

# Converting Colors

YUV(175.6940, 34.6609,  
36.2254)

Have a look what the booklet for  
YUV(175.6940, 34.6609, 36.2254)  
contains.

<b>YUV(175.6940, 34.6609, 36.2254)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YUV(175.6940, 34.6609,  
36.2254)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D98DF6
RGB	217, 141, 246
RGB Percent	85%, 55%, 96%
CMY	0.1490, 0.4471, 0.0353
CMYK	0.12, 0.43, 0.00, 0.04
HSL	283°, 85%, 76%
HSV	283°, 43%, 96%
XYZ	54.7747, 40.4553, 92.1105
YIQ	175.6940, 11.5910, 48.7670

# Conversions

## Conversions Part 2

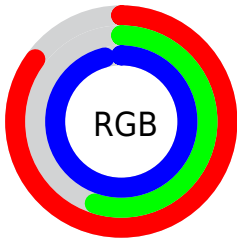
Format	Color
R <sub>Y</sub> B	217, 141, 246
Decimal	14257654
CIE Lab	69.79, 46.29, -41.23
CIE LCh	70, 61.993, 318.306
Yxy	40.4553, 0.2924, 0.2159
Android (android.graphics.Color)	4292447734 (0xFFD98DF6)
YUV	175.6940, 34.6609, 36.2254
Hunter-Lab	63.6045, 42.4122, -41.3392

# Details

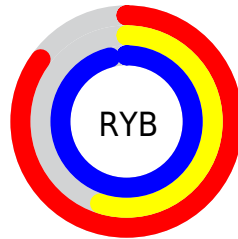
The YUV color **175.6940, 34.6609, 36.2254** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **211.3060, -34.6609, -36.2254**, and the grayscale version is **175.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **220.3670, 17.0741, 30.3731**, and **121.0420, 33.5033, 34.1662** is the 20% darker color. If you saturate the color by 10%, you get **158.9260, 42.9275, 44.7919**, and if you desaturate by 10%, it is **192.4620, 26.3942, 27.6588**.

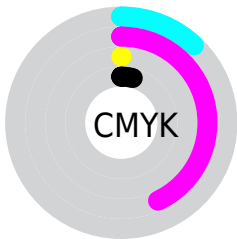
# Distribution



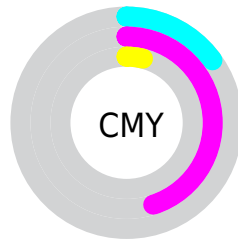
- Red (85%)
- Green (55%)
- Blue (96%)



- Red (85%)
- Yellow (55%)
- Blue (96%)



- Cyan (12%)
- Magenta (43%)
- Yellow (0%)
- Black (4%)



- Cyan (15%)
- Magenta (45%)
- Yellow (4%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 175.6940, 34.6609, 36.2254 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 175.6940, 34.6609, 36.2254 by changing the saturation by 10% instead.




