

# Converting Colors

YUV(125.8400, 63.6759,  
63.2843)

Have a look what the booklet for  
YUV(125.8400, 63.6759, 63.2843)  
contains.

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# Color

**YUV(125.8400, 63.6759,  
63.2843)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C640FF
RGB	198, 64, 255
RGB Percent	78%, 25%, 100%
CMY	0.2235, 0.7490, 0.0000
CMYK	0.22, 0.75, 0.00, 0.00
HSL	282°, 100%, 63%
HSV	282°, 75%, 100%
XYZ	43.1721, 22.8926, 96.7510
YIQ	125.8400, 18.5530, 87.8090

# Conversions

## Conversions Part 2

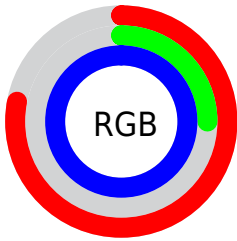
Format	Color
R <sub>YB</sub>	198, 64, 255
Decimal	12992767
CIE <sub>Lab</sub>	54.96, 78.48, -69.93
CIE <sub>LCh</sub>	55, 105.116, 318.297
Yxy	22.8926, 0.2652, 0.1406
Android (android.graphics.Color)	4291182847 (0xFFC640FF)
YUV	125.8400, 63.6759, 63.2843
Hunter-Lab	47.8462, 77.3316, -86.3996

# Details

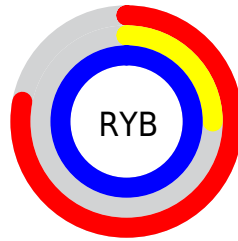
The YUV color **125.8400, 63.6759, 63.2843** is a light color, and the websafe version is hex **CC33FF**. The color can be described as light washed magenta. A complement of this color would be **193.1600, -63.6759, -63.2843**, and the grayscale version is **125.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **178.1030, 37.9102, 67.4387**, and **63.7200, 65.7070, 65.1436** is the 20% darker color. If you saturate the color by 10%, you get **108.1860, 72.3793, 71.7509**, and if you desaturate by 10%, it is **143.4940, 54.9725, 54.8178**.

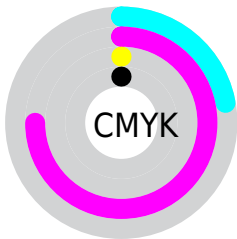
# Distribution



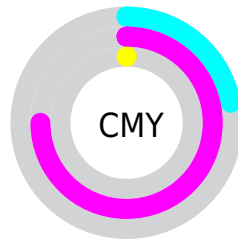
- Red (78%)
- Green (25%)
- Blue (100%)



- Red (78%)
- Yellow (25%)
- Blue (100%)



- Cyan (22%)
- Magenta (75%)
- Yellow (0%)
- Black (0%)




- Cyan (22%)
- Magenta (75%)
- Yellow (0%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 125.8400, 63.6759, 63.2843 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 125.8400, 63.6759, 63.2843 by changing the saturation by 10% instead.





