

# Converting Colors

YUV(135.8400, 19.7989,  
43.1133)

Have a look what the booklet for  
YUV(135.8400, 19.7989, 43.1133)  
contains.

<b>YUV(135.8400, 19.7989, 43.1133)</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(135.8400, 19.7989,  
43.1133)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	<a href="#">B967B0</a>
RGB	<a href="#">185, 103, 176</a>
RGB Percent	<a href="#">73%, 40%, 69%</a>
CMY	<a href="#">0.2745, 0.5961, 0.3098</a>
CMYK	<a href="#">0.00, 0.44, 0.05, 0.27</a>
HSL	<a href="#">307°, 37%, 56%</a>
HSV	<a href="#">307°, 44%, 73%</a>
XYZ	<a href="#">32.6943, 23.1494, 43.8194</a>
YIQ	<a href="#">135.8400, 25.4390, 40.0870</a>

# Conversions

## Conversions Part 2

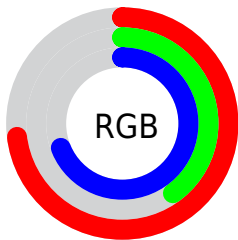
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	185, 103, 176
Decimal	12150704
CIE <sub>Lab</sub>	55.23, 43.33, -24.86
CIE <sub>LCh</sub>	55, 49.950, 330.155
Yxy	23.1494, 0.3280, 0.2323
Android (android.graphics.Color)	4290340784 (0xFFB967B0)
YUV	135.8400, 19.7989, 43.1133
Hunter-Lab	48.1138, 37.0952, -20.3184

# Details

The YUV color **135.8400, 19.7989, 43.1133** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **152.1600, -19.7989, -43.1133**, and the grayscale version is **136.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **190.6770, 20.3722, 45.8873**, and **83.4160, 19.5149, 40.8542** is the 20% darker color. If you saturate the color by 10%, you get **125.0460, 24.1343, 52.5797**, and if you desaturate by 10%, it is **147.2210, 15.1740, 33.1322**.

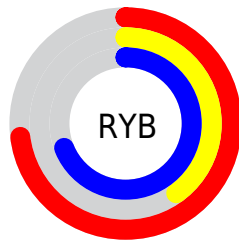
# Distribution



Red (73%)

Green (40%)

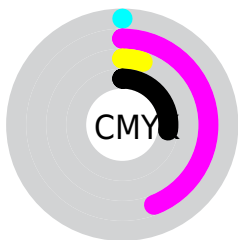
Blue (69%)



Red (73%)

Yellow (40%)

Blue (69%)

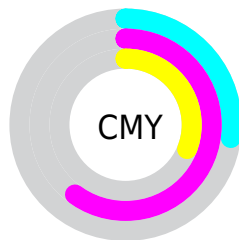


Cyan (0%)

Magenta (44%)

Yellow (5%)

Black (27%)



Cyan (27%)

Magenta (60%)

Yellow (31%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 135.8400, 19.7989, 43.1133 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 135.8400, 19.7989, 43.1133 by changing the saturation by 10% instead.




