

# Converting Colors

YUV(119.3520, -7.0755,  
29.5093)

Have a look what the booklet for  
YUV(119.3520, -7.0755, 29.5093)  
contains.

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# Color

**YUV(119.3520, -7.0755,  
29.5093)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	996969
RGB	153, 105, 105
RGB Percent	60%, 41%, 41%
CMY	0.4000, 0.5882, 0.5882
CMYK	0.00, 0.31, 0.31, 0.40
HSL	0°, 19%, 51%
HSV	0°, 31%, 60%
XYZ	20.7382, 17.8954, 15.7257
YIQ	119.3520, 28.6080, 10.1760

# Conversions

## Conversions Part 2

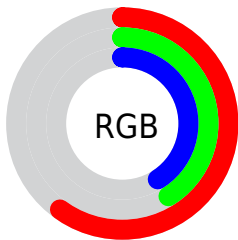
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	153, 105, 105
Decimal	10053993
CIE <sub>Lab</sub>	49.37, 19.25, 7.77
CIE <sub>LCh</sub>	49, 20.757, 21.988
Yxy	17.8954, 0.3815, 0.3292
Android (android.graphics.Color)	4288244073 (0xFF996969)
YUV	119.3520, -7.0755, 29.5093
Hunter-Lab	42.3029, 13.4763, 7.5715

# Details

The YUV color **119.3520, -7.0755, 29.5093** is a dark color, and the websafe version is hex **996666**. A complement of this color would be **138.6480, 7.0755, -29.5093**, and the grayscale version is **119.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **172.1350, -7.9546, 31.4536**, and **69.9710, -5.9017, 26.3354** is the 20% darker color. If you saturate the color by 10%, you get **108.8370, -9.2866, 38.7310**, and if you desaturate by 10%, it is **129.8670, -4.8644, 20.2876**.

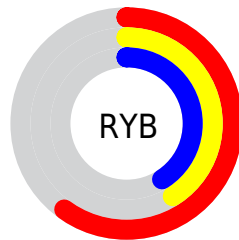
# Distribution



Red (60%)

Green (41%)

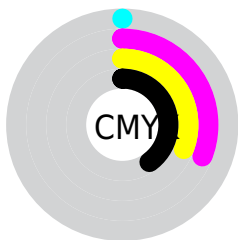
Blue (41%)



Red (60%)

Yellow (41%)

Blue (41%)

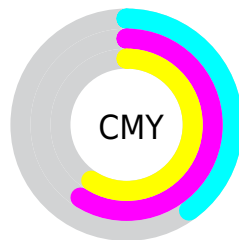


Cyan (0%)

Magenta (31%)

Yellow (31%)

Black (40%)



Cyan (40%)

Magenta (59%)

Yellow (59%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 119.3520, -7.0755, 29.5093 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 119.3520, -7.0755, 29.5093 by changing the saturation by 10% instead.





