

# Converting Colors

YUV(133.0060, 34.5070,  
-7.8983)

Have a look what the booklet for  
YUV(133.0060, 34.5070, -7.8983)  
contains.

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# Color

**YUV(133.0060, 34.5070,  
-7.8983)**

# Conversions

## Conversions Part 1

Format	Color
Hex	7C7CCB
RGB	124, 124, 203
RGB Percent	49%, 49%, 80%
CMY	0.5137, 0.5137, 0.2039
CMYK	0.39, 0.39, 0.00, 0.20
HSL	240°, 43%, 64%
HSV	240°, 39%, 80%
XYZ	26.2993, 23.0122, 59.5556
YIQ	133.0060, -25.3590, 24.5690

# Conversions

## Conversions Part 2

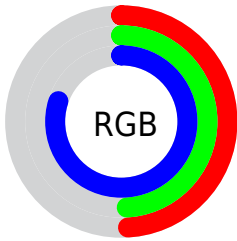
<b>Format</b>	<b>Color</b>
<b>RYB</b>	124, 124, 203
Decimal	8158411
CIELab	55.08, 19.42, -41.00
CIELCh	55, 45.367, 295.338
Yxy	23.0122, 0.2416, 0.2114
Android (android.graphics.Color)	4286348491 (0xFF7C7CCB)
YUV	133.0060, 34.5070, -7.8983
Hunter-Lab	47.9710, 13.9104, -40.0283

# Details

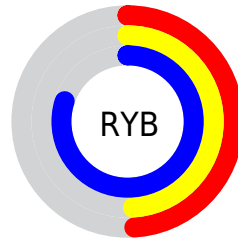
The YUV color **133.0060, 34.5070, -7.8983** is a dark color, and the websafe version is hex **9999FF**. A complement of this color would be **193.9940, -34.5070, 7.8983**, and the grayscale version is **133.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **185.9030, 34.0648, -6.0539**, and **81.8270, 32.6233, -10.3723** is the 20% darker color. If you saturate the color by 10%, you get **115.2860, 43.2430, -9.8978**, and if you desaturate by 10%, it is **150.7260, 25.7711, -5.8987**.

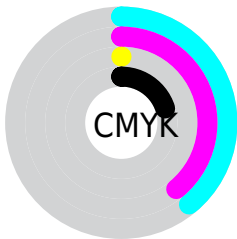
# Distribution



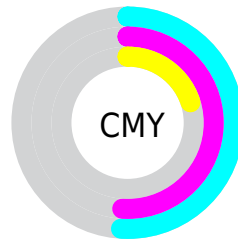
- Red (49%)
- Green (49%)
- Blue (80%)



- Red (49%)
- Yellow (49%)
- Blue (80%)



- Cyan (39%)
- Magenta (39%)
- Yellow (0%)
- Black (20%)



- Cyan (51%)
- Magenta (51%)
- Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 133.0060, 34.5070, -7.8983 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 133.0060, 34.5070, -7.8983 by changing the saturation by 10% instead.



