

# Converting Colors

YUV(135.8460, 0.5689, 51.0011)

Have a look what the booklet for  
YUV(135.8460, 0.5689, 51.0011)  
contains.

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# Color

**YUV(135.8460, 0.5689,  
51.0011)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	C26A89
RGB	194, 106, 137
RGB Percent	76%, 42%, 54%
CMY	0.2392, 0.5843, 0.4627
CMYK	0.00, 0.45, 0.29, 0.24
HSL	339°, 42%, 59%
HSV	339°, 45%, 76%
XYZ	31.9175, 23.5835, 26.5368
YIQ	135.8460, 42.4970, 28.2970

# Conversions

## Conversions Part 2

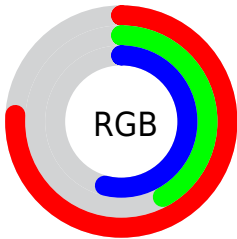
<b>Format</b>	<b>Color</b>
<b>RYB</b>	194, 106, 137
Decimal	12741257
CIELab	55.67, 38.62, -1.36
CIELCh	56, 38.645, 357.981
Yxy	23.5835, 0.3891, 0.2875
Android (android.graphics.Color)	4290931337 (0xFFC26A89)
YUV	135.8460, 0.5689, 51.0011
Hunter-Lab	48.5629, 32.3325, 1.5955

# Details

The YUV color **135.8460, 0.5689, 51.0011** is a dark color, and the websafe version is hex **CC6699**. A complement of this color would be **164.1540, -0.5689, -51.0011**, and the grayscale version is **136.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **190.3410, -0.1681, 54.0749**, and **83.4650, 1.7428, 47.8272** is the 20% darker color. If you saturate the color by 10%, you get **123.2110, 0.3890, 62.0820**, and if you desaturate by 10%, it is **148.4810, 0.7489, 39.9202**.

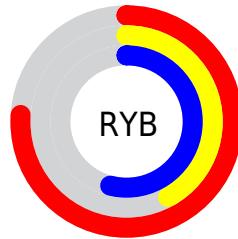
# Distribution



Red (76%)

Green (42%)

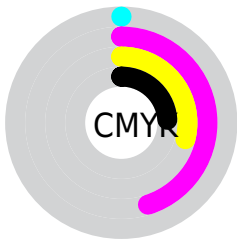
Blue (54%)



Red (76%)

Yellow (42%)

Blue (54%)

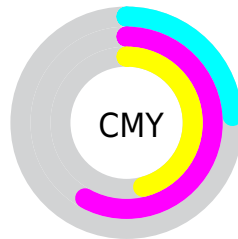


Cyan (0%)

Magenta (45%)

Yellow (29%)

Black (24%)



Cyan (24%)

Magenta (58%)

Yellow (46%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 135.8460, 0.5689, 51.0011 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 135.8460, 0.5689, 51.0011 by changing the saturation by 10% instead.




