

Converting Colors

YUV(146.2700, 10.7129,
17.3032)

Have a look what the booklet for
YUV(146.2700, 10.7129, 17.3032)
contains.

YUV(146.2700, 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(146.2700, 10.7129,
17.3032)**

Conversions

Conversions Part 1

Format	Color
Hex	A684A8
RGB	166, 132, 168
RGB Percent	65%, 52%, 66%
CMY	0.3490, 0.4824, 0.3412
CMYK	0.01, 0.21, 0.00, 0.34
HSL	297°, 17%, 59%
HSV	297°, 21%, 66%
XYZ	31.0450, 27.4367, 40.7053
YIQ	146.2700, 8.7080, 18.4040

Conversions

Conversions Part 2

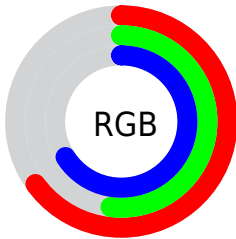
Format	Color
R _Y B	166, 132, 168
Decimal	10912936
CIE Lab	59.38, 19.44, -14.12
CIE LCh	59, 24.027, 324.016
Yxy	27.4367, 0.3130, 0.2766
Android (android.graphics.Color)	4289103016 (0xFFA684A8)
YUV	146.2700, 10.7129, 17.3032
Hunter-Lab	52.3800, 14.1298, -9.4092

Details

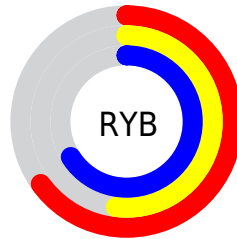
The YUV color **146.2700, 10.7129, 17.3032** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **153.7300, -10.7129, -17.3032**, and the grayscale version is **146.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **200.0960, 11.2917, 18.3328**, and **95.4440, 10.1341, 16.2736** is the 20% darker color. If you saturate the color by 10%, you get **135.9920, 15.7799, 25.4400**, and if you desaturate by 10%, it is **156.5480, 5.6458, 9.1664**.

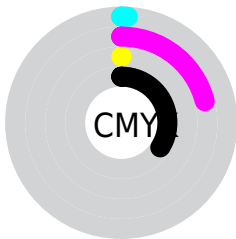
Distribution



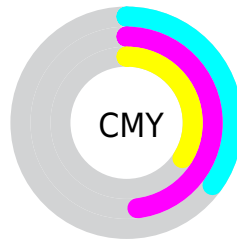
- Red (65%)
- Green (52%)
- Blue (66%)



- Red (65%)
- Yellow (52%)
- Blue (66%)



- Cyan (1%)
- Magenta (21%)
- Yellow (0%)
- Black (34%)





- Cyan (35%)
- Magenta (48%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the YUV color 146.2700, 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 146.2700, 10.7129, 17.3032 by changing the saturation by 10% instead.


 146.2700, 10.7129,
17.3032


 146.2700, 10.7129,
17.3032


255.0000, 0.0000,
0.0000


 120.5580, 10.5709,
16.1736


 200.0960, 11.2917,
18.3328

 95.4440, 10.1341,
16.2736


 228.5090, 11.5811,
18.8476

 71.6180, 9.5553,
15.2440

 246.7820, 4.0515,
7.2072

 48.9060, 9.4133,
14.1144

 27.0800, 8.8346,
13.0848

 9.7270, 7.5296,
11.6404

 0.0000, 0.0000,

0.0000

146.2700, 10.7129,
17.3032

146.2700, 10.7129,
17.3032

135.9920, 15.7799,
25.4400

156.5480, 5.6458,
9.1664

125.7140, 20.8470,
33.5768

166.8260, 0.5788,
1.0296

116.0230, 25.6247,
41.1988

176.5170, -4.1989,
-6.5924

105.7450, 30.6917,
49.3356

186.7950, -9.2659,
-14.7292

95.4670, 35.7588,
57.4724

197.0730,
-14.3330, -22.8660

85.1890, 40.8258,
65.6092

207.3510,
-19.4000, -31.0028

■ 74.9110, 45.8929,
73.7461

■ 217.6290,
-24.4671, -39.1396

■ 66.6930, 49.9444,
80.9532

■ 220.5640,
-25.9141, -41.7136

■ 220.8630,
-26.0615, -41.0989

Harmonies

Analogous

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



144.0870, 18.1981, -3.5843



146.2700, 10.7129, 17.3032



146.4260, 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.



