

# Converting Colors

YUV(35.1780, 33.9292, 37.5549)

Have a look what the booklet for  
YUV(35.1780, 33.9292, 37.5549)  
contains.

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# Color

**YUV(35.1780, 33.9292,  
37.5549)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	4E0068
RGB	78, 0, 104
RGB Percent	31%, 0%, 41%
CMY	0.6941, 1.0000, 0.5922
CMYK	0.25, 1.00, 0.00, 0.59
HSL	285°, 100%, 20%
HSV	285°, 100%, 41%
XYZ	5.6406, 2.6192, 13.3050
YIQ	35.1780, 13.1040, 48.8800

# Conversions

## Conversions Part 2

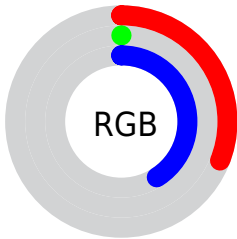
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	78, 0, 104
Decimal	5111912
CIE <sub>Lab</sub>	18.45, 46.54, -39.85
CIE <sub>LCh</sub>	18, 61.271, 319.428
Yxy	2.6192, 0.2616, 0.1215
Android (android.graphics.Color)	4283301992 (0xFF4E0068)
YUV	35.1780, 33.9292, 37.5549
Hunter-Lab	16.1839, 33.8909, -37.4143

# Details

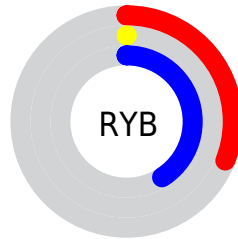
The YUV color **35.1780, 33.9292, 37.5549** is a dark color, and the websafe version is hex **330066**. A complement of this color would be **68.8220, -33.9292, -37.5549**, and the grayscale version is **35.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **91.5860, 31.7561, 34.5661**, and **15.3540, 20.0385, 12.8445** is the 20% darker color. If you saturate the color by 10%, you get **35.1780, 33.9292, 37.5549**, and if you desaturate by 10%, it is **41.9450, 30.5931, 34.2512**.

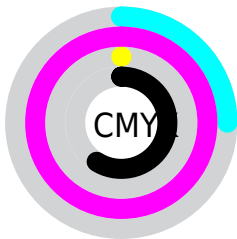
# Distribution



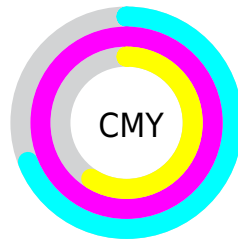
- Red (31%)
- Green (0%)
- Blue (41%)



- Red (31%)
- Yellow (0%)
- Blue (41%)



- Cyan (25%)
- Magenta (100%)
- Yellow (0%)
- Black (59%)



- Cyan (69%)
- Magenta (100%)
- Yellow (59%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 35.1780, 33.9292, 37.5549 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 35.1780, 33.9292, 37.5549 by changing the saturation by 10% instead.