 135.8460, 0.5689,  
51.0011

 135.8460, 0.5689,  
51.0011

255.0000, 0.0000,  
0.0000

 109.3620, 1.3005,  
49.6715

 190.3410, -0.1681,  
54.0749

 83.4650, 1.7428,  
47.8272

 210.8660, 3.5171,  
38.7055


 57.5080, 3.2006,  
46.9125

 230.6080, 8.0813,  
21.3918

 29.9040, 5.9633,  
47.4422

 248.5430, 3.1833,  
5.6628

 20.1490, 0.9125,  
34.0723

 10.2800, -4.5750,  
20.8024

 0.0000, 0.0000,

0.0000

■ 135.8460, 0.5689,  
51.0011

■ 135.8460, 0.5689,  
51.0011

■ 123.2110, 0.3890,  
62.0820

■ 148.4810, 0.7489,  
39.9202

■ 110.1030, 0.9352,  
73.5777

■ 161.5890, 0.2026,  
28.4244

■ 97.4680, 0.7553,  
84.6586

■ 174.2240, 0.3826,  
17.3436

■ 84.3600, 1.3015,  
96.1543

■ 187.3320, -0.1637,  
5.8478

■ 71.7250, 1.1216,  
107.2352

■ 199.9670, 0.0163,  
-5.2331

■ 65.7580, 1.1053,  
112.4682

■ 212.4880, -0.2406,  
-16.2140

■ 225.7100, -0.3500,  
-27.8097

■ 234.8230, 1.5663,  
-35.8018

■ 236.1910, 6.8078,  
-37.0015

# Harmonies

## Analogous

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



137.3240, 15.6163, 31.2879



135.8460, 0.5689, 51.0011



134.4430, -15.0084, 53.9855

# Triad

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



135.8460, 0.5689, 51.0011



127.4530, -27.3383, -4.7823



107.2480, 40.3037, -94.0565

# Complementary

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



135.8460, 0.5689, 51.0011



164.1540, -0.5689, -51.0011

# 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.



106.7460, 28.2262, -93.6162



135.8460, 0.5689, 51.0011



121.5660, -12.1110, -35.5764

# Square

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



135.8460, 0.5689, 51.0011



130.9510, -32.5138, 21.9680



103.1690, 13.2277, -89.6022



125.3340, 36.8103, -46.7739



# Rectangle

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



135.8460, 0.5689, 51.0011



133.4070, -23.8647, 47.8781



103.1690, 13.2277, -89.6022



107.6240, 36.6674, -94.3862

# Sweetspot

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



135.8460, 0.5689, 51.0011



228.9470, 0.5191, 20.2175



132.7760, 30.1834, 25.6294



113.3760, -0.1854, 12.8252



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.



135.8460, 0.5689, 51.0011



162.1360, 0.9190, 78.8107



139.3560, -16.4445, 47.9228



90.4460, 0.2731, 5.7479



54.6370, 1.1650, 93.2804



11.2350, 0.3771, 19.0879



# Inverse Universe

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



135.8460, 0.5689, 51.0011



162.1360, 0.9190, 78.8107



160.6440, 16.4445, -47.9228



90.4460, 0.2731, 5.7479



54.6370, 1.1650, 93.2804

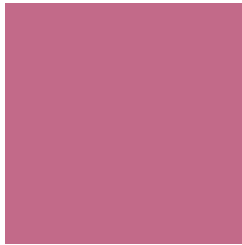


11.2350, 0.3771, 19.0879



# Previews

## White Background



This preview shows how the YUV color 135.8460, 0.5689, 51.0011 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

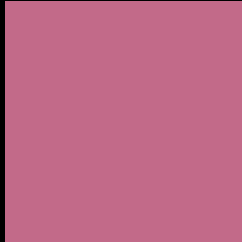
Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail



# Black Background



This preview shows how the YUV color 135.8460, 0.5689, 51.0011 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

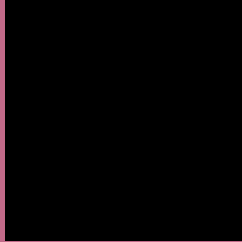
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YUV 135.8460, 0.5689, 51.0011

## Background



This preview shows how black text looks on a background with the YUV color 135.8460, 0.5689, 51.0011.



This preview shows how white text looks on a background with the YUV color 135.8460, 0.5689,



# 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

135.8460, 0.5689, 51.0011

### Protanopia

134.3830, 9.1782, -3.8439

### Deuteranopia

135.4250, -1.1955, 10.1513



## Tritanopia

135.4300, -8.5930, 49.6119

# Trichromacy



## Original Color

135.8460, 0.5689, 51.0011

## Protanomaly

134.7060, 6.0609, 16.0438

## Deuteranomaly

135.3390, -0.6601, 25.1357

## Tritanomaly

135.9400, -5.3934, 50.0416

# Monochromacy



## Original Color

135.8460, 0.5689, 51.0011

## Achromatopsia

136.0000, 0.0000, 0.0000

## Achromatomaly

135.8220, 0.0878, 18.5731

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 135.8460, 0.5689, 51.0011 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(194, 106, 137)` looks like.

```
.text, #text, p{  
    color:rgb(194, 106, 137)  
}
```

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(194, 106, 137) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 106, 137) }
```

## Border

The CSS property to change the border of an element to YUV 135.8460, 0.5689, 51.0011 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(194, 106, 137) }
```



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

```
.border{ border-color:rgb(194, 106, 137) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 106, 137)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 106, 137); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 106, 137);  
box-shadow:4px 4px 4px 4px rgb(194, 106,  
137) }
```

# Background

The CSS property to change the background color of an element to YUV 135.8460, 0.5689, 51.0011 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 106, 137) }
```

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

```
.background{ background-color: rgb(194,  
106, 137) }
```

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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