

# Converting Colors

YUV(140.5420, 8.1138, 10.9257)

Have a look what the booklet for  
YUV(140.5420, 8.1138, 10.9257)  
contains.

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# Color

**YUV(140.5420, 8.1138,  
10.9257)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	99839D
RGB	153, 131, 157
RGB Percent	60%, 51%, 62%
CMY	0.4000, 0.4863, 0.3843
CMYK	0.03, 0.17, 0.00, 0.38
HSL	291°, 12%, 56%
HSV	291°, 17%, 62%
XYZ	27.3390, 25.4392, 35.3676
YIQ	140.5420, 4.7660, 12.7500

# Conversions

## Conversions Part 2

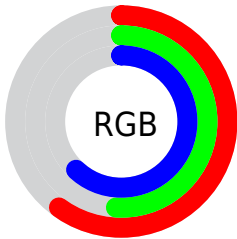
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	153, 131, 157
Decimal	10060701
CIE Lab	57.50, 13.24, -10.76
CIE LCh	58, 17.058, 320.909
Yxy	25.4392, 0.3102, 0.2886
Android (android.graphics.Color)	4288250781 (0xFF99839D)
YUV	140.5420, 8.1138, 10.9257
Hunter-Lab	50.4373, 8.4886, -6.2692

# Details

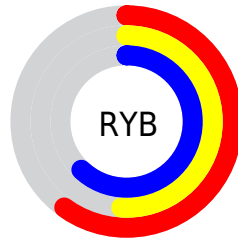
The YUV color  $140.5420, 8.1138, 10.9257$  is a dark color, and the websafe version is hex  $9999CC$ . A complement of this color would be  $147.4580, -8.1138, -10.9257$ , and the grayscale version is  $140.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $194.0690, 8.8400, 11.3405$ , and  $90.7160, 7.5350, 9.8961$  is the 20% darker color. If you saturate the color by 10%, you get  $130.5520, 13.0389, 17.9329$ , and if you desaturate by 10%, it is  $150.5320, 3.1887, 3.9184$ .

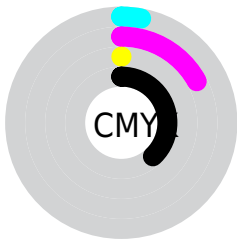
# Distribution



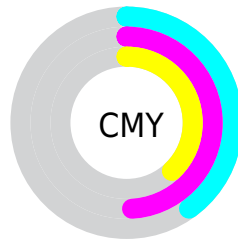
- Red (60%)
- Green (51%)
- Blue (62%)



- Red (60%)
- Yellow (51%)
- Blue (62%)



- Cyan (3%)
- Magenta (17%)
- Yellow (0%)
- Black (38%)



- Cyan (40%)
- Magenta (49%)
- Yellow (38%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 140.5420, 8.1138, 10.9257 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 140.5420, 8.1138, 10.9257 by changing the saturation by 10% instead.