 135.8400, 19.7989,  
43.1133


 135.8400, 19.7989,  
43.1133


255.0000, 0.0000,  
0.0000


 109.1280, 19.6569,  
41.9837


 190.6770, 20.3722,  
45.8873


 83.4160, 19.5149,  
40.8542


 213.3230, 20.5468,  
36.5507


 56.9430, 20.2411,  
41.2690

 229.7590, 12.4438,  
22.1364

 31.7580, 20.8253,  
40.5542

 246.7820, 4.0515,  
7.2072

 21.6610, 14.4641,  
27.4843

 12.0910, 8.8291,  
14.8292

 0.0000, 0.0000,

0.0000

■ 135.8400, 19.7989,  
43.1133

■ 135.8400, 19.7989,  
43.1133

■ 125.0460, 24.1343,  
52.5797

■ 147.2210, 15.1740,  
33.1322

■ 113.6650, 28.7592,  
62.5608

■ 158.0150, 10.8386,  
23.6658

■ 102.8710, 33.0946,  
72.0271

■ 169.3960, 6.2138,  
13.6847

■ 91.4900, 37.7194,  
82.0083

■ 180.1900, 1.8783,  
4.2184

■ 80.1090, 42.3443,  
91.9894

■ 191.5710, -2.7465,  
-5.7628

■ 74.1250, 44.8014,  
97.2374

■ 202.3650, -7.0819,  
-15.2291

■ 213.7460,  
-11.7068, -25.2102

■ 224.5400,  
-16.0422, -34.6766

■ 227.1160,  
-16.3262, -36.9357

# Harmonies

## Analogous

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



134.3920, 35.7957, -1.2208



135.8400, 19.7989, 43.1133



132.3580, 0.8095, 67.2150

# Triad

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



135.8400, 19.7989, 43.1133



127.1010, -43.4338, 24.4674



109.6470, 31.7260, -96.1604

# Complementary

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



135.8400, 19.7989, 43.1133



152.1600, -19.7989, -43.1133

# 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.



104.7450, 12.9437, -91.8614



135.8400, 19.7989, 43.1133



122.7700, -34.8896, -9.4453

# Square

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



135.8400, 19.7989, 43.1133



129.9270, -35.9530, 51.8070



112.9180, -12.7776, -55.1791



110.4740, 47.5873, -96.8857



# Rectangle

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



135.8400, 19.7989, 43.1133



131.1230, -12.8786, 70.9291



112.9180, -12.7776, -55.1791



108.1650, 26.0477, -94.8607

# Sweetspot

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



135.8400, 19.7989, 43.1133



221.3470, 7.2239, 16.3587



114.7400, 34.6382, -3.2800



108.6190, 4.6248, 9.9811



247.0000, 0.0000, 0.0000



120.0000, 0.0000, 0.0000



# Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



135.8400, 19.7989, 43.1133



163.8550, 30.6375, 66.7792



131.2800, 2.3270, 47.1124



86.6030, 2.1677, 4.7332



62.3760, 37.2826, 82.1082



11.2220, 6.7926, 14.7143



# Inverse Universe

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



135.8400, 19.7989, 43.1133



163.8550, 30.6375, 66.7792



156.7200, -2.3270, -47.1124



86.6030, 2.1677, 4.7332



62.3760, 37.2826, 82.1082



11.2220, 6.7926, 14.7143



# Previews

## White Background



This preview shows how the YUV color 135.8400, 19.7989, 43.1133 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

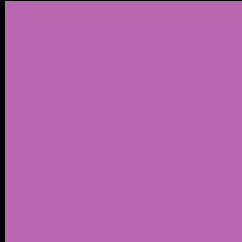
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 135.8400, 19.7989, 43.1133 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

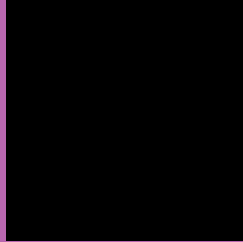
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YUV 135.8400, 19.7989, 43.1133

## Background



This preview shows how black text looks on a background with the YUV color 135.8400, 19.7989, 43.1133.



This preview shows how white text looks on a background with the YUV color 135.8400, 19.7989,



# 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

135.8400, 19.7989, 43.1133

### Protanopia

131.6580, 32.2136, -18.9941

### Deuteranopia

133.1790, 18.6458, -7.1730



## Tritanopia

135.0480, -5.9397, 38.5459

# Trichromacy



## Original Color

135.8400, 19.7989, 43.1133

## Protanomaly

132.9490, 27.6331, 3.5527

## Deuteranomaly

134.1150, 19.1703, 11.3001

## Tritanomaly

135.4640, 3.2222, 39.9351

# Monochromacy



## Original Color

135.8400, 19.7989, 43.1133

## Achromatopsia

136.0000, 0.0000, 0.0000

## Achromatomaly

136.0480, 7.3713, 15.7439

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 135.8400, 19.7989, 43.1133 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(185, 103, 176)` looks like.

```
.text, #text, p{  
    color:rgb(185, 103, 176)  
}
```

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(185, 103, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 103, 176) }
```

## Border

The CSS property to change the border of an element to YUV 135.8400, 19.7989, 43.1133 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(185, 103, 176) }
```



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

```
.border{ border-color:rgb(185, 103, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 103, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 103, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 103, 176);  
box-shadow:4px 4px 4px 4px rgb(185, 103,  
176) }
```

# Background

The CSS property to change the background color of an element to YUV 135.8400, 19.7989, 43.1133 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 103, 176) }
```

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

```
.background{ background-color: rgb(185,  
103, 176) }
```

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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