

# Converting Colors

YUV(157.8370, 21.2794,  
81.7040)

Have a look what the booklet for  
YUV(157.8370, 21.2794, 81.7040)  
contains.

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# Color

**YUV(157.8370, 21.2794,  
81.7040)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FB66C9
RGB	251, 102, 201
RGB Percent	98%, 40%, 79%
CMY	0.0157, 0.6000, 0.2118
CMYK	0.00, 0.59, 0.20, 0.02
HSL	320°, 95%, 69%
HSV	320°, 59%, 98%
XYZ	55.0776, 34.2290, 58.9623
YIQ	157.8370, 57.0250, 62.3770

# Conversions

## Conversions Part 2

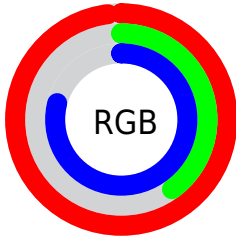
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	251, 102, 201
Decimal	16475849
CIE Lab	65.14, 67.09, -23.11
CIE LCh	65, 70.964, 340.991
Yxy	34.2290, 0.3715, 0.2309
Android (android.graphics.Color)	4294665929 (0xFFFB66C9)
YUV	157.8370, 21.2794, 81.7040
Hunter-Lab	58.5056, 65.6567, -18.7989

# Details

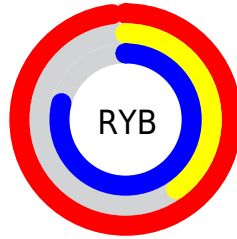
The YUV color **157.8370, 21.2794, 81.7040** is a light color, and the websafe version is hex **FF66CC**. A complement of this color would be **195.1630, -21.2794, -81.7040**, and the grayscale version is **158.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **198.6480, 27.7815, 49.4207**, and **96.7600, 24.7683, 82.6485** is the 20% darker color. If you saturate the color by 10%, you get **142.2500, 25.0197, 95.3738**, and if you desaturate by 10%, it is **173.4240, 17.5390, 68.0342**.

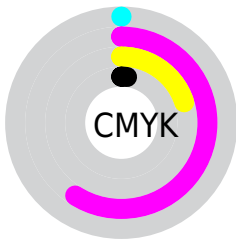
# Distribution



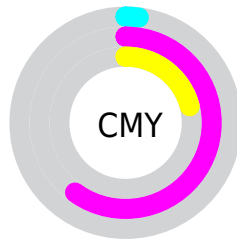
- Red (98%)
- Green (40%)
- Blue (79%)



- Red (98%)
- Yellow (40%)
- Blue (79%)



- Cyan (0%)
- Magenta (59%)
- Yellow (20%)
- Black (2%)



- Cyan (2%)
- Magenta (60%)
- Yellow (21%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 157.8370, 21.2794, 81.7040 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 157.8370, 21.2794, 81.7040 by changing the saturation by 10% instead.