 175.6940, 34.6609,  
36.2254

 175.6940, 34.6609,  
36.2254


255.0000, 0.0000,  
0.0000

 147.8680, 34.0821,  
35.1958


 220.3670, 17.0741,  
30.3731


 121.0420, 33.5033,  
34.1662


 237.3900, 8.6817,  
15.4440

 95.2160, 32.9245,  
33.1366

254.4130, 0.2894,  
0.5148

 68.8030, 32.6351,  
32.6218

 39.8680, 34.0821,  
35.1958

 25.8360, 29.1679,  
24.6998

 16.8210, 21.7802,

14.1890

■ 4.9190, 16.3089,  
-4.3140

■ 2.2970, 6.2626,  
-2.0145

■ 175.6940, 34.6609,  
36.2254

■ 175.6940, 34.6609,  
36.2254

■ 158.9260, 42.9275,  
44.7919

■ 192.4620, 26.3942,  
27.6588

■ 142.7450, 50.9047,  
52.8436

■ 208.6430, 18.4170,  
19.6071

■ 126.2760, 59.0239,  
62.0249

■ 225.1120, 10.2978,  
10.4258

■ 110.0950, 67.0012,  
70.0767

■ 241.2930, 2.3206,  
2.3740

■ 93.3270, 75.2678,  
78.6432

■ 252.7780, -3.3416,  
-1.5593

■ 81.2660, 81.2139,  
84.8357

■ 253.9740, -3.9312,  
0.8998

# Harmonies

## Analogous

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



165.3930, 44.1763, -29.2857



175.6940, 34.6609, 36.2254



170.0890, 12.2811, 74.4669

# Triad

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



175.6940, 34.6609, 36.2254



165.5570, -54.9976, 46.8695



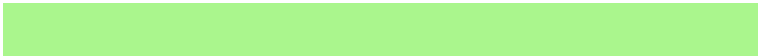
139.4820, 31.8074, -122.3257

# Complementary

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



175.6940, 34.6609, 36.2254



211.3060, -34.6609, -36.2254

# 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.



132.2830, 6.7625, -116.0122



175.6940, 34.6609, 36.2254



160.8740, -52.6889, 6.2495

# Square

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



175.6940, 34.6609, 36.2254



167.2830, -39.0865, 76.9278



152.2170, -29.6870, -44.9173



142.7200, 54.3680, -125.1654



# Rectangle

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



175.6940, 34.6609, 36.2254



163.9960, -3.4490, 79.8105



152.2170, -29.6870, -44.9173



137.3160, 23.5082, -120.4261

# Sweetspot

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



175.6940, 34.6609, 36.2254



232.9380, 10.8766, 11.4554



170.5800, 37.1821, -25.9417



113.8790, 6.9617, 7.1221



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.



175.6940, 34.6609, 36.2254



167.9260, 42.9275, 44.7919



181.7430, 20.3397, 56.3534



114.0590, 3.9149, 4.3333



61.5690, 61.3445, 64.3990



19.2840, 19.5800, 19.9219



# Inverse Universe

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



175.7010, -2.8106, 61.6522



167.9740, -3.4382, 76.3218



205.2570, -20.3397, -56.3534



114.0440, -0.0217, 6.9774



61.4280, -5.1410, 109.2496



19.4650, -1.7082, 34.6722



# Previews

## White Background



This preview shows how the YUV color 175.6940, 34.6609, 36.2254 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

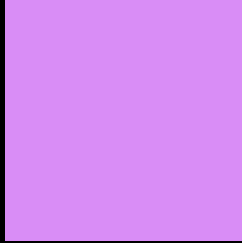
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 175.6940, 34.6609, 36.2254 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

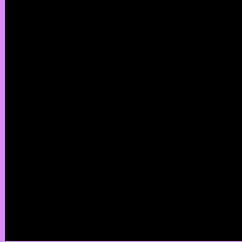
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 175.6940, 34.6609, 36.2254 Background



This preview shows how black text looks on a background with the YUV color 175.6940, 34.6609, 36.2254.



This preview shows how white text looks on a background with the YUV color 175.6940, 34.6609,

36.2254.

# 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

175.6940, 34.6609, 36.2254

### Protanopia

169.5460, 42.1288, -25.9118

### Deuteranopia

170.3310, 34.8398, -21.3383



## Tritanopia

173.7200, -1.8340, 28.3096

# Trichromacy



## Original Color

175.6940, 34.6609, 36.2254



## Protanomaly

171.7060, 39.5849, -3.2502



## Deuteranomaly

172.4630, 34.7747, -0.4061



## Tritanomaly

174.5860, 11.5431, 31.0581

# Monochromacy



## Original Color

175.6940, 34.6609, 36.2254



## Achromatopsia

176.0000, 0.0000, 0.0000



## Achromatomaly

175.7040, 12.4709, 13.4146

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 175.6940, 34.6609, 36.2254 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(217, 141, 246)` looks like.

```
.text, #text, p{  
    color:rgb(217, 141, 246)  
}
```

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(217, 141, 246) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 141, 246) }
```

## Border

The CSS property to change the border of an element to YUV 175.6940, 34.6609, 36.2254 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(217, 141, 246) }
```



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

```
.border{ border-color:rgb(217, 141, 246) }
```

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

Here you see how a box with a 4 pixel rgb(217, 141, 246) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 141, 246); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 141, 246);  
box-shadow:4px 4px 4px 4px rgb(217, 141,  
246) }
```

# Background

The CSS property to change the background color of an element to YUV 175.6940, 34.6609, 36.2254 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 141, 246) }
```

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

```
.background{ background-color: rgb(217,  
141, 246) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor