

# Converting Colors

YUV(63.0780, 35.4575, 13.9636)

Have a look what the booklet for  
YUV(63.0780, 35.4575, 13.9636)  
contains.

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# Color

**YUV(63.0780, 35.4575,  
13.9636)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4F2987
RGB	79, 41, 135
RGB Percent	31%, 16%, 53%
CMY	0.6902, 0.8392, 0.4706
CMYK	0.41, 0.70, 0.00, 0.47
HSL	264°, 53%, 35%
HSV	264°, 70%, 53%
XYZ	8.3906, 4.9974, 23.4440
YIQ	63.0780, -7.5260, 37.2900

# Conversions

## Conversions Part 2

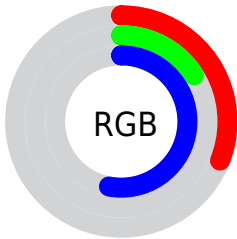
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	79, 41, 135
Decimal	5187975
CIE <sub>Lab</sub>	26.73, 38.46, -46.20
CIE <sub>LCh</sub>	27, 60.119, 309.775
Yxy	4.9974, 0.2278, 0.1357
Android (android.graphics.Color)	4283378055 (0xFF4F2987)
YUV	63.0780, 35.4575, 13.9636
Hunter-Lab	22.3549, 27.8762, -46.5302

# Details

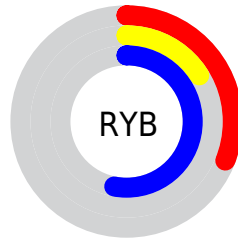
The YUV color **63.0780, 35.4575, 13.9636** is a dark color, and the websafe version is hex **663399**. A complement of this color would be **112.9220, -35.4575, -13.9636**, and the grayscale version is **63.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **113.5560, 37.1939, 17.0524**, and **16.7520, 33.1533, 6.3565** is the 20% darker color. If you saturate the color by 10%, you get **53.0550, 40.3989, 15.7378**, and if you desaturate by 10%, it is **73.6880, 30.2268, 11.6746**.

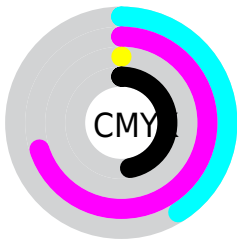
# Distribution



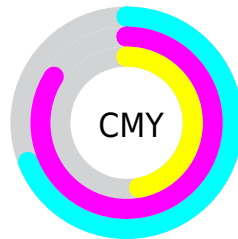
- Red (31%)
- Green (16%)
- Blue (53%)



- Red (31%)
- Yellow (16%)
- Blue (53%)



- Cyan (41%)
- Magenta (70%)
- Yellow (0%)
- Black (47%)



- Cyan (69%)
- Magenta (84%)
- Yellow (47%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 63.0780, 35.4575, 13.9636 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 63.0780, 35.4575, 13.9636 by changing the saturation by 10% instead.