157.8370, 21.2794,  
81.7040

157.8370, 21.2794,  
81.7040

255.0000, 0.0000,  
0.0000

128.1790, 22.5898,  
81.4040

198.6480, 27.7815,  
49.4207

96.7600, 24.7683,  
82.6485

215.6710, 19.3892,  
34.4915

62.2320, 28.9726,  
87.4965

233.2810, 10.7075,  
19.0476

50.7110, 22.3275,  
72.1675

250.8910, 2.0257,  
3.6036

39.6030, 15.9717,  
57.3532

28.6090, 10.0528,  
42.4389

18.1420, 4.8600,

27.9395

■ 2.3920, -1.1793,  
4.9182

■ 0.0000, 0.0000,  
0.0000

■ 157.8370, 21.2794,  
81.7040

■ 157.8370, 21.2794,  
81.7040

■ 142.2500, 25.0197,  
95.3738

■ 173.4240, 17.5390,  
68.0342

■ 126.5490, 28.3233,  
109.1435

■ 189.1250, 14.2354,  
54.2644

■ 110.9620, 32.0637,  
122.8133

■ 204.7120, 10.4950,  
40.5946

■ 95.2610, 35.3673,  
136.5831

■ 220.4130, 7.1914,  
26.8248

■ 94.0870, 35.9461,  
137.6127

■ 236.5870, 3.1616,  
12.6402

■ 252.2880, -0.1420,  
-1.1296

■ 253.8040, 0.5896,  
-2.4591

# Harmonies

## Analogous

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



162.1900, 45.7553, 24.3894



157.8370, 21.2794, 81.7040



146.4540, -4.6608, 95.1948

# Triad

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



157.8370, 21.2794, 81.7040



145.6140, -71.7877, 18.7555



135.9550, 51.2942, -119.2325

# Complementary

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



157.8370, 21.2794, 81.7040



195.1630, -21.2794, -81.7040

# 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.



130.8760, 24.2181, -114.7783



157.8370, 21.2794, 81.7040



138.5310, -42.6598, -37.2997

# Square

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



157.8370, 21.2794, 81.7040



150.6530, -63.9189, 61.6943



121.5910, -3.7424, -106.6353



132.3820, 60.4507, -116.0990



# Rectangle

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



157.8370, 21.2794, 81.7040



148.3510, -25.3160, 93.5312



121.5910, -3.7424, -106.6353



135.0770, 42.8530, -118.4625

# Sweetspot

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



157.8370, 21.2794, 81.7040



226.2880, 6.7600, 25.1804



133.9360, 57.7126, 15.8421



109.8370, 4.0244, 15.9290



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.



157.8370, 21.2794, 81.7040



141.7990, 25.7351, 99.2773



149.4010, -11.0437, 89.1023



116.9130, 2.0149, 7.0923



70.7610, 26.7398, 103.6956



22.9130, 8.9169, 33.4023



# Inverse Universe

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



157.8370, 21.2794, 81.7040



141.7990, 25.7351, 99.2773



203.5990, 11.0437, -89.1023



116.9130, 2.0149, 7.0923



70.7610, 26.7398, 103.6956



22.9130, 8.9169, 33.4023



# Previews

## White Background



This preview shows how the YUV color 157.8370, 21.2794, 81.7040 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

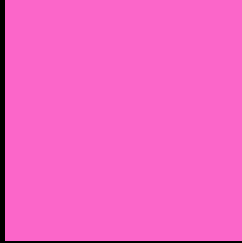
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 157.8370, 21.2794, 81.7040 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

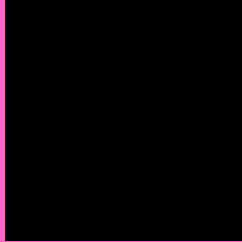
Any Text WCAG AA ✓ Pass

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 157.8370, 21.2794, 81.7040 Background



This preview shows how black text looks on a background with the YUV color 157.8370, 21.2794, 81.7040.



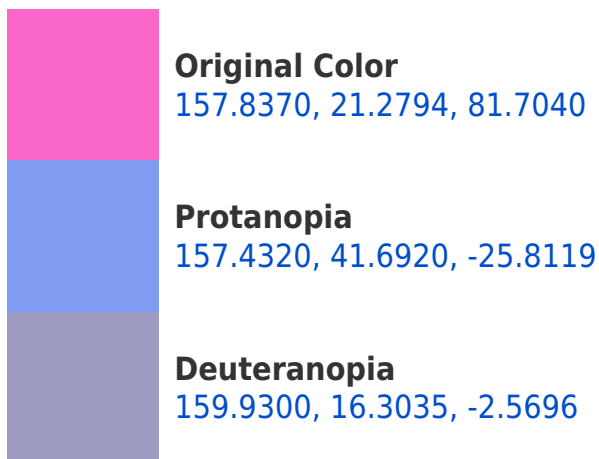
This preview shows how white text looks on a background with the YUV color 157.8370, 21.2794, 81.7040.



# 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





## Tritanopia

157.9880, -14.7841, 75.4325

# Trichromacy



## Original Color

157.8370, 21.2794, 81.7040



## Protanomaly

157.4370, 34.2946, 13.6488



## Deuteranomaly

159.2850, 18.1005, 27.8141



## Tritanomaly

157.8540, -1.4070, 78.1810

# Monochromacy



## Original Color

157.8370, 21.2794, 81.7040



## Achromatopsia

158.0000, 0.0000, 0.0000



## Achromatomaly

158.2500, 7.7648, 29.5987

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 157.8370, 21.2794, 81.7040 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(251, 102, 201)` looks like.

```
.text, #text, p{  
    color:rgb(251, 102, 201)  
}
```

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(251, 102, 201) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 102, 201) }
```

## Border

The CSS property to change the border of an element to YUV 157.8370, 21.2794, 81.7040 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(251, 102, 201) }
```



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

```
.border{ border-color:rgb(251, 102, 201) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 102, 201)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 102, 201); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 102, 201);  
box-shadow:4px 4px 4px 4px rgb(251, 102,  
201) }
```

# Background

The CSS property to change the background color of an element to YUV 157.8370, 21.2794, 81.7040 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 102, 201) }
```

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

```
.background{ background-color: rgb(251,  
102, 201) }
```

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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