

# Converting Colors

YUV(129.9870, 20.2194,  
48.2464)

Have a look what the booklet for  
YUV(129.9870, 20.2194, 48.2464)  
contains.

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# Color

**YUV(129.9870, 20.2194,  
48.2464)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	<a href="#">B95EAB</a>
RGB	<a href="#">185, 94, 171</a>
RGB Percent	<a href="#">73%, 37%, 67%</a>
CMY	<a href="#">0.2745, 0.6314, 0.3294</a>
CMYK	<a href="#">0.00, 0.49, 0.08, 0.27</a>
HSL	<a href="#">309°, 39%, 55%</a>
HSV	<a href="#">309°, 49%, 73%</a>
XYZ	<a href="#">31.3610, 21.2600, 40.9788</a>
YIQ	<a href="#">129.9870, 29.5190, 43.2390</a>

# Conversions

## Conversions Part 2

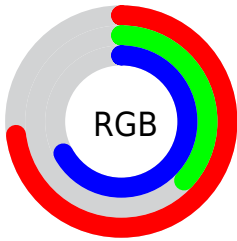
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	185, 94, 171
Decimal	12148395
CIE Lab	53.23, 47.09, -25.03
CIE LCh	53, 53.327, 332.005
Yxy	21.2600, 0.3351, 0.2271
Android (android.graphics.Color)	4290338475 (0xFFB95EAB)
YUV	129.9870, 20.2194, 48.2464
Hunter-Lab	46.1085, 40.7178, -20.4178

# Details

The YUV color **129.9870, 20.2194, 48.2464** is a dark color, and the websafe version is hex **CC66CC**. A complement of this color would be **149.0130, -20.2194, -48.2464**, and the grayscale version is **130.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **184.8240, 20.7928, 51.0204**, and **76.5030, 20.9510, 46.9169** is the 20% darker color. If you saturate the color by 10%, you get **119.0790, 24.1181, 57.8127**, and if you desaturate by 10%, it is **141.4820, 16.0314, 38.1653**.

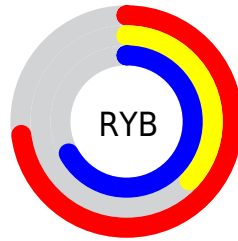
# Distribution



Red (73%)

Green (37%)

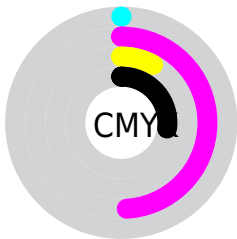
Blue (67%)



Red (73%)

Yellow (37%)

Blue (67%)

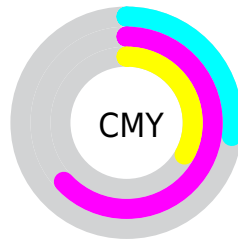


Cyan (0%)

Magenta (49%)

Yellow (8%)

Black (27%)



Cyan (27%)

Magenta (63%)


Yellow (33%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 129.9870, 20.2194, 48.2464 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 129.9870, 20.2194, 48.2464 by changing the saturation by 10% instead.





