

# Converting Colors

YUV(159.7310, 1.6116, 43.2089)

Have a look what the booklet for  
YUV(159.7310, 1.6116, 43.2089)  
contains.

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# Color

**YUV(159.7310, 1.6116,  
43.2089)**

# Conversions

## Conversions Part 1

Format	Color
Hex	D186A3
RGB	209, 134, 163
RGB Percent	82%, 53%, 64%
CMY	0.1804, 0.4745, 0.3608
CMYK	0.00, 0.36, 0.22, 0.18
HSL	337°, 45%, 67%
HSV	337°, 36%, 82%
XYZ	41.4305, 33.2498, 38.8846
YIQ	159.7310, 35.3910, 24.9190

# Conversions

## Conversions Part 2

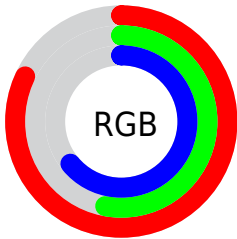
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	209, 134, 163
Decimal	13731491
CIE <sub>Lab</sub>	64.36, 32.72, -3.34
CIE <sub>LCh</sub>	64, 32.888, 354.172
Yxy	33.2498, 0.3648, 0.2928
Android (android.graphics.Color)	4291921571 (0xFFD186A3)
YUV	159.7310, 1.6116, 43.2089
Hunter-Lab	57.6627, 27.3420, 0.3819

# Details

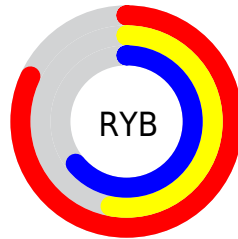
The YUV color **159.7310, 1.6116, 43.2089** is a light color, and the websafe version is hex **CC6699**. A complement of this color would be **183.2690, -1.6116, -43.2089**, and the grayscale version is **160.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **211.4530, 3.2277, 38.1907**, and **107.1220, 1.9119, 40.2350** is the 20% darker color. If you saturate the color by 10%, you get **145.9220, 2.0105, 55.3194**, and if you desaturate by 10%, it is **173.5400, 1.2128, 31.0984**.

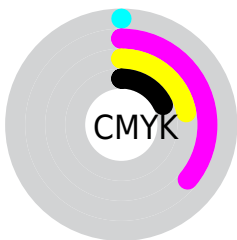
# Distribution



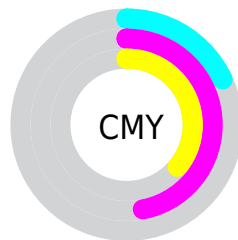
- Red (82%)
- Green (53%)
- Blue (64%)



- Red (82%)
- Yellow (53%)
- Blue (64%)



- Cyan (0%)
- Magenta (36%)
- Yellow (22%)
- Black (18%)




- Cyan (18%)
- Magenta (47%)
- Yellow (36%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 159.7310, 1.6116, 43.2089 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 159.7310, 1.6116, 43.2089 by changing the saturation by 10% instead.




