

# Converting Colors

YUV(71.4720, 17.5153,  
-17.9539)

Have a look what the booklet for  
YUV(71.4720, 17.5153, -17.9539)  
contains.

<b>YUV(71.4720, 17.5153, -17.9539)</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(71.4720, 17.5153,  
-17.9539)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	334B6B
RGB	51, 75, 107
RGB Percent	20%, 29%, 42%
CMY	0.8000, 0.7059, 0.5804
CMYK	0.52, 0.30, 0.00, 0.58
HSL	214°, 35%, 31%
HSV	214°, 52%, 42%
XYZ	6.5352, 6.7975, 14.8775
YIQ	71.4720, -24.5760, 4.8640

# Conversions

## Conversions Part 2

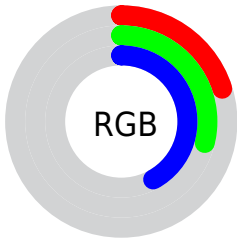
<b>Format</b>	<b>Color</b>
<b>RYB</b>	51, 68, 107
Decimal	3361643
CIELab	31.34, 0.78, -21.39
CIElCh	31, 21.403, 272.088
Yxy	6.7975, 0.2317, 0.2410
Android (android.graphics.Color)	4281551723 (0xFF334B6B)
YUV	71.4720, 17.5153, -17.9539
Hunter-Lab	26.0720, -0.8836, -15.5824

# Details

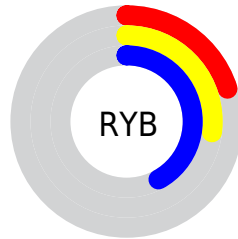
The YUV color **71.4720, 17.5153, -17.9539** is a dark color, and the websafe version is hex **336699**. A complement of this color would be **86.5280, -17.5153, 17.9539**, and the grayscale version is **71.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **121.1130, 18.6783, -17.6391**, and **25.5100, 16.5106, -22.3723** is the 20% darker color. If you saturate the color by 10%, you get **64.6610, 20.8731, -21.6277**, and if you desaturate by 10%, it is **78.2830, 14.1575, -14.2802**.

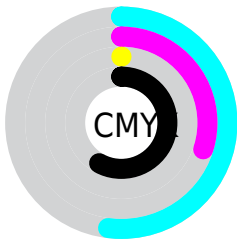
# Distribution



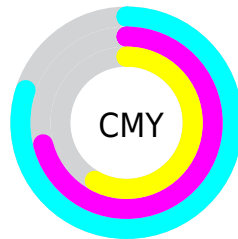
- Red (20%)
- Green (29%)
- Blue (42%)



- Red (20%)
- Yellow (27%)
- Blue (42%)



- Cyan (52%)
- Magenta (30%)
- Yellow (0%)
- Black (58%)



- Cyan (80%)
- Magenta (71%)
- Yellow (58%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 71.4720, 17.5153, -17.9539 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 71.4720, 17.5153, -17.9539 by changing the saturation by 10% instead.