 119.3520, -7.0755,  
29.5093


 119.3520, -7.0755,  
29.5093

255.0000, 0.0000,  
0.0000


 94.4550, -6.6333,  
27.6650

 172.1350, -7.9546,  
31.4536


 69.9710, -5.9017,  
26.3354


 199.7330, -8.2494,  
32.6832


 47.0740, -5.4595,  
24.4911

 224.1560, -6.4859,  
27.0502

 24.5900, -4.7279,  
23.1616

 244.3710, -2.6479,  
9.3216

 9.0840, -3.9854,  
18.3433

 0.0000, 0.0000,  
0.0000

■ 119.3520, -7.0755,  
29.5093

■ 119.3520, -7.0755,  
29.5093

■ 108.8370, -9.2866,  
38.7310

■ 129.8670, -4.8644,  
20.2876

■ 97.6210, -11.6452,  
48.5674

■ 141.0830, -2.5059,  
10.4512

■ 87.1060, -13.8563,  
57.7890

■ 151.5980, -0.2948,  
1.2296

■ 76.5910, -16.0674,  
67.0107

■ 162.1130, 1.9163,  
-7.9921

■ 66.0760, -18.2785,  
76.2323

■ 173.3290, 4.2748,  
-17.8285

■ 54.8600, -20.6370,  
86.0688

■ 183.8440, 6.4859,  
-27.0502

■ 45.7470, -22.5533,  
94.0609

■ 194.3590, 8.6970,  
-36.2718

■ 204.8740, 10.9081,

-45.4935

■ 216.0900, 13.2666,  
-55.3299

# Harmonies

## Analogous

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



120.2080, 1.3765, 25.2506



119.3520, -7.0755, 29.5093



118.1960, -13.9006, 25.2611

# Triad

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



119.3520, -7.0755, 29.5093



112.9090, -8.8291, -14.8292



114.0800, 18.6946, -22.8722

# Complementary

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



119.3520, -7.0755, 29.5093



138.6480, 7.0755, -29.5093

# 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.



110.1230, 16.7014, -36.9419



119.3520, -7.0755, 29.5093



110.3400, 0.8184, -29.2392

# Square

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



119.3520, -7.0755, 29.5093



114.9990, -15.2825, 1.7549



108.5050, 10.5970, -39.0309



118.1040, 15.7247, -3.5992



# Rectangle

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



119.3520, -7.0755, 29.5093



117.4680, -16.4997, 18.8836



108.5050, 10.5970, -39.0309



112.9330, 18.2740, -28.0052

# Sweetspot

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



119.3520, -7.0755, 29.5093



186.3820, -2.6533, 11.0660



124.8240, 13.8908, 24.7104



91.9900, -1.4741, 6.1478



227.0000, 0.0000, 0.0000



99.0000, 0.0000, 0.0000



# Same Dimension

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



119.3520, -7.0755, 29.5093



145.7240, -11.2029, 46.7231



133.4400, -14.0209, 17.1541



71.3920, -1.1793, 4.9182



41.8600, -20.6370, 86.0688



3.8870, -1.9163, 7.9921



# Inverse Universe

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



138.6480, 7.0755, -29.5093



176.2760, 11.2029, -46.7231



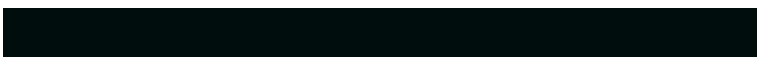
124.5600, 14.0209, -17.1541



74.6080, 1.1793, -4.9182



98.1400, 20.6370, -86.0688



9.1130, 1.9163, -7.9921



# Previews

## White Background



This preview shows how the YUV color 119.3520, -7.0755, 29.5093 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 119.3520, -7.0755, 29.5093 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

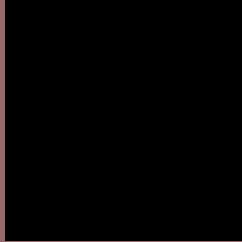
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YUV 119.3520, -7.0755, 29.5093

## Background



This preview shows how black text looks on a background with the YUV color 119.3520, -7.0755, 29.5093.



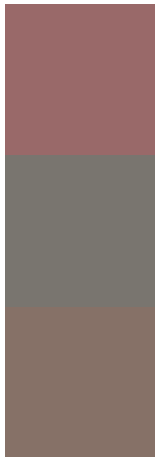
This preview shows how white text looks on a background with the YUV color 119.3520, -7.0755,



# 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

119.3520, -7.0755, 29.5093

### Protanopia

117.5120, -3.2104, 3.0590

### Deuteranopia

118.1390, -7.4635, 13.9101



## Tritanopia

119.8620, -3.8760, 29.9390

# Trichromacy



## Original Color

119.3520, -7.0755, 29.5093

## Protanomaly

118.5240, -4.6953, 12.6955

## Deuteranomaly

118.5850, -7.1904, 19.6580

## Tritanomaly

119.5200, -5.1864, 30.2390

# Monochromacy



## Original Color

119.3520, -7.0755, 29.5093

## Achromatopsia

119.0000, 0.0000, 0.0000

## Achromatomaly

119.0830, -2.5059, 10.4512

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 119.3520, -7.0755, 29.5093 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(153, 105, 105)` looks like.

```
.text, #text, p{  
    color:rgb(153, 105, 105)  
}
```

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(153, 105, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 105, 105) }
```

## Border

The CSS property to change the border of an element to YUV 119.3520, -7.0755, 29.5093 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(153, 105, 105) }
```



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

```
.border{ border-color:rgb(153, 105, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 105, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 105, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 105, 105);  
box-shadow:4px 4px 4px 4px rgb(153, 105,  
105) }
```

# Background

The CSS property to change the background color of an element to YUV 119.3520, -7.0755, 29.5093 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 105, 105) }
```

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

```
.background{ background-color: rgb(153,  
105, 105) }
```

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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