 159.7310, 1.6116,  
43.2089


 159.7310, 1.6116,  
43.2089


255.0000, 0.0000,  
0.0000


 133.1330, 1.9064,  
41.9794


 211.4530, 3.2277,  
38.1907


 107.1220, 1.9119,  
40.2350


 231.0810, 7.3551,  
20.9770

 81.6380, 2.6435,  
38.9055

 249.1300, 2.8939,  
5.1480

 57.1540, 3.3751,  
37.5759

 31.6100, 5.1223,  
37.1760

 17.4580, 2.2392,  
28.5393

 5.6810, -2.8007,

11.6808

■ 0.0000, 0.0000,  
0.0000

■ 159.7310, 1.6116,  
43.2089

■ 159.7310, 1.6116,  
43.2089

■ 145.9220, 2.0105,  
55.3194

■ 173.5400, 1.2128,  
31.0984

■ 132.1130, 2.4093,  
67.4299

■ 187.3490, 0.8139,  
18.9879

■ 118.4180, 3.2449,  
79.4404

■ 201.0440, -0.0217,  
6.9774

■ 104.6090, 3.6438,  
91.5509

■ 214.8530, -0.4205,  
-5.1331

■ 91.3870, 3.7532,  
103.1466

■ 228.6620, -0.8194,  
-17.2436

■ 77.5780, 4.1520,  
115.2571

■ 239.5360, 0.2288,  
-26.7801

■ 71.7250, 4.5726,  
120.3902

■ 241.0180, 5.9071,  
-28.0798

■ 241.2460, 6.7807,  
-28.2797

# Harmonies

## Analogous

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



160.1660, 15.2012, 24.4104



159.7310, 1.6116, 43.2089



158.3930, -12.5187, 48.7673

# Triad

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



159.7310, 1.6116, 43.2089



151.8710, -24.5864, -0.7639



139.6980, 31.2079, -69.8951

# Complementary

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



159.7310, 1.6116, 43.2089



183.2690, -1.6116, -43.2089

# 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.



136.0210, 21.1886, -76.3174



159.7310, 1.6116, 43.2089



147.3930, -13.0117, -26.6547

# Square

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



159.7310, 1.6116, 43.2089



154.5150, -27.8619, 23.2273



142.1690, 3.3677, -53.6452



150.5970, 31.2577, -39.1116



# Rectangle

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



159.7310, 1.6116, 43.2089



157.0090, -20.2174, 44.7191



142.1690, 3.3677, -53.6452



137.0840, 29.0456, -76.3727

# Sweetspot

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



159.7310, 1.6116, 43.2089



236.6260, 0.6774, 16.1140



156.0050, 26.1265, 20.1666



116.7670, 0.1149, 9.8513



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.



159.7310, 1.6116, 43.2089



182.7920, 2.5675, 63.3264



161.1210, -13.3707, 41.9899



97.7450, 0.1257, 6.3626



57.6420, 3.6275, 96.7840



14.0830, 0.9451, 23.6062



# Inverse Universe

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



159.7310, 1.6116, 43.2089



182.7920, 2.5675, 63.3264



181.8790, 13.3707, -41.9899



97.7450, 0.1257, 6.3626



57.6420, 3.6275, 96.7840



14.0830, 0.9451, 23.6062



# Previews

## White Background



This preview shows how the YUV color 159.7310, 1.6116, 43.2089 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

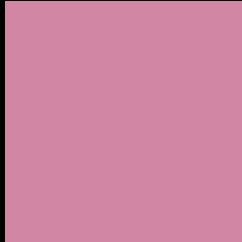
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 159.7310, 1.6116, 43.2089 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

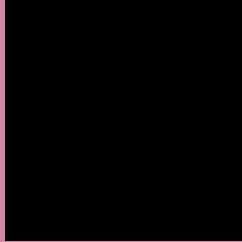
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 159.7310, 1.6116, 43.2089

## Background



This preview shows how black text looks on a background with the YUV color 159.7310, 1.6116, 43.2089.



This preview shows how white text looks on a background with the YUV color 159.7310, 1.6116,



# 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

159.7310, 1.6116, 43.2089

### Protanopia

156.7960, 9.4676, -3.3291

### Deuteranopia

158.2940, 0.8411, 10.2662



## Tritanopia

159.0700, -5.9505, 42.0346

# Trichromacy



## Original Color

159.7310, 1.6116, 43.2089

## Protanomaly

157.5100, 6.6506, 13.5847

## Deuteranomaly

158.4850, 1.2399, 22.3767

## Tritanomaly

159.4660, -3.1877, 42.5643

# Monochromacy



## Original Color

159.7310, 1.6116, 43.2089

## Achromatopsia

160.0000, 0.0000, 0.0000

## Achromatomaly

160.2130, 0.3880, 15.5992

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 159.7310, 1.6116, 43.2089 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(209, 134, 163)` looks like.

```
.text, #text, p{  
    color:rgb(209, 134, 163)  
}
```

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(209, 134, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 134, 163) }
```

## Border

The CSS property to change the border of an element to YUV 159.7310, 1.6116, 43.2089 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(209, 134, 163) }
```



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

```
.border{ border-color:rgb(209, 134, 163) }
```

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

Here you see how a box with a 4 pixel rgb(209, 134, 163) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 134, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 134, 163);  
box-shadow:4px 4px 4px 4px rgb(209, 134,  
163) }
```

# Background

The CSS property to change the background color of an element to YUV 159.7310, 1.6116, 43.2089 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 134, 163) }
```

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

```
.background{ background-color: rgb(209,  
134, 163) }
```

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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