 125.8400, 63.6759,  
63.2843


 125.8400, 63.6759,  
63.2843


255.0000, 0.0000,  
0.0000


 90.6710, 66.7172,  
67.8175


 178.1030, 37.9102,  
67.4387


 63.7200, 65.7070,  
65.1436


 195.1260, 29.5179,  
52.5095

 51.8570, 57.7515,  
50.1144


 212.7360, 20.8362,  
37.0655

 39.8090, 50.3802,  
34.3705

 229.7590, 12.4438,  
22.1364

 27.4620, 43.1562,  
18.0118

 247.3690, 3.7621,  
6.6924

 11.7550, 38.5748,  
-5.9241

 7.4100, 28.3919,

-6.4986

■ 6.5490, 17.4773,  
-5.7435

■ 2.8670, 8.4466,  
-2.5144

■ 125.8400, 63.6759,  
63.2843

■ 125.8400, 63.6759,  
63.2843

■ 108.1860, 72.3793,  
71.7509

■ 143.4940, 54.9725,  
54.8178

■ 91.4180, 80.6459,  
80.3174

■ 160.2620, 46.7058,  
46.2512

■ 82.5910, 84.9976,  
84.5507

■ 177.9160, 38.0024,  
37.7847

■ 194.6840, 29.7358,  
29.2181

■ 212.3380, 21.0324,  
20.7516

■ 229.4050, 12.6183,  
12.7998

■ 246.7600, 4.0623,  
3.7185

■ 255.0000, 0.0000,  
0.0000

# Harmonies

## Analogous

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



102.4450, 75.2096, -89.8443



125.8400, 63.6759, 63.2843



95.7390, 37.1037, 139.6719

# Triad

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



125.8400, 63.6759, 63.2843



124.0160, -61.1399, 56.9910



119.3470, 33.3529, -104.6673

# Complementary

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



125.8400, 63.6759, 63.2843



193.1600, -63.6759, -63.2843

# 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.



106.6420, -7.7115, -93.5250



125.8400, 63.6759, 63.2843



116.8200, -57.5923, -7.7351

# Square

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



125.8400, 63.6759, 63.2843



107.3230, -52.9102, 124.2507



92.7460, -45.7238, -81.3382



125.9250, 63.6340, -110.4362



# Rectangle

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



125.8400, 63.6759, 63.2843



88.8990, 10.8958, 145.6706



92.7460, -45.7238, -81.3382



115.2260, 20.1016, -101.0532

# Sweetspot

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



125.8400, 63.6759, 63.2843



217.0450, 18.7118, 18.3775



119.2330, 66.9331, -48.4393



105.0520, 11.3134, 11.3554



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.



125.8400, 63.6759, 63.2843



99.6580, 76.5836, 76.5989



138.5510, 38.6754, 102.1258



119.1730, 4.3517, 4.2333



61.8400, 63.6759, 63.2843



20.7510, 21.3218, 21.2664



# Inverse Universe

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



127.6070, -3.2573, 111.7237



101.6360, -3.7645, 134.5002



180.4490, -38.6754, -102.1258



119.3430, -0.1691, 7.5922



63.6070, -3.2573, 111.7237

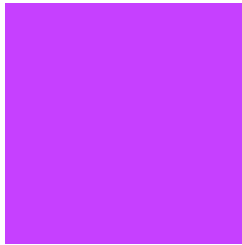


21.3020, -1.1349, 37.4461



# Previews

## White Background



This preview shows how the YUV color 125.8400, 63.6759, 63.2843 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

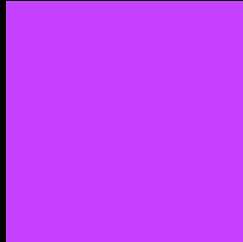
Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail



# Black Background



This preview shows how the YUV color 125.8400, 63.6759, 63.2843 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

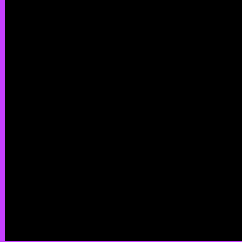
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YUV 125.8400, 63.6759, 63.2843

## Background



This preview shows how black text looks on a background with the YUV color 125.8400, 63.6759, 63.2843.



This preview shows how white text looks on a background with the YUV color 125.8400, 63.6759, 63.2843.



# 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

125.8400, 63.6759, 63.2843

### Protanopia

120.0530, 66.5289, -58.8055

### Deuteranopia

105.6760, 64.7427, -92.6779



## Tritanopia

133.1620, -5.5029, 38.4459

# Trichromacy



## Original Color

125.8400, 63.6759, 63.2843



## Protanomaly

122.3990, 65.3723, -14.3819



## Deuteranomaly

113.3270, 64.4218, -36.2438



## Tritanomaly

130.4600, 19.4932, 47.8316

# Monochromacy



## Original Color

125.8400, 63.6759, 63.2843



## Achromatopsia

126.0000, 0.0000, 0.0000



## Achromatomaly

125.6310, 23.3529, 23.1256

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 125.8400, 63.6759, 63.2843 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(198, 64, 255)` looks like.

```
.text, #text, p{  
    color:rgb(198, 64, 255)  
}
```

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(198, 64, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 64, 255) }
```

## Border

The CSS property to change the border of an element to YUV 125.8400, 63.6759, 63.2843 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(198, 64, 255) }
```



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

```
.border{ border-color:rgb(198, 64, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 64, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 64, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 64, 255);  
box-shadow:4px 4px 4px 4px rgb(198, 64,  
255) }
```

# Background

The CSS property to change the background color of an element to YUV 125.8400, 63.6759, 63.2843 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 64, 255) }
```

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

```
.background{ background-color: rgb(198, 64,  
255) }
```

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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