146.2700, 10.7129, 17.3032



142.1320, -20.2781, 17.4242



132.1450, 13.2395, -46.6082

Complementary

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



146.2700, 10.7129, 17.3032



153.7300, -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.



133.9370, 2.0031, -35.9017



146.2700, 10.7129, 17.3032



140.0050, -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.



146.2700, 10.7129, 17.3032



143.8330, -16.6797, 29.9645



137.3600, -9.5445, -18.7327



134.7030, 20.3594, -43.5895

Rectangle

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



146.2700, 10.7129, 17.3032



146.0260, -5.9288, 35.0572



137.3600, -9.5445, -18.7327



132.8310, 9.4503, -44.5788

Sweetspot

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



146.2700, 10.7129, 17.3032



211.3690, 3.7621, 6.6924



137.2780, 15.1459, -4.6288



105.0050, 2.4625, 3.5036



237.0000, 0.0000, 0.0000



110.0000, 0.0000, 0.0000

Same Dimension

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



146.2700, 10.7129, 17.3032



184.6440, 16.9375, 27.4992



145.0440, 3.4293, 20.1324



79.3040, 2.3151, 4.1184



58.7320, 44.0091, 71.2720



7.9610, 5.9352, 9.6812

Inverse Universe

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



142.9920, -4.4331, 21.9320



179.3850, -7.0918, 34.7424



154.9560, -3.4293, -20.1324



78.3920, -1.1793, 4.9182



45.1640, -18.3219, 90.1872



6.0940, -2.5113, 12.1956

Previews

White Background



This preview shows how the YUV color 146.2700, 10.7129, 17.3032 looks on a white background.

Color Contrast Check

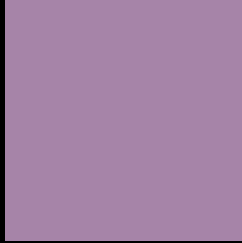
Large Text (above 18pt) WCAG AA ✓ Pass

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 146.2700, 10.7129, 17.3032 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

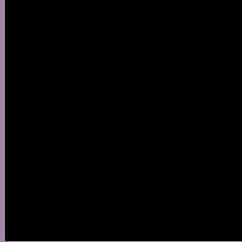
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 146.2700, 10.7129, 17.3032

Background



This preview shows how black text looks on a background with the YUV color 146.2700, 10.7129, 17.3032.



This preview shows how white text looks on a background with the YUV color 146.2700, 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

146.2700, 10.7129, 17.3032

Protanopia

143.9680, 15.2988, -6.9879

Deuteranopia

144.8720, 10.9091, 0.9893



Tritanopia

145.2130, 0.3880, 15.5992

Trichromacy



Original Color

146.2700, 10.7129, 17.3032

Protanomaly

144.5670, 13.5245, 2.1337

Deuteranomaly

145.2040, 10.7454, 6.8371

Tritanomaly

145.8370, 4.0244, 15.9290

Monochromacy



Original Color

146.2700, 10.7129, 17.3032

Achromatopsia

146.0000, 0.0000, 0.0000

Achromatomaly

146.0700, 3.9095, 6.0776

CSS Examples

Text

The CSS property to change the color of the text to YUV 146.2700, 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(166, 132, 168)` looks like.

```
.text, #text, p{  
    color:rgb(166, 132, 168)  
}
```

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(166, 132, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 132, 168) }
```

Border

The CSS property to change the border of an element to YUV 146.2700, 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(166, 132, 168) }
```


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

```
.border{ border-color:rgb(166, 132, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 132, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 132, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 132, 168);  
box-shadow:4px 4px 4px 4px rgb(166, 132,  
168) }
```

Background

The CSS property to change the background color of an element to YUV 146.2700, 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(166, 132, 168) }
```

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

```
.background{ background-color: rgb(166,  
132, 168) }
```

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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