

Converting Colors

YUV(134.6500, 17.9205,
38.8949)

Have a look what the booklet for
YUV(134.6500, 17.9205, 38.8949)
contains.

YUV(134.6500, 17.9205, 38.8949)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(134.6500, 17.9205,
38.8949)**

Conversions

Conversions Part 1

Format	Color
Hex	B369AB
RGB	179, 105, 171
RGB Percent	70%, 41%, 67%
CMY	0.2980, 0.5882, 0.3294
CMYK	0.00, 0.41, 0.04, 0.30
HSL	306°, 33%, 56%
HSV	306°, 41%, 70%
XYZ	30.9927, 22.6271, 41.2621
YIQ	134.6500, 22.9180, 36.2140

Conversions

Conversions Part 2

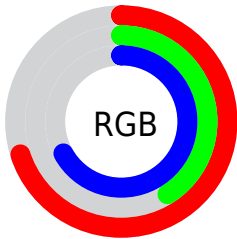
Format	Color
R _Y B	179, 105, 171
Decimal	11757995
CIE Lab	54.69, 39.46, -22.86
CIE LCh	55, 45.607, 329.921
Yxy	22.6271, 0.3266, 0.2385
Android (android.graphics.Color)	4289948075 (0xFFB369AB)
YUV	134.6500, 17.9205, 38.8949
Hunter-Lab	47.5680, 33.0568, -18.1325

Details

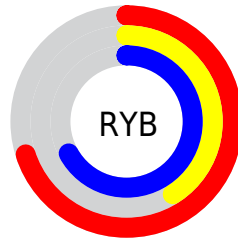
The YUV color **134.6500, 17.9205, 38.8949** is a light color, and the websafe version is hex **996699**. A complement of this color would be **149.3500, -17.9205, -38.8949**, and the grayscale version is **134.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **189.1880, 18.6413, 41.0541**, and **83.2260, 17.6366, 36.6358** is the 20% darker color. If you saturate the color by 10%, you get **123.8560, 22.2560, 48.3613**, and if you desaturate by 10%, it is **145.4440, 13.5851, 29.4286**.

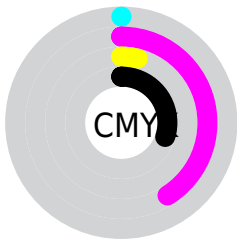
Distribution



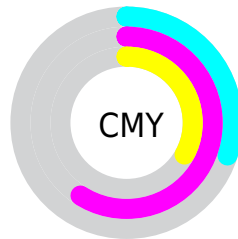
- Red (70%)
- Green (41%)
- Blue (67%)



- Red (70%)
- Yellow (41%)
- Blue (67%)



- Cyan (0%)
- Magenta (41%)
- Yellow (4%)
- Black (30%)



- Cyan (30%)
- Magenta (59%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YUV color 134.6500, 17.9205, 38.8949 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 134.6500, 17.9205, 38.8949 by changing the saturation by 10% instead.

134.6500, 17.9205,
38.8949

134.6500, 17.9205,
38.8949

255.0000, 0.0000,
0.0000

108.5250, 17.4892,
37.2506

189.1880, 18.6413,
41.0541

83.2260, 17.6366,
36.6358

213.9100, 20.2574,
36.0359

57.0410, 18.2208,
35.9210

230.9330, 11.8650,
21.1068

29.8070, 19.8151,
37.8803

247.3690, 3.7621,
6.6924

20.0090, 13.3066,
25.4251

9.8410, 7.9664,
11.5404

0.0000, 0.0000,

0.0000

■ 134.6500, 17.9205,
38.8949

■ 134.6500, 17.9205,
38.8949

■ 123.8560, 22.2560,
48.3613

■ 145.4440, 13.5851,
29.4286

■ 113.0620, 26.5914,
57.8276

■ 156.2380, 9.2497,
19.9623

■ 102.2680, 30.9269,
67.2940

■ 167.0320, 4.9142,
10.4959

■ 91.4740, 35.2623,
76.7603

■ 177.8260, 0.5788,
1.0296

■ 80.6800, 39.5978,
86.2266

■ 188.6200, -3.7567,
-8.4367

■ 71.7610, 43.5018,
94.0486

■ 198.8270, -7.8027,
-17.3883

■ 209.6210,
-12.1382, -26.8546

■ 220.3010,
-16.9104, -36.2210

■ 224.6380,
-18.0625, -40.0245

Harmonies

Analogous

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



133.1810, 32.4488, -1.0357



134.6500, 17.9205, 38.8949



131.9120, 0.5364, 61.4672

Triad

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



134.6500, 17.9205, 38.8949



126.9420, -38.9184, 22.8529



107.3160, 30.4102, -94.1161

Complementary

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



134.6500, 17.9205, 38.8949



149.3500, -17.9205, -38.8949

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.



