly

85.0140, 5.4161, -10.5363

## Tritanomaly

80.3100, 9.7072, -33.5979

# Monochromacy



## Original Color

79.4300, 7.6760, -35.4571

## Achromatopsia

79.0000, 0.0000, 0.0000

## Achromatomaly

79.3080, 2.8062, -13.4251

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 79.4300, 7.6760, -35.4571 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, 97, 95)` looks like.

```
.text, #text, p{  
    color:rgb(39, 97, 95)  
}
```

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, 97, 95) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(39, 97, 95) }
```

## Border

The CSS property to change the border of an element to YUV 79.4300, 7.6760, -35.4571 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, 97, 95) }
```



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

```
.border{ border-color:rgb(39, 97, 95) }
```

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

Here you see how a box with a 4 pixel `rgb(39, 97, 95)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(39, 97, 95); -webkit-box-  
shadow:4px 4px 4px 4px rgb(39, 97, 95);  
box-shadow:4px 4px 4px 4px rgb(39, 97, 95)  
}
```

# Background

The CSS property to change the background color of an element to YUV 79.4300, 7.6760, -35.4571 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(39, 97, 95) }
```

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

```
.background{ background-color: rgb(39, 97,  
95) }
```

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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