

# Converting Colors

YUV(160.2920, 7.2510, 7.6369)

Have a look what the booklet for  
YUV(160.2920, 7.2510, 7.6369)  
contains.

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# Color

**YUV(160.2920, 7.2510,  
7.6369)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A999AF
RGB	169, 153, 175
RGB Percent	66%, 60%, 69%
CMY	0.3373, 0.4000, 0.3137
CMYK	0.03, 0.13, 0.00, 0.31
HSL	284°, 12%, 64%
HSV	284°, 13%, 69%
XYZ	35.4913, 34.3126, 45.3098
YIQ	160.2920, 2.4740, 10.2340

# Conversions

## Conversions Part 2

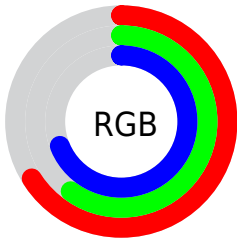
<b>Format</b>	<b>Color</b>
<b>RYB</b>	169, 153, 175
Decimal	11114927
CIELab	65.21, 10.01, -9.30
CIElCh	65, 13.662, 317.104
Yxy	34.3126, 0.3083, 0.2981
Android (android.graphics.Color)	4289305007 (0xFFA999AF)
YUV	160.2920, 7.2510, 7.6369
Hunter-Lab	58.5770, 5.6419, -4.8575

# Details

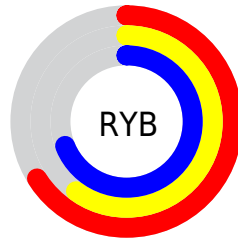
The YUV color **160.2920, 7.2510, 7.6369** is a light color, and the websafe version is hex **999999**. A complement of this color would be **167.7080, -7.2510, -7.6369**, and the grayscale version is **160.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **214.8190, 7.9772, 8.0517**, and **108.8790, 6.9617, 7.1221** is the 20% darker color. If you saturate the color by 10%, you get **148.8180, 12.9077, 13.3146**, and if you desaturate by 10%, it is **172.3530, 1.3050, 1.4444**.

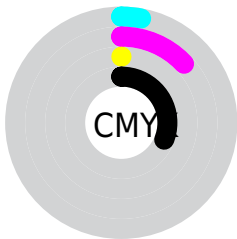
# Distribution



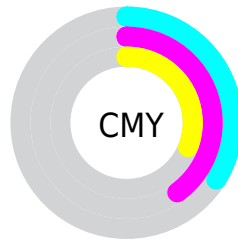
- Red (66%)
- Green (60%)
- Blue (69%)



- Red (66%)
- Yellow (60%)
- Blue (69%)



- Cyan (3%)
- Magenta (13%)
- Yellow (0%)
- Black (31%)



- Cyan (34%)
- Magenta (40%)
- Yellow (31%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 160.2920, 7.2510, 7.6369 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 160.2920, 7.2510, 7.6369 by changing the saturation by 10% instead.



