

# Converting Colors

YUV(135.7150, 19.3675,  
41.4689)

Have a look what the booklet for  
YUV(135.7150, 19.3675, 41.4689)  
contains.

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# Color

**YUV(135.7150, 19.3675,  
41.4689)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B768AF
RGB	183, 104, 175
RGB Percent	72%, 41%, 69%
CMY	0.2824, 0.5922, 0.3137
CMYK	0.00, 0.43, 0.04, 0.28
HSL	306°, 35%, 56%
HSV	306°, 43%, 72%
XYZ	32.2166, 23.0631, 43.3111
YIQ	135.7150, 24.2930, 38.8290

# Conversions

## Conversions Part 2

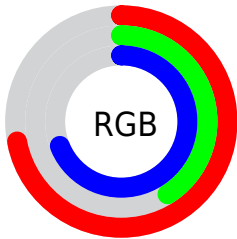
<b>Format</b>	<b>Color</b>
<a href="#">RYB</a>	<a href="#">183, 104, 175</a>
Decimal	<a href="#">12019887</a>
CIELab	<a href="#">55.14, 41.99, -24.44</a>
CIELCh	<a href="#">55, 48.586, 329.803</a>
Yxy	<a href="#">23.0631, 0.3268, 0.2339</a>
Android (android.graphics.Color)	<a href="#">4290209967 (0xFFB768AF)</a>
YUV	<a href="#">135.7150, 19.3675, 41.4689</a>
Hunter-Lab	<a href="#">48.0240, 35.7036, -19.8546</a>

# Details

The YUV color **135.7150, 19.3675, 41.4689** is a light color, and the websafe version is hex **996699**. A complement of this color would be **151.2850, -19.3675, -41.4689**, and the grayscale version is **136.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **190.2530, 20.0883, 43.6281**, and **83.2910, 19.0835, 39.2098** is the 20% darker color. If you saturate the color by 10%, you get **124.9210, 23.7029, 50.9353**, and if you desaturate by 10%, it is **146.5090, 15.0321, 32.0026**.

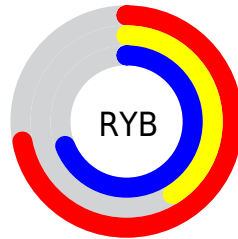
# Distribution



Red (72%)

Green (41%)

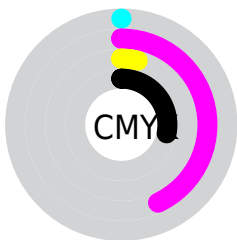
Blue (69%)



Red (72%)

Yellow (41%)

Blue (69%)

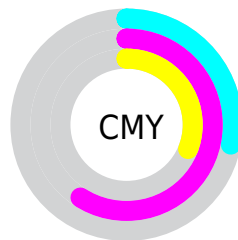


Cyan (0%)

Magenta (43%)

Yellow (4%)

Black (28%)



Cyan (28%)

Magenta (59%)


Yellow (31%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 135.7150, 19.3675, 41.4689 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 135.7150, 19.3675, 41.4689 by changing the saturation by 10% instead.





