

Converting Colors

YUV(129.2680, 20.5739,
27.8290)

Have a look what the booklet for
YUV(129.2680, 20.5739, 27.8290)
contains.

YUV(129.2680, 20.5739, 27.8290)	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(129.2680, 20.5739,
27.8290)**

Conversions

Conversions Part 1

Format	Color
Hex	A169AB
RGB	161, 105, 171
RGB Percent	63%, 41%, 67%
CMY	0.3686, 0.5882, 0.3294
CMYK	0.06, 0.39, 0.00, 0.33
HSL	291°, 28%, 54%
HSV	291°, 39%, 67%
XYZ	27.1002, 20.6205, 41.0799
YIQ	129.2680, 12.1900, 32.3980

Conversions

Conversions Part 2

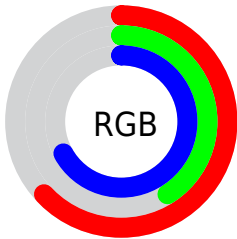
Format	Color
R _Y B	161, 105, 171
Decimal	10578347
CIE Lab	52.53, 33.70, -26.36
CIE LCh	53, 42.781, 321.964
Yxy	20.6205, 0.3052, 0.2322
Android (android.graphics.Color)	4288768427 (0xFFA169AB)
YUV	129.2680, 20.5739, 27.8290
Hunter-Lab	45.4098, 27.0602, -21.8497

Details

The YUV color **129.2680, 20.5739, 27.8290** is a dark color, and the websafe version is hex **996699**. A complement of this color would be **146.7320, -20.5739, -27.8290**, and the grayscale version is **129.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **182.9200, 21.7314, 29.8882**, and **78.6160, 19.4163, 25.7698** is the 20% darker color. If you saturate the color by 10%, you get **118.3920, 25.9357, 34.7362**, and if you desaturate by 10%, it is **140.1440, 15.2120, 20.9217**.

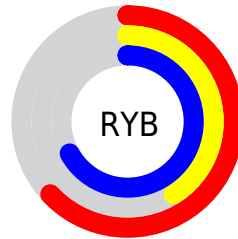
Distribution



Red (63%)

Green (41%)

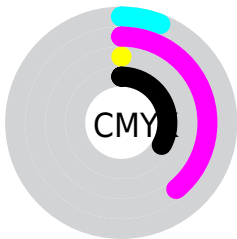
Blue (67%)



Red (63%)

Yellow (41%)

Blue (67%)

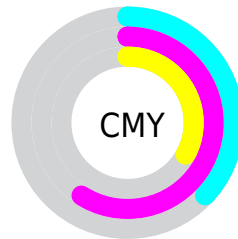


Cyan (6%)

Magenta (39%)

Yellow (0%)

Black (33%)



Cyan (37%)


Magenta (59%)


Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the YUV color 129.2680, 20.5739, 27.8290 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 129.2680, 20.5739, 27.8290 by changing the saturation by 10% instead.


 129.2680, 20.5739,
27.8290


 129.2680, 20.5739,
27.8290


255.0000, 0.0000,
0.0000


 103.4420, 19.9951,
26.7994


 182.9200, 21.7314,
29.8882

 78.6160, 19.4163,
25.7698


 211.2190, 21.5840,
30.5029


 54.3170, 19.5637,
25.1550

 230.3460, 12.1544,
21.6216

 29.4310, 20.0005,
25.0550

 246.7820, 4.0515,
7.2072

 16.4210, 15.0754,
18.0478

 2.8500, 10.9200,
-2.4994

 0.0000, 0.0000,

0.0000

■ 129.2680, 20.5739,
27.8290

■ 129.2680, 20.5739,
27.8290

■ 118.3920, 25.9357,
34.7362

■ 140.1440, 15.2120,
20.9217

■ 107.8150, 31.1502,
42.2582

■ 150.7210, 9.9975,
13.3997

■ 96.9390, 36.5121,
49.1655

■ 161.5970, 4.6357,
6.4924

■ 86.3620, 41.7265,
56.6875

■ 172.1740, -0.5788,
-1.0296

■ 75.4860, 47.0884,
63.5948

■ 183.0500, -5.9406,
-7.9368

■ 64.0230, 52.7397,
71.0168

■ 194.5130,
-11.5919, -15.3589

62.8490, 53.3184,
72.0464

205.0900,
-16.8064, -22.8809

215.9660,
-22.1682, -29.7882

224.1950,
-26.2251, -35.2510

Harmonies

Analogous

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



125.6310, 33.2129, -12.8314



129.2680, 20.5739, 27.8290



127.5950, 4.6367, 52.9752

Triad

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



129.2680, 20.5739, 27.8290



122.4850, -35.7351, 28.5157



101.8560, 24.7210, -89.3277

Complementary

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



129.2680, 20.5739, 27.8290



146.7320, -20.5739, -27.8290

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.