■ 71.4720, 17.5153,  
-17.9539

■ 71.4720, 17.5153,  
-17.9539

■ 255.0000, 0.0000,  
0.0000

■ 48.3470, 17.0839,  
-19.5983

■ 121.1130, 18.6783,  
-17.6391

■ 25.5100, 16.5106,  
-22.3723

■ 146.6400, 19.4045,  
-17.2243

■ 8.4410, 14.5726,  
-7.4028

■ 173.6400, 19.4045,  
-17.2243

■ 2.2970, 6.2626,  
-2.0145

■ 200.8680, 20.2781,  
-17.4242

■ 0.0000, 0.0000,  
0.0000

■ 227.1580, 13.7261,  
-15.9246

■ 249.9170, 2.5059,

-10.4512

■ 71.4720, 17.5153,  
-17.9539

■ 71.4720, 17.5153,  
-17.9539

■ 64.6610, 20.8731,  
-21.6277

■ 78.2830, 14.1575,  
-14.2802

■ 58.1490, 24.0835,  
-24.6867

■ 84.7950, 10.9471,  
-11.2212

■ 51.3380, 27.4414,  
-28.3604

■ 91.6060, 7.5892,  
-7.5475

■ 44.5270, 30.7992,  
-32.0342

■ 98.4170, 4.2314,  
-3.8737

■ 39.2000, 33.4254,  
-34.3784

■ 105.8150, 0.5842,  
-0.7148

■ 112.3270, -2.6262,  
2.3442

■ 119.1380, -5.9840,  
6.0180

■ 125.9490, -9.3419,  
9.6917

■ 132.4610,  
-12.5523, 12.7507

# Harmonies

## Analogous

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



64.3830, 19.0382, -39.8009



71.4720, 17.5153, -17.9539



75.1540, 13.2351, 1.6189

# Triad

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



71.4720, 17.5153, -17.9539



74.2870, -8.5225, 26.9353



67.9130, -4.8871, -19.2177

# Complementary

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



71.4720, 17.5153, -17.9539



86.5280, -17.5153, 17.9539

# 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.



70.6500, -12.6454, -4.0780



71.4720, 17.5153, -17.9539



73.4620, -14.0318, 20.6428

# Square

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



71.4720, 17.5153, -17.9539



75.5240, -1.2443, 25.8505



72.5270, -16.0358, 10.0618



63.4360, 5.2081, -37.2164



# Rectangle

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



71.4720, 17.5153, -17.9539



76.0800, 8.8346, 13.0848



72.5270, -16.0358, 10.0618



68.8490, -7.8136, -13.8996

# Sweetspot

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



71.4720, 17.5153, -17.9539



125.7910, 7.0050, -6.8327



87.5200, -2.2284, -32.0280



63.0040, 3.9420, -4.3885



199.0000, 0.0000, 0.0000



71.0000, 0.0000, 0.0000



# Same Dimension

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



71.4720, 17.5153, -17.9539



84.3380, 27.4414, -28.3604



58.5800, 23.8711, -3.1397



49.8580, 2.0420, -1.6295



42.6880, 36.6358, -37.4374



89.5650, 76.6295, -78.5485



# Inverse Universe

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



70.4800, 2.2284, 32.0280



82.6440, 3.6265, 50.3012



99.4200, -23.8711, 3.1397



50.0220, -0.0108, 3.4887



40.6830, 4.5933, 66.9300

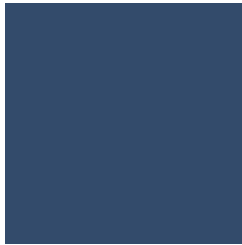


85.2250, 9.7491, 140.1227



# Previews

## White Background



This preview shows how the YUV color 71.4720, 17.5153, -17.9539 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 ✓ Pass



# Black Background



This preview shows how the YUV color 71.4720, 17.5153, -17.9539 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

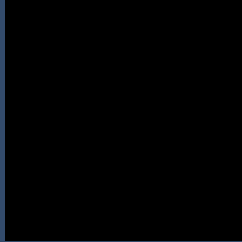
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

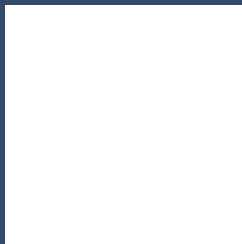
If you want to check with other color combinations, try the [Color Contrast Checker](#).

# YUV 71.4720, 17.5153, -17.9539

## Background



This preview shows how black text looks on a background with the YUV color 71.4720, 17.5153, -17.9539.



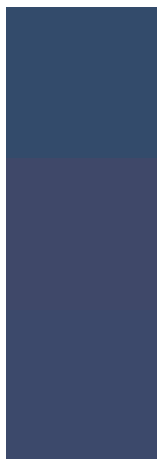
This preview shows how white text looks on a background with the YUV color 71.4720, 17.5153,



# 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

71.4720, 17.5153, -17.9539

### Protanopia

73.0710, 15.7410, -8.8323

### Deuteranopia

72.9890, 16.7674, -11.3914



## Tritanopia

69.3330, 8.2168, -22.2170

# Trichromacy



## Original Color

71.4720, 17.5153, -17.9539

## Protanomaly

72.5760, 16.4780, -11.9062

## Deuteranomaly

72.6790, 16.9203, -13.7505

## Tritanomaly

70.5550, 11.5584, -20.6577

# Monochromacy



## Original Color

71.4720, 17.5153, -17.9539

## Achromatopsia

71.0000, 0.0000, 0.0000

## Achromatomaly

70.9760, 6.4208, -6.1180

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 71.4720, 17.5153, -17.9539 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(51, 75, 107)` looks like.

```
.text, #text, p{  
    color:rgb(51, 75, 107)  
}
```

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(51, 75, 107) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(51, 75, 107) }
```

## Border

The CSS property to change the border of an element to YUV 71.4720, 17.5153, -17.9539 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(51, 75, 107) }
```



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

```
.border{ border-color:rgb(51, 75, 107) }
```

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

Here you see how a box with a 4 pixel `rgb(51, 75, 107)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(51, 75, 107); -webkit-box-  
shadow:4px 4px 4px 4px rgb(51, 75, 107);  
box-shadow:4px 4px 4px 4px rgb(51, 75,  
107) }
```

# Background

The CSS property to change the background color of an element to YUV 71.4720, 17.5153, -17.9539 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(51, 75, 107) }
```

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

```
.background{ background-color: rgb(51, 75,  
107) }
```

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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