

# Converting Colors

YUV(99.2700, 0.3599, -22.1618)

Have a look what the booklet for  
YUV(99.2700, 0.3599, -22.1618)  
contains.

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# Color

**YUV(99.2700, 0.3599,  
-22.1618)**

# Conversions

## Conversions Part 1

Format	Color
Hex	4A7064
RGB	74, 112, 100
RGB Percent	29%, 44%, 39%
CMY	0.7098, 0.5608, 0.6078
CMYK	0.34, 0.00, 0.11, 0.56
HSL	161°, 20%, 36%
HSV	161°, 34%, 44%
XYZ	10.9185, 13.9643, 14.1765
YIQ	99.2700, -18.7960, -11.7880

# Conversions

## Conversions Part 2

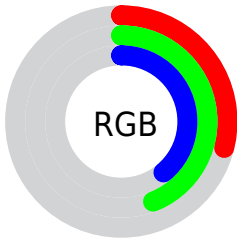
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	74, 97, 112
Decimal	4878436
CIE <sub>Lab</sub>	44.18, -16.35, 2.39
CIE <sub>LCh</sub>	44, 16.520, 171.668
Yxy	13.9643, 0.2795, 0.3575
Android (android.graphics.Color)	4283068516 (0xFF4A7064)
YUV	99.2700, 0.3599, -22.1618
Hunter-Lab	37.3688, -13.2411, 3.6655

# Details

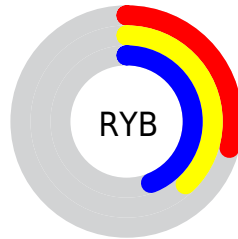
The YUV color **99.2700, 0.3599, -22.1618** is a dark color, and the websafe version is hex **336666**. A complement of this color would be **86.7300, -0.3599, 22.1618**, and the grayscale version is **99.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **150.5580, 0.2179, -23.2914**, and **51.6830, 0.6493, -21.6470** is the 20% darker color. If you saturate the color by 10%, you get **95.5250, 0.2342, -28.5244**, and if you desaturate by 10%, it is **103.0150, 0.4856, -15.7992**.

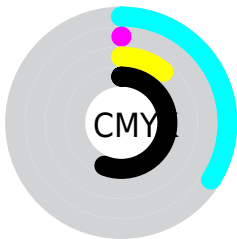
# Distribution



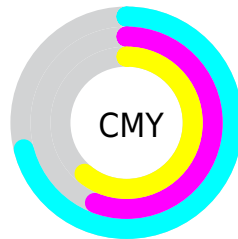
- Red (29%)
- Green (44%)
- Blue (39%)



- Red (29%)
- Yellow (38%)
- Blue (44%)



- Cyan (34%)
- Magenta (0%)
- Yellow (11%)
- Black (56%)



- Cyan (71%)
- Magenta (56%)
- Yellow (61%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 99.2700, 0.3599, -22.1618 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 99.2700, 0.3599, -22.1618 by changing the saturation by 10% instead.



■ 99.2700, 0.3599,  
-22.1618

■ 99.2700, 0.3599,  
-22.1618

■ 255.0000, 0.0000,  
0.0000

■ 74.6830, 0.6493,  
-21.6470

■ 150.5580, 0.2179,  
-23.2914

■ 51.6830, 0.6493,  
-21.6470

■ 177.1450, -0.0715,  
-23.8062

■ 29.1990, 1.3809,  
-22.9765

■ 204.8460, 0.0759,  
-24.4209

■ 14.5270, -2.7248,  
-12.7402

■ 232.8460, 0.0759,  
-24.4209

■ 0.0000, 0.0000,  
0.0000

■ 248.4220, 3.2430,  
-13.5251

■ 99.2700, 0.3599,  
-22.1618

■ 99.2700, 0.3599,  
-22.1618

■ 95.5250, 0.2342,  
-28.5244

■ 103.0150, 0.4856,  
-15.7992

■ 91.8940, 0.5453,  
-34.9870

■ 106.6460, 0.1745,  
-9.3365

■ 87.8500, 0.5670,  
-41.9644

■ 110.6900, 0.1528,  
-2.3591

■ 84.2190, 0.8780,  
-48.4271

■ 114.3210, -0.1583,  
4.1035

■ 80.4740, 0.7523,  
-54.7897

■ 118.0660, -0.0325,  
10.4661

■ 76.8430, 1.0634,  
-61.2523

■ 121.6970, -0.3436,  
16.9287

■ 74.5220, 1.2217,  
-65.3558

■ 125.4420, -0.2179,  
23.2914

■ 129.3720, -0.6764,

30.3688

■ 133.1170, -0.5507,  
36.7314

# Harmonies

## Analogous

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



100.8000, -6.8034, -11.2256



99.2700, 0.3599, -22.1618



98.1750, 7.8017, -29.0945

# Triad

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



99.2700, 0.3599, -22.1618



105.1920, 12.2303, -2.7994



105.2600, -10.9742, 19.9430

# Complementary

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



99.2700, 0.3599, -22.1618



86.7300, -0.3599, 22.1618

# 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.



106.3620, -5.6015, 23.3615



99.2700, 0.3599, -22.1618



106.7160, 7.5350, 9.8961

# Square

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



99.2700, 0.3599, -22.1618



102.5600, 14.0209, -17.1541



106.7620, 1.1033, 19.5027



104.0480, -12.8417, 12.2359



# Rectangle

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



99.2700, 0.3599, -22.1618



98.7990, 11.4381, -28.7647



106.7620, 1.1033, 19.5027



106.0260, -9.3798, 21.9022

# Sweetspot

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



99.2700, 0.3599, -22.1618



140.3580, 0.3165, -8.2070



99.8940, -12.7657, -12.1850



70.9670, 0.0163, -5.2331



201.0000, 0.0000, 0.0000



74.0000, 0.0000, 0.0000



# Same Dimension

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



99.2700, 0.3599, -22.1618



125.3070, 0.8346, -34.4722



96.5290, 7.6272, -19.7579



53.9780, 0.0108, -3.4887



79.7880, 1.0905, -69.9741



164.2550, 2.3393, -144.0516



# Inverse Universe

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



86.7300, -0.3599, 22.1618



105.8070, -0.3979, 34.3723



89.4710, -7.6272, 19.7579



52.0220, -0.0108, 3.4887



40.2120, -1.0905, 69.9741



82.7450, -2.3393, 144.0516



# Previews

## White Background



This preview shows how the YUV color 99.2700, 0.3599, -22.1618 looks on a white 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



# Black Background



This preview shows how the YUV color 99.2700, 0.3599, -22.1618 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

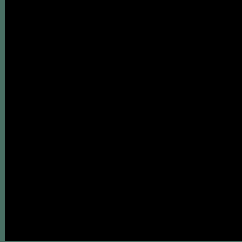
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

**YUV 99.2700, 0.3599, -22.1618**

## **Background**



This preview shows how black text looks on a background with the YUV color 99.2700, 0.3599, -22.1618.



This preview shows how white text looks on a background with the YUV color 99.2700, 0.3599, -22.1618.

-22.1618.

# 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

99.2700, 0.3599, -22.1618

### Protanopia

104.2840, -4.0840, 3.2589

### Deuteranopia

105.3000, -1.6269, 8.5069



## Tritanopia

100.7570, 8.5008, -19.9579

# Trichromacy



## Original Color

99.2700, 0.3599, -22.1618

## Protanomaly

102.5710, -2.7465, -5.7628

## Deuteranomaly

103.0490, -1.0102, -2.6740

## Tritanomaly

100.2470, 5.3012, -20.3876

# Monochromacy



## Original Color

99.2700, 0.3599, -22.1618

## Achromatopsia

99.0000, 0.0000, 0.0000

## Achromatomaly

99.2440, -0.1203, -8.1070

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 99.2700, 0.3599, -22.1618 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(74, 112, 100)` looks like.

```
.text, #text, p{  
    color:rgb(74, 112, 100)  
}
```

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(74, 112, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(74, 112, 100) }
```

## Border

The CSS property to change the border of an element to YUV 99.2700, 0.3599, -22.1618 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(74, 112, 100) }
```



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

```
.border{ border-color:rgb(74, 112, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(74, 112, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(74, 112, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(74, 112, 100);  
box-shadow:4px 4px 4px 4px rgb(74, 112,  
100) }
```

# Background

The CSS property to change the background color of an element to YUV 99.2700, 0.3599, -22.1618 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(74, 112, 100) }
```

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

```
.background{ background-color: rgb(74, 112,  
100) }
```

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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