 135.7150, 19.3675,  
41.4689


 135.7150, 19.3675,  
41.4689


255.0000, 0.0000,  
0.0000


 109.0030, 19.2255,  
40.3394


 190.2530, 20.0883,  
43.6281

 83.2910, 19.0835,  
39.2098


 213.9100, 20.2574,  
36.0359

 57.4050, 19.5203,  
39.1098

 230.3460, 12.1544,  
21.6216

 31.0460, 20.6833,  
39.4247

 247.3690, 3.7621,  
6.6924

 21.2480, 14.1747,  
26.9695

 11.3790, 8.6872,  
13.6996

 0.0000, 0.0000,

0.0000

■ 135.7150, 19.3675,  
41.4689

■ 135.7150, 19.3675,  
41.4689

■ 124.9210, 23.7029,  
50.9353

■ 146.5090, 15.0321,  
32.0026

■ 113.5400, 28.3278,  
60.9164

■ 157.8900, 10.4072,  
22.0215

■ 102.7460, 32.6632,  
70.3828

■ 168.6840, 6.0718,  
12.5551

■ 92.0660, 37.4355,  
79.7491

■ 179.3640, 1.2995,  
3.1888

■ 80.6850, 42.0603,  
89.7303

■ 190.1580, -3.0359,  
-6.2776

■ 73.4130, 44.6594,  
96.1078

■ 201.5390, -7.6607,  
-16.2587

■ 212.3330,  
-11.9962, -25.7250

■ 223.1270,  
-16.3316, -35.1914

■ 226.2900,  
-16.9050, -37.9653

# Harmonies

## Analogous

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



134.1640, 34.9221, -1.0208



135.7150, 19.3675, 41.4689



132.3470, 0.8149, 65.4707

# Triad

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



135.7150, 19.3675, 41.4689



127.4430, -42.1234, 24.1675



108.9460, 31.5786, -95.5456

# Complementary

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



135.7150, 19.3675, 41.4689



151.2850, -19.3675, -41.4689

# 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.



104.6310, 12.5069, -91.7614



135.7150, 19.3675, 41.4689



123.2970, -34.1634, -9.0305

# Square

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



135.7150, 19.3675, 41.4689



129.8560, -34.9320, 50.9923



113.9400, -12.7884, -51.6904



109.5450, 46.5663, -96.0710



# Rectangle

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



135.7150, 19.3675, 41.4689



131.2260, -12.4364, 69.0848



113.9400, -12.7884, -51.6904



107.9370, 25.1741, -94.6607

# Sweetspot

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



135.7150, 19.3675, 41.4689



218.4610, 7.6607, 16.2587



115.3980, 33.3278, -2.9800



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.



135.7150, 19.3675, 41.4689



163.4310, 30.3535, 64.5200



131.2690, 2.3324, 45.3681



86.6030, 2.1677, 4.7332



62.6040, 38.1562, 81.9083



11.2220, 6.7926, 14.7143



# Inverse Universe

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



135.7150, 19.3675, 41.4689



163.4310, 30.3535, 64.5200



155.7310, -2.3324, -45.3681



86.6030, 2.1677, 4.7332



62.6040, 38.1562, 81.9083



11.2220, 6.7926, 14.7143



# Previews

## White Background



This preview shows how the YUV color 135.7150, 19.3675, 41.4689 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

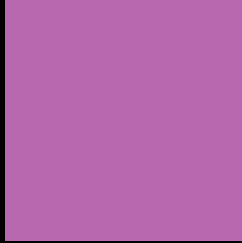
Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail



# Black Background



This preview shows how the YUV color 135.7150, 19.3675, 41.4689 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

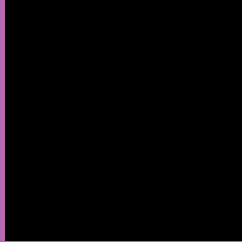
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YUV 135.7150, 19.3675, 41.4689

## Background



This preview shows how black text looks on a background with the YUV color 135.7150, 19.3675, 41.4689.



This preview shows how white text looks on a background with the YUV color 135.7150, 19.3675,

41.4689.

# 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

135.7150, 19.3675, 41.4689

### Protanopia

131.7290, 31.1926, -18.1793

### Deuteranopia

133.0650, 18.2090, -7.0730



## Tritanopia

134.5640, -5.2081, 37.2164

# Trichromacy



## Original Color

135.7150, 19.3675, 41.4689

## Protanomaly

133.4220, 26.9070, 3.1379

## Deuteranomaly

134.2890, 18.5915, 10.2705

## Tritanomaly

134.9800, 3.9539, 38.6055

# Monochromacy



## Original Color

135.7150, 19.3675, 41.4689

## Achromatopsia

136.0000, 0.0000, 0.0000

## Achromatomaly

135.6350, 7.0819, 15.2291

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 135.7150, 19.3675, 41.4689 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(183, 104, 175)` looks like.

```
.text, #text, p{  
    color:rgb(183, 104, 175)  
}
```

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(183, 104, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 104, 175) }
```

## Border

The CSS property to change the border of an element to YUV 135.7150, 19.3675, 41.4689 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(183, 104, 175) }
```



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

```
.border{ border-color:rgb(183, 104, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 104, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 104, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 104, 175);  
box-shadow:4px 4px 4px 4px rgb(183, 104,  
175) }
```

# Background

The CSS property to change the background color of an element to YUV 135.7150, 19.3675, 41.4689 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 104, 175) }
```

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

```
.background{ background-color: rgb(183,  
104, 175) }
```

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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