■ 160.2920, 7.2510,  
7.6369

■ 160.2920, 7.2510,  
7.6369

255.0000, 0.0000,  
0.0000

■ 134.1780, 6.8142,  
7.7369

■ 214.8190, 7.9772,  
8.0517

■ 108.8790, 6.9617,  
7.1221

■ 243.2490, 5.7932,  
8.5516

■ 84.4660, 6.6723,  
6.6073

■ 61.3520, 6.2355,  
6.7073

■ 39.5260, 5.6567,  
5.6777

■ 18.2380, 5.7987,  
6.8073

■ 0.3420, 1.3104,

-0.2999

0.0000, 0.0000,  
0.0000

160.2920, 7.2510,  
7.6369

160.2920, 7.2510,  
7.6369

148.8180, 12.9077,  
13.3146

172.3530, 1.3050,  
1.4444

136.7570, 18.8538,  
19.5071

183.8270, -4.3517,  
-4.2333

125.5820, 24.3631,  
25.7996

195.0020, -9.8610,  
-10.5258

113.5210, 30.3091,  
31.9921

207.0630,  
-15.8071, -16.7183

102.0470, 35.9658,  
37.6698

218.5370,  
-21.4637, -22.3959

89.9860, 41.9119,  
43.8623

228.8370,  
-26.5416, -27.0440

78.2240, 47.7106,  
50.6696

230.0330,  
-27.1313, -24.5849

66.7500, 53.3672,  
56.3473

231.5280,  
-27.8683, -21.5111

57.9230, 57.7190,  
60.5805

233.0230,  
-28.6053, -18.4372

# Harmonies

## Analogous

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



158.8390, 10.9254, -4.2438



160.2920, 7.2510, 7.6369



160.5660, 1.6930, 17.0436

# Triad

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



160.2920, 7.2510, 7.6369



158.6890, -11.6787, 12.5507



153.6380, 5.6015, -23.3615

# Complementary

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



160.2920, 7.2510, 7.6369



167.7080, -7.2510, -7.6369

# 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.



154.2490, -1.1088, -17.7584



160.2920, 7.2510, 7.6369



157.4490, -11.0674, 3.1142

# Square

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



160.2920, 7.2510, 7.6369



159.7160, -9.2270, 19.5431



155.7080, -7.2510, -7.6369



154.9030, 10.4008, -22.7169



# Rectangle

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



160.2920, 7.2510, 7.6369



160.8500, -2.3910, 20.3026



155.7080, -7.2510, -7.6369



154.3670, 3.2701, -22.2469

# Sweetspot

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



160.2920, 7.2510, 7.6369



220.8200, 3.0467, 2.7889



159.0300, 7.8732, -5.2883



110.8800, 2.0312, 1.8592



242.0000, 0.0000, 0.0000



115.0000, 0.0000, 0.0000



# Same Dimension

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



160.2920, 7.2510, 7.6369



204.3510, 11.1660, 11.9702



161.5160, 4.1826, 11.8255



80.8200, 3.0467, 2.7889



49.6910, 49.4523, 52.0140



7.7050, 7.5404, 8.1517



# Inverse Universe

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



160.2620, -0.6222, 12.9252



204.1920, -1.0807, 20.0026



166.4840, -4.1826, -11.8255



80.9190, -0.4531, 5.3330



49.5240, -4.2023, 88.1175

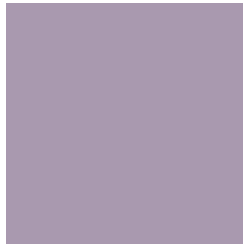


7.5610, -0.7696, 13.5400



# Previews

## White Background



This preview shows how the YUV color 160.2920, 7.2510, 7.6369 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

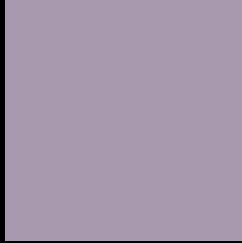
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 160.2920, 7.2510, 7.6369 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

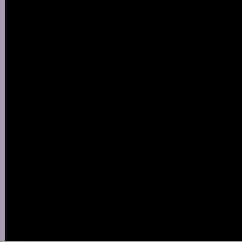
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

# YUV 160.2920, 7.2510, 7.6369

## Background



This preview shows how black text looks on a background with the YUV color 160.2920, 7.2510, 7.6369.



This preview shows how white text looks on a background with the YUV color 160.2920, 7.2510,



# 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

160.2920, 7.2510, 7.6369

### Protanopia

158.7960, 9.4676, -3.3291

### Deuteranopia

159.9820, 7.4039, 5.2778



## Tritanopia

159.6680, 3.6147, 7.3072

# Trichromacy



## Original Color

160.2920, 7.2510, 7.6369

## Protanomaly

159.5900, 8.5831, 0.3596

## Deuteranomaly

160.2810, 7.2565, 5.8926

## Tritanomaly

160.0100, 4.9251, 7.0072

# Monochromacy



## Original Color

160.2920, 7.2510, 7.6369

## Achromatopsia

160.0000, 0.0000, 0.0000

## Achromatomaly

159.7060, 2.6099, 2.8888

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 160.2920, 7.2510, 7.6369 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(169, 153, 175)` looks like.

```
.text, #text, p{  
    color:rgb(169, 153, 175)  
}
```

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(169, 153, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 153, 175) }
```

## Border

The CSS property to change the border of an element to YUV 160.2920, 7.2510, 7.6369 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(169, 153, 175) }
```



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

```
.border{ border-color:rgb(169, 153, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 153, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 153, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 153, 175);  
box-shadow:4px 4px 4px 4px rgb(169, 153,  
175) }
```

# Background

The CSS property to change the background color of an element to YUV 160.2920, 7.2510, 7.6369 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 153, 175) }
```

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

```
.background{ background-color: rgb(169,  
153, 175) }
```

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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