

Converting Colors

YUV(135.2700, 10.7129,
17.3032)

Have a look what the booklet for
YUV(135.2700, 10.7129, 17.3032)
contains.

YUV(135.2700, 10.7129, 17.3032)	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(135.2700, 10.7129,
17.3032)**

Conversions

Conversions Part 1

Format	Color
Hex	9B799D
RGB	155, 121, 157
RGB Percent	61%, 47%, 62%
CMY	0.3922, 0.5255, 0.3843
CMYK	0.01, 0.23, 0.00, 0.38
HSL	297°, 16%, 55%
HSV	297°, 23%, 62%
XYZ	26.4407, 23.0776, 34.9591
YIQ	135.2700, 8.7080, 18.4040

Conversions

Conversions Part 2

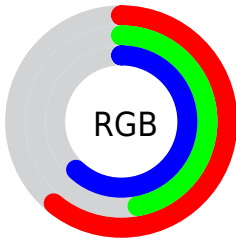
Format	Color
R _Y B	155, 121, 157
Decimal	10189213
CIE Lab	55.15, 19.71, -14.27
CIE LCh	55, 24.334, 324.085
Yxy	23.0776, 0.3130, 0.2732
Android (android.graphics.Color)	4288379293 (0xFF9B799D)
YUV	135.2700, 10.7129, 17.3032
Hunter-Lab	48.0392, 14.1778, -9.5192

Details

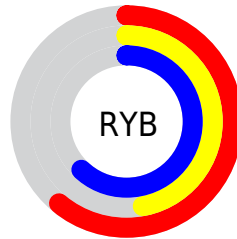
The YUV color **135.2700, 10.7129, 17.3032** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **142.7300, -10.7129, -17.3032**, and the grayscale version is **135.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **189.0960, 11.2917, 18.3328**, and **85.1450, 10.2815, 15.6588** is the 20% darker color. If you saturate the color by 10%, you get **125.5790, 15.4906, 24.9252**, and if you desaturate by 10%, it is **144.9610, 5.9352, 9.6812**.

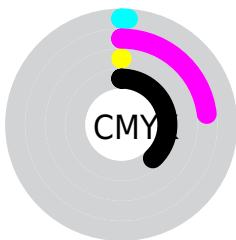
Distribution



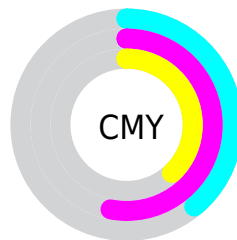
- Red (61%)
- Green (47%)
- Blue (62%)



- Red (61%)
- Yellow (47%)
- Blue (62%)



- Cyan (1%)
- Magenta (23%)
- Yellow (0%)
- Black (38%)



- Cyan (39%)
- Magenta (53%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the YUV color 135.2700, 10.7129, 17.3032 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 135.2700, 10.7129, 17.3032 by changing the saturation by 10% instead.

■ 135.2700, 10.7129,
17.3032

■ 135.2700, 10.7129,
17.3032

255.0000, 0.0000,
0.0000

■ 109.8570, 10.4235,
16.7884

■ 189.0960, 11.2917,
18.3328

■ 85.1450, 10.2815,
15.6588

■ 216.5090, 11.5811,
18.8476

■ 61.6180, 9.5553,
15.2440

■ 239.7380, 7.5242,
13.3848

■ 38.9060, 9.4133,
14.1144

■ 17.3190, 9.7027,
14.6292

■ 2.1830, 5.8258,
-1.9145

■ 0.0000, 0.0000,

0.0000

■ 135.2700, 10.7129,
17.3032

■ 135.2700, 10.7129,
17.3032

■ 125.5790, 15.4906,
24.9252

■ 144.9610, 5.9352,
9.6812

■ 116.4750, 19.9788,
32.0324

■ 154.0650, 1.4470,
2.5740

■ 106.7840, 24.7565,
39.6544

■ 163.7560, -3.3307,
-5.0480

■ 97.3920, 29.3867,
47.8912

■ 173.1480, -7.9610,
-13.2848

■ 87.7010, 34.1644,
55.5132

■ 182.2520,
-12.4492, -20.3920

■ 78.5970, 38.6527,
62.6204

■ 191.9430,
-17.2269, -28.0140

68.9060, 43.4303,
70.2424

201.6340,
-22.0046, -35.6360

62.1500, 46.7611,
75.2905

211.3250,
-26.7822, -43.2580

216.3200,
-29.2448, -46.7616

Harmonies

Analogous

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



133.0870, 18.1981, -3.5843



135.2700, 10.7129, 17.3032



135.4260, 0.7760, 31.1984

Triad

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



135.2700, 10.7129, 17.3032



131.1320, -20.2781, 17.4242



120.5470, 13.5343, -47.8377

Complementary

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



135.2700, 10.7129, 17.3032



142.7300, -10.7129, -17.3032

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.