35.1780, 33.9292,  
37.5549

35.1780, 33.9292,  
37.5549

251.4780, 1.7363,  
3.0888

24.5540, 26.8419,  
24.0701

91.5860, 31.7561,  
34.5661

15.3540, 20.0385,  
12.8445

117.9990, 32.0455,  
35.0809

4.9360, 13.8356,  
-4.3289

144.2380, 32.9137,  
36.6253

0.7980, 3.0576,  
-0.6998


172.0640, 33.4924,  
37.6549


0.0000, 0.0000,  
0.0000


198.2940, 27.9561,  
40.0842


218.0190, 18.2316,


32.4323


 234.4550, 10.1287,  
18.0180


 35.1780, 33.9292,  
37.5549

 41.9450, 30.5931,  
34.2512

 49.0000, 27.1150,  
29.8180

 55.7670, 23.7789,  
26.5143

 62.8220, 20.3008,  
22.0811

 69.5890, 16.9646,  
18.7774

■ 76.3560, 13.6285,  
15.4738

■ 83.4110, 10.1504,  
11.0406

■ 90.1780, 6.8142,  
7.7369

■ 97.2330, 3.3361,  
3.3037

# Harmonies

## Analogous

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



39.5880, 45.0661, -34.7187



35.1780, 33.9292, 37.5549



40.3710, 11.1561, 61.9416

# Triad

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



35.1780, 33.9292, 37.5549



42.9370, -21.1679, 22.8573



44.2430, 14.6702, -38.8011

# Complementary

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



35.1780, 33.9292, 37.5549



68.8220, -33.9292, -37.5549

# 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.



38.2980, -5.5699, -33.5873



35.1780, 33.9292, 37.5549



38.3090, -18.8863, -9.0410

# Square

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



35.1780, 33.9292, 37.5549



29.6010, -14.5933, 60.8629



33.4590, -16.4953, -29.3435



48.6890, 31.7053, -42.7003



# Rectangle

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



35.1780, 33.9292, 37.5549



38.8590, -2.3955, 68.5297



33.4590, -16.4953, -29.3435



42.5330, 8.1182, -37.3014

# Sweetspot

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



35.1780, 33.9292, 37.5549



108.5300, 13.0497, 14.4442



27.1180, 37.9028, -23.7825



52.5310, 8.1192, 9.1813



196.0000, 0.0000, 0.0000



69.0000, 0.0000, 0.0000



# Same Dimension

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



35.1780, 33.9292, 37.5549



45.5890, 44.0796, 48.5954



39.9880, 18.7399, 56.1385



47.7660, 1.5944, 1.9592



38.8240, 37.5548, 41.3734



82.0060, 78.8770, 87.6947



# Inverse Universe

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



34.0600, -3.9736, 61.3374



44.2410, -5.0488, 79.5956



64.0120, -18.7399, -56.1385



47.6090, -0.3002, 2.9739



37.6910, -4.2847, 67.8000

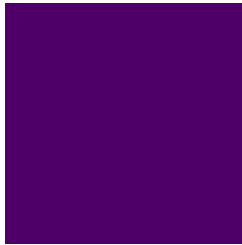


79.3120, -9.0278, 142.6774



# Previews

## White Background



This preview shows how the YUV color 35.1780, 33.9292, 37.5549 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

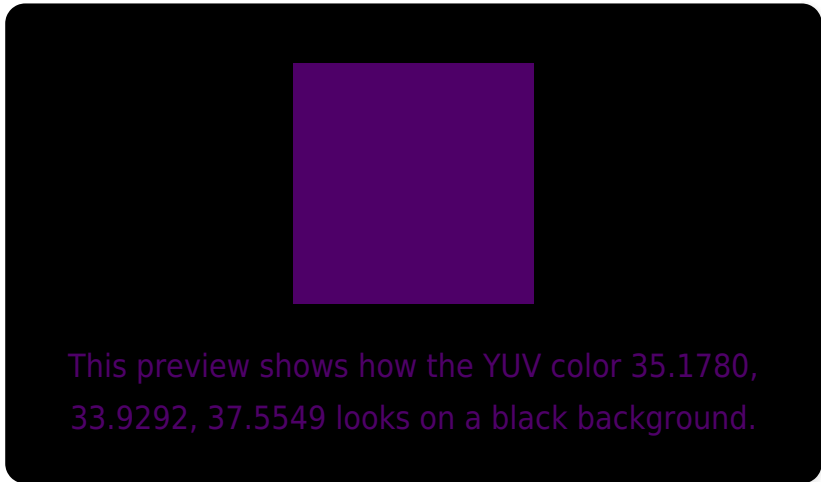
Any Text WCAG AA ✓ Pass

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 35.1780, 33.9292, 37.5549

## Background



This preview shows how black text looks on a background with the YUV color 35.1780, 33.9292, 37.5549.



This preview shows how white text looks on a background with the YUV color 35.1780, 33.9292,



# 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



### Deuteranopia

39.2680, 23.5319, -34.4380

### Tritanopia

49.7140, -2.8170, 16.9138

# Trichromacy



## Deuteranomaly

37.7580, 27.2343, -8.5578

## Tritanomaly

44.3140, 10.6912, 24.2806

# Monochromacy



## Achromatopsia

35.0000, 0.0000, 0.0000

## Achromatomaly

35.0030, 12.3235, 14.0294

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 35.1780, 33.9292, 37.5549 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(78, 0, 104)` looks like.

```
.text, #text, p{  
    color:rgb(78, 0, 104)  
}
```

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(78, 0, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(78, 0, 104) }
```

## Border

The CSS property to change the border of an element to YUV 35.1780, 33.9292, 37.5549 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(78, 0, 104) }
```

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

```
.border{ border-color:rgb(78, 0, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(78, 0, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(78, 0, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(78, 0, 104);  
box-shadow:4px 4px 4px 4px rgb(78, 0, 104)  
}
```



# Background

The CSS property to change the background color of an element to YUV 35.1780, 33.9292, 37.5549 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(78, 0, 104) }
```

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

```
.background{ background-color: rgb(78, 0,  
104) }
```

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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