

Converting Colors

YUV(134.9470, 17.2811,
10.5705)

Have a look what the booklet for
YUV(134.9470, 17.2811, 10.5705)
contains.

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Color

**YUV(134.9470, 17.2811,
10.5705)**

Conversions

Conversions Part 1

Format	Color
Hex	937AAA
RGB	147, 122, 170
RGB Percent	58%, 48%, 67%
CMY	0.4235, 0.5216, 0.3333
CMYK	0.14, 0.28, 0.00, 0.33
HSL	271°, 22%, 57%
HSV	271°, 28%, 67%
XYZ	26.2479, 23.0244, 41.0909
YIQ	134.9470, -0.5080, 20.2280

Conversions

Conversions Part 2

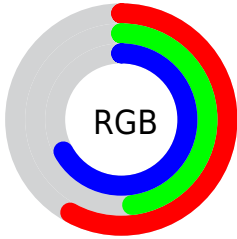
Format	Color
R_{YB}	147, 122, 170
Decimal	9665194
CIE _{Lab}	55.10, 19.15, -21.95
CIE _{LCh}	55, 29.127, 311.103
Yxy	23.0244, 0.2905, 0.2548
Android (android.graphics.Color)	4287855274 (0xFF937AAA)
YUV	134.9470, 17.2811, 10.5705
Hunter-Lab	47.9837, 13.6707, -17.1845

Details

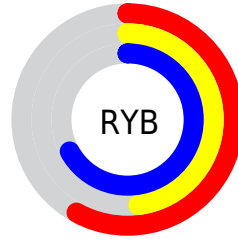
The YUV color **134.9470, 17.2811, 10.5705** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **157.0530, -17.2811, -10.5705**, and the grayscale version is **135.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **188.4740, 18.0073, 10.9853**, and **85.0070, 16.2655, 9.6409** is the 20% darker color. If you saturate the color by 10%, you get **122.5760, 23.3800, 14.4038**, and if you desaturate by 10%, it is **147.3180, 11.1822, 6.7371**.

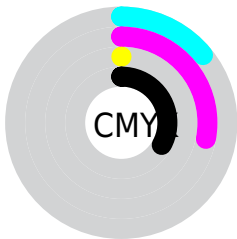
Distribution



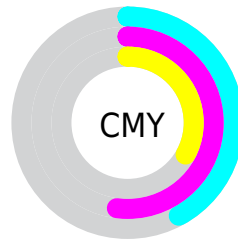
- Red (58%)
- Green (48%)
- Blue (67%)



- Red (58%)
- Yellow (48%)
- Blue (67%)



- Cyan (14%)
- Magenta (28%)
- Yellow (0%)
- Black (33%)




- Cyan (42%)
- Magenta (52%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the YUV color 134.9470, 17.2811, 10.5705 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 134.9470, 17.2811, 10.5705 by changing the saturation by 10% instead.


