

# Converting Colors

YUV(129.2900, 26.9720,  
-17.7943)

Have a look what the booklet for  
YUV(129.2900, 26.9720, -17.7943)  
contains.

<b>YUV(129.2900, 26.9720, -17.7943)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YUV(129.2900, 26.9720,  
-17.7943)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6D81B8
RGB	109, 129, 184
RGB Percent	43%, 51%, 72%
CMY	0.5725, 0.4941, 0.2784
CMYK	0.41, 0.30, 0.00, 0.28
HSL	224°, 35%, 57%
HSV	224°, 41%, 72%
XYZ	22.8087, 22.4124, 48.4713
YIQ	129.2900, -29.5750, 12.8650

# Conversions

## Conversions Part 2

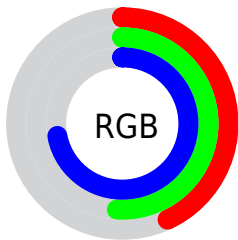
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	109, 125, 184
Decimal	7176632
CIE Lab	54.46, 7.00, -31.23
CIE LCh	54, 32.000, 282.629
Yxy	22.4124, 0.2434, 0.2392
Android (android.graphics.Color)	4285366712 (0xFF6D81B8)
YUV	129.2900, 26.9720, -17.7943
Hunter-Lab	47.3418, 3.1510, -27.5654

# Details

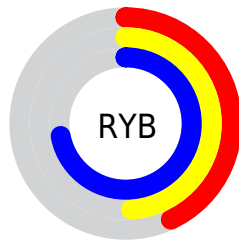
The YUV color **129.2900, 26.9720, -17.7943** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **163.7100, -26.9720, 17.7943**, and the grayscale version is **129.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **182.9310, 28.1350, -17.4795**, and **78.6380, 25.8145, -19.8535** is the 20% darker color. If you saturate the color by 10%, you get **116.2770, 33.3874, -22.1679**, and if you desaturate by 10%, it is **142.3030, 20.5566, -13.4207**.

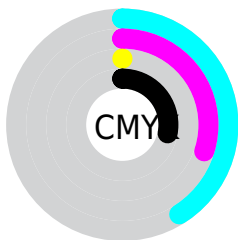
# Distribution



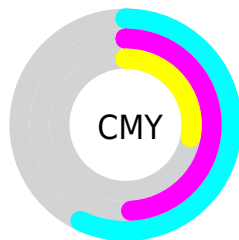
- Red (43%)
- Green (51%)
- Blue (72%)



- Red (43%)
- Yellow (49%)
- Blue (72%)



- Cyan (41%)
- Magenta (30%)
- Yellow (0%)
- Black (28%)



- Cyan (57%)
- Magenta (49%)
- Yellow (28%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 129.2900, 26.9720, -17.7943 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 129.2900, 26.9720, -17.7943 by changing the saturation by 10% instead.



■ 129.2900, 26.9720,  
-17.7943

■ 129.2900, 26.9720,  
-17.7943

■ 255.0000, 0.0000,  
0.0000

■ 103.7630, 26.2458,  
-18.2092

■ 182.9310, 28.1350,  
-17.4795

■ 78.6380, 25.8145,  
-19.8535

■ 208.8620, 22.7460,  
-15.6650

■ 54.1000, 25.0937,  
-22.0127

■ 233.9690, 10.3683,  
-12.2508

■ 30.3660, 24.9626,  
-26.6310

■ 253.2060, 0.8844,  
-3.6887

■ 15.4170, 20.9934,  
-13.5207

■ 5.1640, 14.7091,  
-4.5288

■ 1.2540, 4.8048,

-1.0998

■ 0.0000, 0.0000,  
0.0000

■ 129.2900, 26.9720,  
-17.7943

■ 129.2900, 26.9720,  
-17.7943

■ 116.2770, 33.3874,  
-22.1679

■ 142.3030, 20.5566,  
-13.4207

■ 102.3780, 40.2396,  
-26.6415

■ 156.2020, 13.7044,  
-8.9472

■ 89.3650, 46.6551,  
-31.0151

■ 169.2150, 7.2890,  
-4.5736

■ 75.4660, 53.5073,  
-35.4887

■ 183.1140, 0.4368,  
-0.1000

■ 62.4530, 59.9227,  
-39.8623

■ 196.1270, -5.9786,  
4.2736

■ 49.7390, 66.1907,  
-43.6211

■ 209.7270,  
-12.6834, 8.1324

■ 223.0390,  
-19.2462, 13.1208

■ 236.3400,  
-25.8036, 16.3648

■ 243.9710,  
-29.5657, 9.6724

# Harmonies

## Analogous

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



119.3950, 30.8643, -52.9664



129.2900, 26.9720, -17.7943



133.5990, 18.4387, 12.6297

# Triad

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



129.2900, 26.9720, -17.7943



131.1550, -18.3174, 41.9601



118.6390, -2.7800, -41.7794

# Complementary

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



129.2900, 26.9720, -17.7943



163.7100, -26.9720, 17.7943

# 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.



124.0200, -17.2649, -15.8035



129.2900, 26.9720, -17.7943



129.5310, -25.4048, 28.4753

# Square

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



129.2900, 26.9720, -17.7943



132.5650, -6.6875, 45.1085



126.9970, -25.6345, 8.7726



108.9630, 15.7942, -72.7586



# Rectangle

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



129.2900, 26.9720, -17.7943



134.0480, 10.8223, 28.8989



126.9970, -25.6345, 8.7726



120.6140, -8.1907, -32.9875

# Sweetspot

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



129.2900, 26.9720, -17.7943



219.0020, 10.3520, -7.0178



159.2950, 2.3196, -44.1087



107.8730, 5.9786, -4.2736



247.0000, 0.0000, 0.0000



120.0000, 0.0000, 0.0000



# Same Dimension

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



129.2900, 26.9720, -17.7943



154.2360, 42.2817, -28.2710



122.9320, 30.1065, 3.5676



85.2000, 3.3524, -1.9294



41.8510, 56.2755, -36.7033



7.3010, 10.2046, -6.4030



# Inverse Universe

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



133.7050, -2.3196, 44.1087



160.9300, -3.4165, 69.3444



170.3670, -30.2539, -2.9529



85.9190, -0.4531, 5.3330



51.3180, -5.0868, 91.8061



9.1700, -1.0698, 16.5139



# Previews

## White Background



This preview shows how the YUV color 129.2900, 26.9720, -17.7943 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

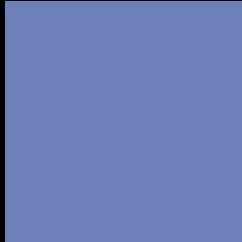
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 129.2900, 26.9720, -17.7943 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

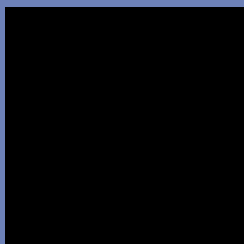
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

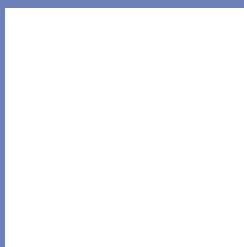
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# YUV 129.2900, 26.9720, -17.7943

## Background



This preview shows how black text looks on a background with the YUV color 129.2900, 26.9720, -17.7943.



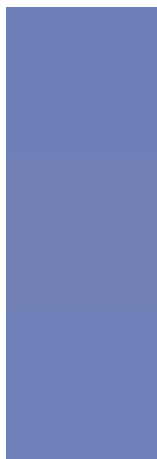
This preview shows how white text looks on a background with the YUV color 129.2900, 26.9720, -17.7943.



# 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

129.2900, 26.9720, -17.7943

### Protanopia

129.7850, 26.2350, -14.7204

### Deuteranopia

129.5890, 26.8246, -17.1796



## Tritanopia

126.1910, 10.2588, -23.8465

# Trichromacy



## Original Color

129.2900, 26.9720, -17.7943

## Protanomaly

129.4860, 26.3824, -15.3352

## Deuteranomaly

129.5890, 26.8246, -17.1796

## Tritanomaly

127.1080, 16.2158, -21.1427

# Monochromacy



## Original Color

129.2900, 26.9720, -17.7943

## Achromatopsia

129.0000, 0.0000, 0.0000

## Achromatomaly

129.1870, 9.7678, -6.3030

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 129.2900, 26.9720, -17.7943 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(109, 129, 184)` looks like.

```
.text, #text, p{  
    color:rgb(109, 129, 184)  
}
```

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(109, 129, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(109, 129, 184) }
```

## Border

The CSS property to change the border of an element to YUV 129.2900, 26.9720, -17.7943 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(109, 129, 184) }
```



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

```
.border{ border-color:rgb(109, 129, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(109, 129, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(109, 129, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(109, 129, 184);  
box-shadow:4px 4px 4px 4px rgb(109, 129,  
184) }
```

# Background

The CSS property to change the background color of an element to YUV 129.2900, 26.9720, -17.7943 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(109, 129, 184) }
```

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

```
.background{ background-color: rgb(109,  
129, 184) }
```

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