122.6380, 2.1505, -36.5165



135.2700, 10.7129, 17.3032



129.0050, -17.7505, -0.0044

Square

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



135.2700, 10.7129, 17.3032



132.8330, -16.6797, 29.9645



126.3600, -9.5445, -18.7327



123.1050, 20.6542, -44.8191

Rectangle

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



135.2700, 10.7129, 17.3032



134.7270, -5.7814, 34.4424



126.3600, -9.5445, -18.7327



121.3470, 10.1819, -45.9083

Sweetspot

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



135.2700, 10.7129, 17.3032



195.4830, 4.1989, 6.5924



126.2780, 15.1459, -4.6288



97.3040, 2.3151, 4.1184



230.0000, 0.0000, 0.0000



102.0000, 0.0000, 0.0000

Same Dimension

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



135.2700, 10.7129, 17.3032



169.6440, 16.9375, 27.4992



134.0440, 3.4293, 20.1324



74.3040, 2.3151, 4.1184



56.6670, 42.5622, 68.6980



5.8960, 4.4883, 7.1072

Inverse Universe

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



131.9920, -4.4331, 21.9320



164.3850, -7.0918, 34.7424



143.9560, -3.4293, -20.1324



73.5060, -0.7425, 4.8182



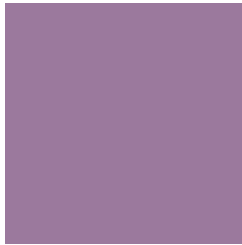
43.6690, -17.5848, 87.1133



4.5990, -1.7743, 9.1217

Previews

White Background



This preview shows how the YUV color 135.2700, 10.7129, 17.3032 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 135.2700, 10.7129, 17.3032 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

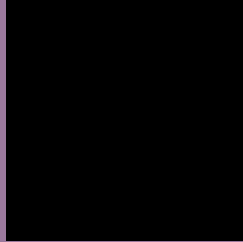
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 135.2700, 10.7129, 17.3032

Background



This preview shows how black text looks on a background with the YUV color 135.2700, 10.7129, 17.3032.



This preview shows how white text looks on a background with the YUV color 135.2700, 10.7129,

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

135.2700, 10.7129, 17.3032

Protanopia

132.9680, 15.2988, -6.9879

Deuteranopia

133.4590, 10.6197, 0.4745



Tritanopia

134.2130, 0.3880, 15.5992

Trichromacy



Original Color

135.2700, 10.7129, 17.3032

Protanomaly

133.5670, 13.5245, 2.1337

Deuteranomaly

134.2040, 10.7454, 6.8371

Tritanomaly

134.8370, 4.0244, 15.9290

Monochromacy



Original Color

135.2700, 10.7129, 17.3032

Achromatopsia

135.0000, 0.0000, 0.0000

Achromatomaly

135.0700, 3.9095, 6.0776

CSS Examples

Text

The CSS property to change the color of the text to YUV 135.2700, 10.7129, 17.3032 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(155, 121, 157)` looks like.

```
.text, #text, p{  
    color:rgb(155, 121, 157)  
}
```

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(155, 121, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 121, 157) }
```

Border

The CSS property to change the border of an element to YUV 135.2700, 10.7129, 17.3032 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(155, 121, 157) }
```


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

```
.border{ border-color:rgb(155, 121, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 121, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 121, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 121, 157);  
box-shadow:4px 4px 4px 4px rgb(155, 121,  
157) }
```

Background

The CSS property to change the background color of an element to YUV 135.2700, 10.7129, 17.3032 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 121, 157) }
```

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

```
.background{ background-color: rgb(155,  
121, 157) }
```

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