 134.9470, 17.2811,
10.5705


 134.9470, 17.2811,
10.5705


255.0000, 0.0000,
0.0000

 109.4200, 16.5549,
10.1557


 188.4740, 18.0073,
10.9853


 85.0070, 16.2655,
9.6409


 216.3000, 18.5861,
12.0149

 61.1810, 15.6868,
8.6113

 240.3250, 7.2348,
12.8700

 39.2410, 14.6712,
7.6816

 16.9530, 14.8132,
8.8112

 3.4370, 10.6306,
-3.0142

 0.0000, 0.0000,

0.0000

■ 134.9470, 17.2811,
10.5705

■ 134.9470, 17.2811,
10.5705

■ 122.5760, 23.3800,
14.4038

■ 147.3180, 11.1822,
6.7371

■ 110.2050, 29.4789,
18.2372

■ 159.6890, 5.0833,
2.9037

■ 97.8340, 35.5778,
22.0706

■ 172.0600, -1.0156,
-0.9296

■ 85.1640, 41.8241,
25.2892

■ 184.7300, -7.2619,
-4.1482

■ 72.7930, 47.9231,
29.1225

■ 197.1010,
-13.3608, -7.9816

■ 60.4220, 54.0220,
32.9559

■ 209.4720,
-19.4597, -11.8149

■ 48.0510, 60.1209,
36.7893

■ 221.8430,
-25.5586, -15.6483

■ 45.9910, 61.1364,
37.7189

■ 232.4530,
-30.7893, -17.9373

■ 234.8450,
-31.9686, -13.0191

Harmonies

Analogous

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



131.0190, 24.6406, -16.6797



134.9470, 17.2811, 10.5705



135.6200, 6.5963, 31.0283

Triad

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



134.9470, 17.2811, 10.5705



131.8020, -23.0734, 27.3606



116.7260, 11.9671, -58.5187

Complementary

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



134.9470, 17.2811, 10.5705



157.0530, -17.2811, -10.5705

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.



121.8570, -3.3805, -35.8316



134.9470, 17.2811, 10.5705



129.2790, -23.3085, 9.4023

Square

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



134.9470, 17.2811, 10.5705



133.3010, -16.4174, 39.2010



126.2700, -16.4021, -12.5148



114.8850, 24.2137, -66.5511

Rectangle

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



134.9470, 17.2811, 10.5705



135.1990, -1.5771, 39.2905



126.2700, -16.4021, -12.5148



118.6900, 6.5618, -51.4711

Sweetspot

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



134.9470, 17.2811, 10.5705



208.7430, 6.5357, 3.7334



140.9730, 14.3103, -16.6393



104.0480, 3.9203, 2.5889



240.0000, 0.0000, 0.0000



112.0000, 0.0000, 0.0000

Same Dimension

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



134.9470, 17.2811, 10.5705



166.6240, 27.3004, 16.9928



141.7100, 13.4540, 24.8103



78.1080, 2.9048, 1.6593



39.8950, 53.2958, 32.5411



5.5690, 7.1145, 4.7630

Inverse Universe

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



138.9740, 2.9708, 27.2098



172.9420, 4.9586, 43.0239



150.2900, -13.4540, -24.8103



78.8480, 0.5679, 4.5183



52.3460, 9.1964, 83.8886



7.1200, 1.4198, 11.2958

Previews

White Background



This preview shows how the YUV color 134.9470, 17.2811, 10.5705 looks on a white background.

Color Contrast Check

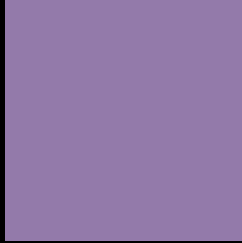
Large Text (above 18pt) WCAG AA ✓ Pass

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 134.9470, 17.2811, 10.5705 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 134.9470, 17.2811, 10.5705

Background



This preview shows how black text looks on a background with the YUV color 134.9470, 17.2811, 10.5705.



This preview shows how white text looks on a background with the YUV color 134.9470, 17.2811, 10.5705.

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

134.9470, 17.2811, 10.5705

Protanopia

131.9550, 21.7142, -11.3615

Deuteranopia

133.1360, 17.1880, -6.2583



Tritanopia

133.3260, 2.3043, 7.6071

Trichromacy



Original Color

134.9470, 17.2811, 10.5705

Protanomaly

132.9560, 20.2347, -3.4694

Deuteranomaly

133.8810, 17.3137, 0.1044

Tritanomaly

134.1180, 7.8298, 8.6665

Monochromacy



Original Color

134.9470, 17.2811, 10.5705

Achromatopsia

135.0000, 0.0000, 0.0000

Achromatomaly

134.7430, 6.5357, 3.7334

CSS Examples

Text

The CSS property to change the color of the text to YUV 134.9470, 17.2811, 10.5705 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(147, 122, 170)` looks like.

```
.text, #text, p{  
    color:rgb(147, 122, 170)  
}
```

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(147, 122, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(147, 122, 170) }
```

Border

The CSS property to change the border of an element to YUV 134.9470, 17.2811, 10.5705 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(147, 122, 170) }
```


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

```
.border{ border-color:rgb(147, 122, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(147, 122, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(147, 122, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(147, 122, 170);  
box-shadow:4px 4px 4px 4px rgb(147, 122,  
170) }
```

Background

The CSS property to change the background color of an element to YUV 134.9470, 17.2811, 10.5705 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(147, 122, 170) }
```

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

```
.background{ background-color: rgb(147,  
122, 170) }
```

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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