■ 140.5420, 8.1138,  
10.9257

■ 140.5420, 8.1138,  
10.9257

■ 255.0000, 0.0000,  
0.0000

■ 115.1290, 7.8244,  
10.4109

■ 194.0690, 8.8400,  
11.3405

■ 90.7160, 7.5350,  
9.8961

■ 222.3680, 8.6926,  
11.9553

■ 66.7160, 7.5350,  
9.8961

■ 246.1950, 4.3409,  
7.7220

■ 44.7760, 6.5194,  
8.9664

■ 23.4770, 6.6668,  
8.3517

■ 1.7100, 6.5520,  
-1.4997

■ 0.0000, 0.0000,

0.0000

140.5420, 8.1138,  
10.9257

140.5420, 8.1138,  
10.9257

130.5520, 13.0389,  
17.9329

150.5320, 3.1887,  
3.9184

120.8500, 17.8220,  
23.8106

160.2340, -1.5944,  
-1.9592

110.8600, 22.7470,  
30.8178

170.2240, -6.5194,  
-8.9664

100.5710, 27.8195,  
37.2102

180.5130,  
-11.5919, -15.3589

90.5810, 32.7446,  
44.2175

190.5030,  
-16.5170, -22.3661

81.1780, 37.3802,  
50.7099

199.9060,  
-21.1527, -28.8586

70.8890, 42.4527,  
57.1023

210.1950,  
-26.2251, -35.2510

60.8990, 47.3778,  
64.1096

219.0110,  
-30.5714, -41.2286

57.6650, 48.9722,  
66.0688

219.9080,  
-31.0136, -39.3843

# Harmonies

## Analogous

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



139.1210, 13.2513, -3.6141



140.5420, 8.1138, 10.9257



140.7730, 1.0979, 21.2471

# Triad

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



140.5420, 8.1138, 10.9257



138.3040, -14.4469, 13.7654



132.4630, 7.6597, -30.2241

# Complementary

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



140.5420, 8.1138, 10.9257



147.4580, -8.1138, -10.9257

# 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.



132.5580, 0.2179, -23.2914



140.5420, 8.1138, 10.9257



135.9820, -12.8091, 1.7698

# Square

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



140.5420, 8.1138, 10.9257



139.4560, -11.5638, 22.4021



134.2730, -7.5296, -11.6404



133.6680, 13.4747, -28.6498



# Rectangle

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



140.5420, 8.1138, 10.9257



140.8290, -3.8597, 24.7060



134.2730, -7.5296, -11.6404



132.1920, 5.3283, -29.1094

# Sweetspot

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



140.5420, 8.1138, 10.9257



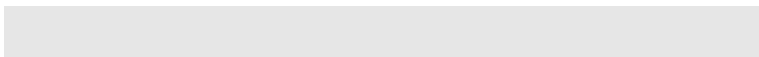
197.5320, 3.1887, 3.9184



136.3120, 10.1992, -4.6586



98.1790, 1.8838, 2.4740



230.0000, 0.0000, 0.0000



102.0000, 0.0000, 0.0000



# Same Dimension

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



140.5420, 8.1138, 10.9257



178.1390, 12.7495, 17.4181



140.7120, 3.5930, 14.2846



74.0050, 2.4625, 3.5036



52.4810, 44.6259, 60.0912



5.5970, 4.6357, 6.4924



# Inverse Universe

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



139.2300, -2.0854, 15.5843



175.9430, -3.4229, 24.6060



147.2880, -3.5930, -14.2846



73.5060, -0.7425, 4.8182



45.2650, -11.4696, 85.7136

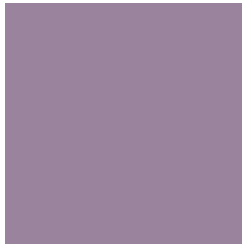


4.7130, -1.3375, 9.0217



# Previews

## White Background



This preview shows how the YUV color 140.5420, 8.1138, 10.9257 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

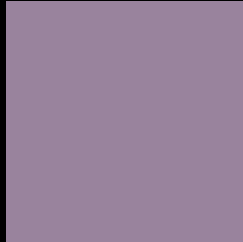
Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail



# Black Background



This preview shows how the YUV color 140.5420, 8.1138, 10.9257 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

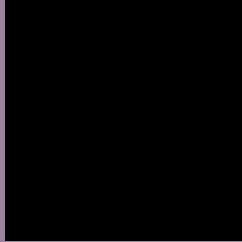
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YUV 140.5420, 8.1138, 10.9257

## Background



This preview shows how black text looks on a background with the YUV color 140.5420, 8.1138, 10.9257.



This preview shows how white text looks on a background with the YUV color 140.5420, 8.1138,



# 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

140.5420, 8.1138, 10.9257

### Protanopia

138.8390, 10.9254, -4.2438

### Deuteranopia

139.7860, 7.9935, 2.8187



## Tritanopia

139.6360, 2.1515, 9.9662

# Trichromacy



## Original Color

140.5420, 8.1138, 10.9257

## Protanomaly

139.6440, 10.0355, 1.1892

## Deuteranomaly

140.3950, 7.6933, 5.7926

## Tritanomaly

139.9180, 4.4774, 10.5959

# Monochromacy



## Original Color

140.5420, 8.1138, 10.9257

## Achromatopsia

141.0000, 0.0000, 0.0000

## Achromatomaly

140.5320, 3.1887, 3.9184

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 140.5420, 8.1138, 10.9257 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, 131, 157)` looks like.

```
.text, #text, p{  
    color:rgb(153, 131, 157)  
}
```

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, 131, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(153, 131, 157) }
```

## Border

The CSS property to change the border of an element to YUV 140.5420, 8.1138, 10.9257 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, 131, 157) }
```



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

```
.border{ border-color:rgb(153, 131, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(153, 131, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(153, 131, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(153, 131, 157);  
box-shadow:4px 4px 4px 4px rgb(153, 131,  
157) }
```

# Background

The CSS property to change the background color of an element to YUV 140.5420, 8.1138, 10.9257 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(153, 131, 157) }
```

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

```
.background{ background-color: rgb(153,  
131, 157) }
```

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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