■ 63.0780, 35.4575,  
13.9636

■ 63.0780, 35.4575,  
13.9636

■ 255.0000, 0.0000,  
0.0000

■ 37.9530, 35.0262,  
12.3192

■ 113.5560, 37.1939,  
17.0524

■ 16.7520, 33.1533,  
6.3565

■ 139.4960, 38.2095,  
17.9820

■ 6.8400, 26.2079,  
-5.9987

■ 166.4360, 39.2251,  
18.9116

■ 5.5060, 16.0195,  
-4.8288

■ 191.9820, 31.0679,  
21.9408

■ 2.1830, 5.8258,  
-1.9145

■ 217.0890, 18.6901,  
25.3549

■ 0.0000, 0.0000,  
0.0000

■ 236.2160, 9.2605,

16.4736

253.2390, 0.8682,  
1.5444

63.0780, 35.4575,  
13.9636

63.0780, 35.4575,  
13.9636

53.0550, 40.3989,  
15.7378

73.6880, 30.2268,  
11.6746

42.4450, 45.6296,  
18.0267

83.7110, 25.2855,  
9.9005

31.8350, 50.8603,  
20.3157

94.3210, 20.0547,  
7.6115

104.3440, 15.1134,  
5.8373

114.9540, 9.8827,  
3.5483

■ 124.9770, 4.9413,  
1.7742

■ 135.5870, -0.2894,  
-0.5148

■ 145.6100, -5.2307,  
-2.2890

■ 156.2200,  
-10.4615, -4.5779

# Harmonies

## Analogous

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



55.9390, 49.3301, -49.0585



63.0780, 35.4575, 13.9636



48.6180, 23.3593, 67.8640

# Triad

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



63.0780, 35.4575, 13.9636



59.5600, -29.3631, 38.0969



56.4390, 10.6296, -49.4970

# Complementary

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



63.0780, 35.4575, 13.9636



112.9220, -35.4575, -13.9636

# 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.



50.2660, -10.4841, -44.0833



63.0780, 35.4575, 13.9636



58.1770, -28.6813, 5.9838

# Square

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



63.0780, 35.4575, 13.9636



46.7290, -22.0514, 73.0287



44.0250, -21.7043, -38.6099



61.4550, 29.8487, -53.8960



# Rectangle

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



63.0780, 35.4575, 13.9636



48.7860, 8.4865, 78.2407



44.0250, -21.7043, -38.6099



54.6150, 3.6408, -47.8974

# Sweetspot

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



63.0780, 35.4575, 13.9636



147.7030, 13.9504, 5.5225



84.5880, 24.8531, -38.2267



72.1990, 8.2829, 3.3335



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.



63.0780, 35.4575, 13.9636



62.8120, 55.8017, 22.0899



77.1310, 28.5294, 42.8581



61.2820, 2.3260, 0.6297



30.6670, 48.9712, 19.5860



0.6410, 1.1630, 0.3148



# Inverse Universe

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



75.4900, 10.6044, 52.1903



82.2840, 16.6220, 82.1889



98.8690, -28.5294, -42.8581



62.2500, 0.8628, 3.2888



47.6480, 14.4705, 72.2227

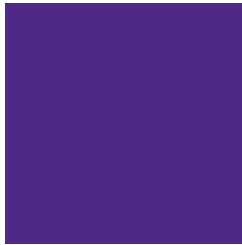


1.1250, 0.4314, 1.6444



# Previews

## White Background



This preview shows how the YUV color 63.0780, 35.4575, 13.9636 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 63.0780, 35.4575, 13.9636 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

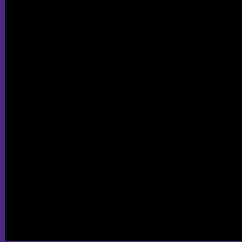
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 63.0780, 35.4575, 13.9636

## Background



This preview shows how black text looks on a background with the YUV color 63.0780, 35.4575, 13.9636.



This preview shows how white text looks on a background with the YUV color 63.0780, 35.4575,



# 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

63.0780, 35.4575, 13.9636

### Protanopia

51.2140, 38.8415, -44.9147

### Deuteranopia

51.0370, 30.5478, -44.7594



## Tritanopia

63.8690, 2.0366, 0.1149

# Trichromacy



## Original Color

63.0780, 35.4575, 13.9636

## Protanomaly

55.4170, 37.7554, -23.1677

## Deuteranomaly

55.3370, 32.3719, -23.0975

## Tritanomaly

63.4040, 14.0978, 4.9077

# Monochromacy



## Original Color

63.0780, 35.4575, 13.9636

## Achromatopsia

63.0000, 0.0000, 0.0000

## Achromatomaly

63.0620, 12.7874, 5.2076

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 63.0780, 35.4575, 13.9636 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(79, 41, 135)` looks like.

```
.text, #text, p{  
    color:rgb(79, 41, 135)  
}
```

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(79, 41, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(79, 41, 135) }
```

## Border

The CSS property to change the border of an element to YUV 63.0780, 35.4575, 13.9636 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(79, 41, 135) }
```



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

```
.border{ border-color:rgb(79, 41, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(79, 41, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(79, 41, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(79, 41, 135);  
box-shadow:4px 4px 4px 4px rgb(79, 41,  
135) }
```

# Background

The CSS property to change the background color of an element to YUV 63.0780, 35.4575, 13.9636 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(79, 41, 135) }
```

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

```
.background{ background-color: rgb(79, 41,  
135) }
```

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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