 129.9870, 20.2194,  
48.2464


 129.9870, 20.2194,  
48.2464


255.0000, 0.0000,  
0.0000


 103.2750, 20.0774,  
47.1168


 184.8240, 20.7928,  
51.0204


 76.5030, 20.9510,  
46.9169


 208.0400, 23.1513,  
41.1839


 46.7960, 23.2716,  
49.2909

 224.4760, 15.0483,  
26.7695

 31.0030, 19.2255,  
40.3394

 241.4990, 6.6560,  
11.8404

 21.2050, 12.7169,  
27.8842

 10.4390, 7.6716,  
12.7700

 0.0000, 0.0000,

0.0000

■ 129.9870, 20.2194,  
48.2464

■ 129.9870, 20.2194,  
48.2464

■ 119.0790, 24.1181,  
57.8127

■ 141.4820, 16.0314,  
38.1653

■ 107.5840, 28.3061,  
67.8938

■ 152.3900, 12.1327,  
28.5990

■ 96.6760, 32.2047,  
77.4601

■ 163.8850, 7.9447,  
18.5179

■ 85.2950, 36.8296,  
87.4413

■ 174.6790, 3.6093,  
9.0515

■ 73.8000, 41.0176,  
97.5224

■ 186.1740, -0.5788,  
-1.0296

■ 73.2130, 41.3070,  
98.0372

■ 197.0820, -4.4774,  
-10.5959

■ 208.5770, -8.6655,  
-20.6770

■ 219.4850,  
-12.5641, -30.2433

■ 227.4580,  
-15.0158, -37.2357

# Harmonies

## Analogous

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



129.7560, 37.0953, 1.9680



129.9870, 20.2194, 48.2464



125.5760, 0.2090, 73.1628

# Triad

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



129.9870, 20.2194, 48.2464



120.9500, -47.7963, 23.7229



106.8260, 33.6098, -93.6864

# Complementary

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



129.9870, 20.2194, 48.2464



149.0130, -20.2194, -48.2464

# 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.



102.1690, 13.2277, -89.6022



129.9870, 20.2194, 48.2464



115.9930, -36.4785, -13.1489

# Square

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



129.9870, 20.2194, 48.2464



124.0150, -39.4474, 52.6068



101.3290, -9.5292, -70.4485



107.6530, 49.4711, -94.4117



# Rectangle

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



129.9870, 20.2194, 48.2464



124.6890, -14.6367, 74.8177



101.3290, -9.5292, -70.4485



105.7030, 26.7684, -92.7015

# Sweetspot

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



129.9870, 20.2194, 48.2464



218.1840, 7.7973, 19.1326



108.5600, 37.6849, -0.4911



106.7440, 5.0562, 11.6255



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.



129.9870, 20.2194, 48.2464



154.1380, 31.4840, 75.3010



124.8570, 0.5635, 52.7454



86.4890, 1.7309, 4.8331



61.6920, 34.6618, 82.7081



11.1080, 6.3558, 14.8143



# Inverse Universe

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



129.9870, 20.2194, 48.2464



154.1380, 31.4840, 75.3010



154.1430, -0.5635, -52.7454



86.4890, 1.7309, 4.8331



61.6920, 34.6618, 82.7081



11.1080, 6.3558, 14.8143



# Previews

## White Background



This preview shows how the YUV color 129.9870, 20.2194, 48.2464 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

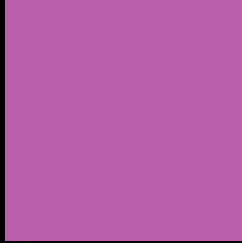
Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail



# Black Background



This preview shows how the YUV color 129.9870, 20.2194, 48.2464 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

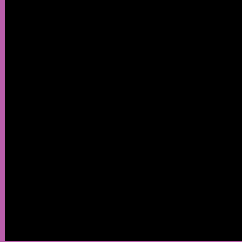
Any Text WCAG AA ✓ Pass

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 129.9870, 20.2194, 48.2464 Background



This preview shows how black text looks on a background with the YUV color 129.9870, 20.2194, 48.2464.



This preview shows how white text looks on a background with the YUV color 129.9870, 20.2194,



# 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

129.9870, 20.2194, 48.2464

### Protanopia

126.2170, 34.4030, -21.2383

### Deuteranopia

128.1790, 18.6458, -7.1730



## Tritanopia

129.4400, -7.1189, 43.4641

# Trichromacy



## Original Color

129.9870, 20.2194, 48.2464



## Protanomaly

127.7040, 29.2329, 3.7676



## Deuteranomaly

129.1260, 19.1649, 13.0445



## Tritanomaly

129.3830, 2.7692, 45.2681

# Monochromacy



## Original Color

129.9870, 20.2194, 48.2464



## Achromatopsia

130.0000, 0.0000, 0.0000



## Achromatomaly

130.0590, 7.3659, 17.4883

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 129.9870, 20.2194, 48.2464 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, 94, 171)` looks like.

```
.text, #text, p{  
    color:rgb(185, 94, 171)  
}
```

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, 94, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 94, 171) }
```

## Border

The CSS property to change the border of an element to YUV 129.9870, 20.2194, 48.2464 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, 94, 171) }
```



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

```
.border{ border-color:rgb(185, 94, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 94, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 94, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 94, 171);  
box-shadow:4px 4px 4px 4px rgb(185, 94,  
171) }
```

# Background

The CSS property to change the background color of an element to YUV 129.9870, 20.2194, 48.2464 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 94, 171) }
```

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

```
.background{ background-color: rgb(185, 94,  
171) }
```

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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