96.9370, 8.4121, -85.0137



129.2680, 20.5739, 27.8290



119.5200, -32.3014, 0.4210

Square

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



129.2680, 20.5739, 27.8290



124.2070, -27.2171, 49.8075



113.2090, -17.3580, -32.6323



102.9280, 38.9825, -90.2679

Rectangle

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



129.2680, 20.5739, 27.8290



125.9520, -6.8783, 59.6781



113.2090, -17.3580, -32.6323



100.3740, 19.0426, -88.0280

Sweetspot

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



129.2680, 20.5739, 27.8290



204.9550, 8.4032, 11.4405



118.9810, 25.6454, -12.2613



102.0100, 4.9251, 7.0072



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.



129.2680, 20.5739, 27.8290



157.3420, 31.8764, 42.6731



129.7500, 9.4902, 36.1763



81.1190, 2.8993, 3.4036



55.3720, 46.6516, 63.6948



8.3030, 7.2456, 9.3813

Inverse Universe

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



125.8740, -5.3609, 39.5755



152.2080, -8.4835, 61.2076



146.2500, -9.4902, -36.1763



80.8050, -0.8899, 5.4330



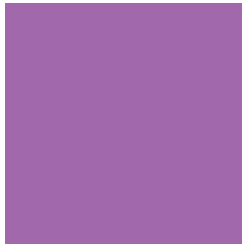
47.4720, -12.0647, 89.9171



7.2190, -2.0800, 13.8399

Previews

White Background



This preview shows how the YUV color 129.2680, 20.5739, 27.8290 looks on a white background.

Color Contrast Check

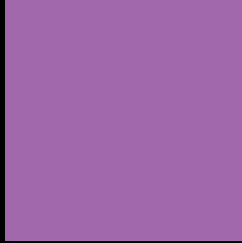
Large Text (above 18pt) WCAG AA ✓ Pass

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 129.2680, 20.5739, 27.8290 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

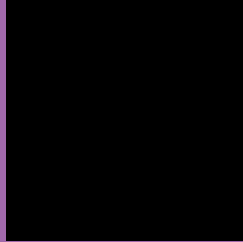
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

YUV 129.2680, 20.5739, 27.8290

Background



This preview shows how black text looks on a background with the YUV color 129.2680, 20.5739, 27.8290.



This preview shows how white text looks on a background with the YUV color 129.2680, 20.5739,

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

129.2680, 20.5739, 27.8290

Protanopia

125.3870, 29.8822, -17.8794

Deuteranopia

126.2110, 20.1090, -9.8320



Tritanopia

127.6870, -1.8177, 23.0765

Trichromacy



Original Color

129.2680, 20.5739, 27.8290

Protanomaly

126.6880, 26.7758, -1.4804

Deuteranomaly

127.2990, 20.0656, 4.1228

Tritanomaly

128.1740, 6.3232, 25.2804

Monochromacy



Original Color

129.2680, 20.5739, 27.8290

Achromatopsia

129.0000, 0.0000, 0.0000

Achromatomaly

129.0150, 7.3876, 10.5108

CSS Examples

Text

The CSS property to change the color of the text to YUV 129.2680, 20.5739, 27.8290 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(161, 105, 171)` looks like.

```
.text, #text, p{  
    color:rgb(161, 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(161, 105, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 105, 171) }
```

Border

The CSS property to change the border of an element to YUV 129.2680, 20.5739, 27.8290 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(161, 105, 171) }
```


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

```
.border{ border-color:rgb(161, 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(161, 105, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 105, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 105, 171);  
box-shadow:4px 4px 4px 4px rgb(161, 105,  
171) }
```

Background

The CSS property to change the background color of an element to YUV 129.2680, 20.5739, 27.8290 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 105, 171) }
```

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

```
.background{ background-color: rgb(161,  
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](#).

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