102.7560, 12.9383, -90.1170



134.6500, 17.9205, 38.8949



122.6930, -31.4006, -8.5008

Square

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



134.6500, 17.9205, 38.8949



129.1160, -32.5952, 48.1333



114.7880, -12.2205, -47.1721



107.6870, 44.5243, -94.4415

Rectangle

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



134.6500, 17.9205, 38.8949



130.6060, -12.1308, 64.3665



114.7880, -12.2205, -47.1721



105.8340, 24.7318, -92.8164

Sweetspot

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



134.6500, 17.9205, 38.8949



215.2220, 6.7926, 14.7143



115.5290, 31.2912, -3.0949



107.4940, 4.1935, 8.3368



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000

Same Dimension

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



134.6500, 17.9205, 38.8949



162.5400, 28.3278, 60.9164



130.5460, 2.1958, 42.4942



83.6030, 2.1677, 4.7332



61.2510, 36.8513, 80.4639



10.3960, 6.2138, 13.6847

Inverse Universe

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



134.6500, 17.9205, 38.8949



162.5400, 28.3278, 60.9164



153.4540, -2.1958, -42.4942



83.6030, 2.1677, 4.7332



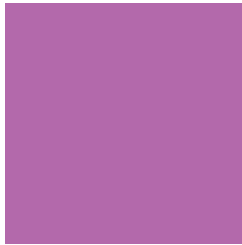
61.2510, 36.8513, 80.4639



10.3960, 6.2138, 13.6847

Previews

White Background



This preview shows how the YUV color 134.6500, 17.9205, 38.8949 looks on a white background.

Color Contrast Check

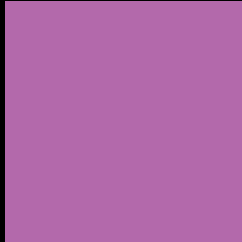
Large Text (above 18pt) WCAG AA ✓ Pass

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 134.6500, 17.9205, 38.8949 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

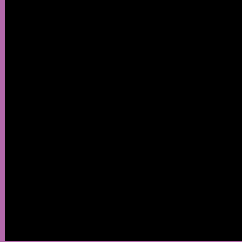
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 134.6500, 17.9205, 38.8949

Background



This preview shows how black text looks on a background with the YUV color 134.6500, 17.9205, 38.8949.



This preview shows how white text looks on a background with the YUV color 134.6500, 17.9205,

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

134.6500, 17.9205, 38.8949

Protanopia

130.8710, 29.1506, -16.5499

Deuteranopia

132.1360, 17.1880, -6.2583



Tritanopia

133.3680, -4.6184, 34.7573

Trichromacy



Original Color

134.6500, 17.9205, 38.8949

Protanomaly

131.9660, 25.1598, 3.5378

Deuteranomaly

132.9470, 17.2811, 10.5705

Tritanomaly

133.5560, 3.6699, 36.3464

Monochromacy



Original Color

134.6500, 17.9205, 38.8949

Achromatopsia

135.0000, 0.0000, 0.0000

Achromatomaly

134.8090, 6.5032, 14.1995

CSS Examples

Text

The CSS property to change the color of the text to YUV 134.6500, 17.9205, 38.8949 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(179, 105, 171)` looks like.

```
.text, #text, p{  
    color:rgb(179, 105, 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(179, 105, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 105, 171) }
```

Border

The CSS property to change the border of an element to YUV 134.6500, 17.9205, 38.8949 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(179, 105, 171) }
```


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

```
.border{ border-color:rgb(179, 105, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 105, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 105, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 105, 171);  
box-shadow:4px 4px 4px 4px rgb(179, 105,  
171) }
```

Background

The CSS property to change the background color of an element to YUV 134.6500, 17.9205, 38.8949 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 105, 171) }
```

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

```
.background{ background-color: rgb(179,  
105, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor