

# Converting Colors

YUV(119.0970, 19.6722,  
-9.7321)

Have a look what the booklet for  
YUV(119.0970, 19.6722, -9.7321)  
contains.

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# Color

**YUV(119.0970, 19.6722,  
-9.7321)**

# Conversions

## Conversions Part 1

Format	Color
Hex	6C759F
RGB	108, 117, 159
RGB Percent	42%, 46%, 62%
CMY	0.5765, 0.5412, 0.3765
CMYK	0.32, 0.26, 0.00, 0.38
HSL	229°, 21%, 52%
HSV	229°, 32%, 62%
XYZ	18.8036, 18.4139, 35.3641
YIQ	119.0970, -18.8460, 11.1540

# Conversions

## Conversions Part 2

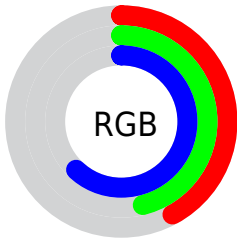
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	108, 116, 159
Decimal	7107999
CIE Lab	49.99, 6.88, -23.69
CIE LCh	50, 24.674, 286.202
Yxy	18.4139, 0.2591, 0.2537
Android (android.graphics.Color)	4285298079 (0xFF6C759F)
YUV	119.0970, 19.6722, -9.7321
Hunter-Lab	42.9115, 3.1230, -18.8239

# Details

The YUV color **119.0970, 19.6722, -9.7321** is a dark color, and the websafe version is hex **666699**. A complement of this color would be **147.9030, -19.6722, 9.7321**, and the grayscale version is **119.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **171.7380, 20.8352, -9.4172**, and **70.0430, 18.2198, -10.5617** is the 20% darker color. If you saturate the color by 10%, you get **106.6820, 25.7928, -12.8761**, and if you desaturate by 10%, it is **131.5120, 13.5516, -6.5880**.

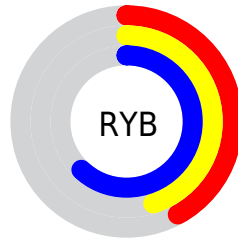
# Distribution



Red (42%)

Green (46%)

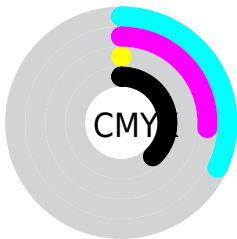
Blue (62%)



Red (42%)

Yellow (45%)

Blue (62%)

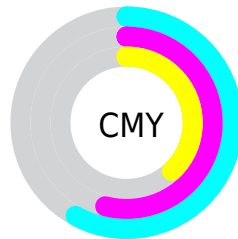


Cyan (32%)

Magenta (26%)

Yellow (0%)

Black (38%)



Cyan (58%)

Magenta (54%)

Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 119.0970, 19.6722, -9.7321 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 119.0970, 19.6722, -9.7321 by changing the saturation by 10% instead.



■ 119.0970, 19.6722,  
-9.7321

■ 119.0970, 19.6722,  
-9.7321

■ 255.0000, 0.0000,  
0.0000

■ 93.9830, 19.2354,  
-9.6321

■ 171.7380, 20.8352,  
-9.4172

■ 70.0430, 18.2198,  
-10.5617

■ 198.8520, 21.2720,  
-9.5172

■ 47.2170, 17.6410,  
-11.5913

■ 225.1420, 14.7200,  
-8.0175

■ 24.4940, 17.5045,  
-14.4652

■ 250.8360, 2.0529,  
-5.1182

■ 4.3320, 16.5983,  
-3.7992

■ 2.2970, 6.2626,  
-2.0145

■ 0.0000, 0.0000,

0.0000

■ 119.0970, 19.6722,  
-9.7321

■ 119.0970, 19.6722,  
-9.7321

■ 106.6820, 25.7928,  
-12.8761

■ 131.5120, 13.5516,  
-6.5880

■ 94.2670, 31.9134,  
-16.0202

■ 143.9270, 7.4310,  
-3.4440

■ 81.8520, 38.0340,  
-19.1642

■ 156.3420, 1.3104,  
-0.2999

■ 69.4370, 44.1546,  
-22.3082

■ 168.7570, -4.8102,  
2.8441

■ 57.3210, 50.1277,  
-24.8375

■ 180.8730,  
-10.7834, 5.3734

■ 44.3190, 56.5377,  
-27.4668

■ 193.8750,  
-17.1934, 8.0026

■ 34.5620, 61.3479,  
-30.3109

■ 206.2900,  
-23.3140, 11.1467

■ 218.7050,  
-29.4346, 14.2907

■ 231.1200,  
-35.5552, 17.4348

# Harmonies

## Analogous

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



113.6380, 22.3635, -33.0085



119.0970, 19.6722, -9.7321



122.1060, 12.7657, 12.1850

# Triad

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



119.0970, 19.6722, -9.7321



119.7130, -14.6485, 31.8237



110.4490, -1.2074, -32.8428

# Complementary

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



119.0970, 19.6722, -9.7321



147.9030, -19.6722, 9.7321

# 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.



113.9970, -12.3235, -14.0294



119.0970, 19.6722, -9.7321



118.2680, -19.8521, 20.8130

# Square

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



119.0970, 19.6722, -9.7321



120.9120, -6.3656, 35.1572



116.3970, -18.9297, 4.9138



106.6780, 11.4977, -47.9526



# Rectangle

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



119.0970, 19.6722, -9.7321



122.2770, 6.7654, 23.4361



116.3970, -18.9297, 4.9138



111.7550, -5.3022, -26.0951

# Sweetspot

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



119.0970, 19.6722, -9.7321



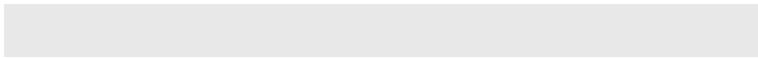
190.7420, 8.0152, -4.1587



142.7250, 3.5866, -30.4538



94.6560, 5.0996, -2.3293



232.0000, 0.0000, 0.0000



105.0000, 0.0000, 0.0000



# Same Dimension

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



119.0970, 19.6722, -9.7321



145.2240, 30.4556, -15.1054



118.5980, 19.9182, 4.7376



73.0860, 2.9156, -1.8294



30.9770, 55.2273, -27.1668



3.4710, 5.6838, -3.0441



# Inverse Universe

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



124.2750, -3.5866, 30.4538



153.2170, -5.5300, 47.1677



148.4020, -19.9182, -4.7376



73.6200, -0.3057, 4.7183



45.6070, -10.1593, 85.4137



4.8270, -0.9007, 8.9217



# Previews

## White Background



This preview shows how the YUV color 119.0970, 19.6722, -9.7321 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 119.0970, 19.6722, -9.7321 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

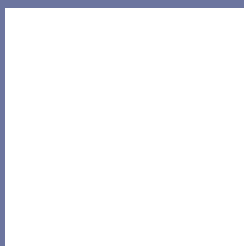
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# YUV 119.0970, 19.6722, -9.7321

## Background



This preview shows how black text looks on a background with the YUV color 119.0970, 19.6722, -9.7321.



This preview shows how white text looks on a background with the YUV color 119.0970, 19.6722, -9.7321.

-9.7321.

# 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

119.0970, 19.6722, -9.7321

### Protanopia

118.7980, 19.8196, -10.3468

### Deuteranopia

119.0970, 19.6722, -9.7321



## Tritanopia

117.1600, 7.3161, -13.2953

# Trichromacy



## Original Color

119.0970, 19.6722, -9.7321

## Protanomaly

118.7980, 19.8196, -10.3468

## Deuteranomaly

119.0970, 19.6722, -9.7321

## Tritanomaly

117.7240, 11.9681, -12.0359

# Monochromacy



## Original Color

119.0970, 19.6722, -9.7321

## Achromatopsia

119.0000, 0.0000, 0.0000

## Achromatomaly

118.9270, 7.4310, -3.4440

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 119.0970, 19.6722, -9.7321 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(108, 117, 159)` looks like.

```
.text, #text, p{  
    color:rgb(108, 117, 159)  
}
```

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(108, 117, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(108, 117, 159) }
```

## Border

The CSS property to change the border of an element to YUV 119.0970, 19.6722, -9.7321 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(108, 117, 159) }
```



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

```
.border{ border-color:rgb(108, 117, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(108, 117, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(108, 117, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(108, 117, 159);  
box-shadow:4px 4px 4px 4px rgb(108, 117,  
159) }
```

# Background

The CSS property to change the background color of an element to YUV 119.0970, 19.6722, -9.7321 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(108, 117, 159) }
```

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

```
.background{ background-color: rgb(108,  
117, 159) }
```

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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