■ 133.0060, 34.5070,  
-7.8983

■ 133.0060, 34.5070,  
-7.8983

255.0000, 0.0000,  
0.0000

■ 107.0660, 33.4915,  
-8.8279

■ 185.9030, 34.0648,  
-6.0539

■ 81.8270, 32.6233,  
-10.3723

■ 211.0100, 21.6871,  
-2.6398

■ 57.8760, 31.6131,  
-13.0463

■ 236.1170, 9.3093,  
0.7744

■ 31.6360, 32.2245,  
-22.4828

■ 14.7790, 28.7030,  
-12.9612

■ 7.9340, 20.2455,  
-6.9581

■ 3.7790, 11.9410,

-3.3142

■ 0.0000, 0.0000,  
0.0000

■ 133.0060, 34.5070,  
-7.8983

■ 133.0060, 34.5070,  
-7.8983

■ 115.2860, 43.2430,  
-9.8978

■ 150.7260, 25.7711,  
-5.8987

■ 96.6800, 52.4158,  
-11.9974

■ 169.3320, 16.5983,  
-3.7992

■ 78.9600, 61.1517,  
-13.9969

■ 187.0520, 7.8624,  
-1.7996

■ 61.2400, 69.8877,  
-15.9965

■ 204.7720, -0.8736,  
0.2000

■ 42.6340, 79.0604,  
-18.0960

■ 223.3780,  
-10.0464, 2.2995

■ 24.9140, 87.7964,  
-20.0956

■ 241.0980,  
-18.7823, 4.2991

■ 23.1420, 88.6700,  
-20.2955

■ 249.0720,  
-22.7135, 5.1989

# Harmonies

## Analogous

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



112.1220, 48.2539, -77.2830



133.0060, 34.5070, -7.8983



135.6000, 20.4102, 33.6768

# Triad

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



133.0060, 34.5070, -7.8983



130.5940, -30.8588, 51.2221



102.7730, 10.4649, -90.1319

# Complementary

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



133.0060, 34.5070, -7.8983



193.9940, -34.5070, 7.8983

# 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.



117.5070, -16.0260, -39.9096



133.0060, 34.5070, -7.8983



128.6760, -38.7873, 27.4711

# Square

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



133.0060, 34.5070, -7.8983



131.6830, -15.6197, 63.4220



124.8570, -33.4535, -3.3826



107.3330, 27.9368, -94.1310



# Rectangle

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



133.0060, 34.5070, -7.8983



134.1480, 9.2940, 52.4902



124.8570, -33.4535, -3.3826



100.7040, 5.0759, -88.3174

# Sweetspot

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



133.0060, 34.5070, -7.8983



227.5340, 13.5407, -3.0993



179.3790, 11.6452, -48.5674



112.0520, 7.8624, -1.7996



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.



133.0060, 34.5070, -7.8983



148.6800, 52.4158, -11.9974



144.9660, 28.6108, 16.6928



93.1400, 4.3680, -0.9998



18.9240, 72.5085, -16.5963



4.3320, 16.5983, -3.7992



# Inverse Universe

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



156.6270, 22.8619, 40.6691



184.5600, 34.7269, 61.7759



182.3330, -28.7582, -16.0780



96.1300, 2.8939, 5.1480



68.5580, 48.0389, 85.4566

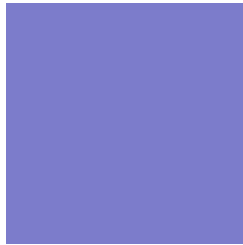


15.6940, 10.9969, 19.5624



# Previews

## White Background



This preview shows how the YUV color 133.0060, 34.5070, -7.8983 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

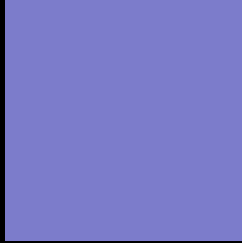
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 133.0060, 34.5070, -7.8983 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

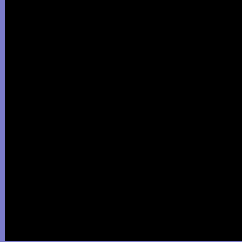
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YUV 133.0060, 34.5070, -7.8983

## Background



This preview shows how black text looks on a background with the YUV color 133.0060, 34.5070, -7.8983.



This preview shows how white text looks on a background with the YUV color 133.0060, 34.5070, -7.8983.

-7.8983.

# 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

133.0060, 34.5070, -7.8983

### Protanopia

129.8190, 38.0502, -24.3973

### Deuteranopia

128.8140, 35.5877, -27.9009



## Tritanopia

129.7790, 8.4900, -16.4692

# Trichromacy



## Original Color

133.0060, 34.5070, -7.8983

## Protanomaly

130.9230, 37.0130, -18.3495

## Deuteranomaly

130.1570, 35.4186, -20.3087

## Tritanomaly

131.2060, 17.6464, -13.3357

# Monochromacy



## Original Color

133.0060, 34.5070, -7.8983

## Achromatopsia

133.0000, 0.0000, 0.0000

## Achromatomaly

133.1920, 12.2303, -2.7994

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 133.0060, 34.5070, -7.8983 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(124, 124, 203)` looks like.

```
.text, #text, p{  
    color:rgb(124, 124, 203)  
}
```

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(124, 124, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(124, 124, 203) }
```

## Border

The CSS property to change the border of an element to YUV 133.0060, 34.5070, -7.8983 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(124, 124, 203) }
```



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

```
.border{ border-color:rgb(124, 124, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(124, 124, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(124, 124, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(124, 124, 203);  
box-shadow:4px 4px 4px 4px rgb(124, 124,  
203) }
```

# Background

The CSS property to change the background color of an element to YUV 133.0060, 34.5070, -7.8983 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(124, 124, 203) }
```

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

```
.background{ background-color: rgb(124,  
124, 203) }
```

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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