

# Converting Colors

YUV(145.6290, 26.3119, 7.3414)

Have a look what the booklet for  
YUV(145.6290, 26.3119, 7.3414)  
contains.

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# Color

**YUV(145.6290, 26.3119,  
7.3414)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	9A83C7
RGB	154, 131, 199
RGB Percent	60%, 51%, 78%
CMY	0.3961, 0.4863, 0.2196
CMYK	0.23, 0.34, 0.00, 0.22
HSL	260°, 38%, 65%
HSV	260°, 34%, 78%
XYZ	31.7515, 27.2261, 57.6145
YIQ	145.6290, -8.1200, 26.0240

# Conversions

## Conversions Part 2

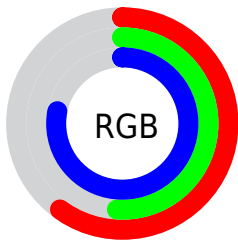
<b>Format</b>	<b>Color</b>
<b>RYB</b>	154, 131, 199
Decimal	10126279
CIELab	59.18, 22.87, -32.14
CIElCh	59, 39.445, 305.432
Yxy	27.2261, 0.2723, 0.2335
Android (android.graphics.Color)	4288316359 (0xFF9A83C7)
YUV	145.6290, 26.3119, 7.3414
Hunter-Lab	52.1787, 17.3073, -28.9416

# Details

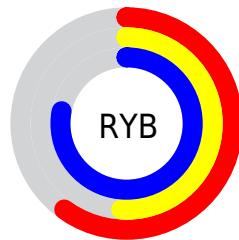
The YUV color  $145.6290, 26.3119, 7.3414$  is a light color, and the websafe version is hex  $9999CC$ . A complement of this color would be  $184.3710, -26.3119, -7.3414$ , and the grayscale version is  $145.0000, 0.0000, 0.0000$ .

A 20% lighter version of the original color is  $199.5690, 27.3275, 8.2710$ , and  $94.2760, 25.0069, 5.8969$  is the 20% darker color. If you saturate the color by 10%, you get  $130.0020, 34.0160, 9.6452$ , and if you desaturate by 10%, it is  $161.2560, 18.6078, 5.0375$ .

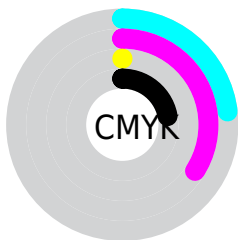
# Distribution



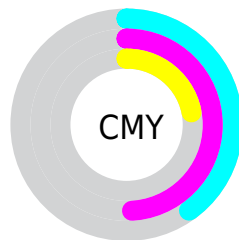
- Red (60%)
- Green (51%)
- Blue (78%)



- Red (60%)
- Yellow (51%)
- Blue (78%)



- Cyan (23%)
- Magenta (34%)
- Yellow (0%)
- Black (22%)



- Cyan (40%)
- Magenta (49%)
- Yellow (22%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 145.6290, 26.3119, 7.3414 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 145.6290, 26.3119, 7.3414 by changing the saturation by 10% instead.



■ 145.6290, 26.3119,  
7.3414

■ 145.6290, 26.3119,  
7.3414

255.0000, 0.0000,  
0.0000

■ 119.8030, 25.7331,  
6.3118

■ 199.5690, 27.3275,  
8.2710

■ 94.2760, 25.0069,  
5.8969

■ 224.6760, 14.9497,  
11.6851

■ 70.3360, 23.9914,  
4.9673

■ 246.1950, 4.3409,  
7.7220

■ 47.3960, 22.9758,  
4.0377

■ 24.8580, 22.2550,  
1.8785

■ 7.1520, 19.6451,  
-1.0103

■ 3.4370, 10.6306,

-3.0142

■ 0.0000, 0.0000,  
0.0000

■ 145.6290, 26.3119,  
7.3414

■ 145.6290, 26.3119,  
7.3414

■ 130.0020, 34.0160,  
9.6452

■ 161.2560, 18.6078,  
5.0375

■ 114.3750, 41.7201,  
11.9491

■ 176.8830, 10.9037,  
2.7336

■ 98.4490, 49.5716,  
13.6382

■ 192.8090, 3.0522,  
1.0445

■ 82.8220, 57.2758,  
15.9421

■ 208.4360, -4.6519,  
-1.2594

■ 67.1950, 64.9799,  
18.2460

■ 224.0630,  
-12.3561, -3.5633

■ 52.1550, 72.3946,  
20.0351

■ 239.1030,  
-19.7708, -5.3523

■ 42.7190, 77.0465,  
21.2944

■ 245.9250,  
-23.1340, 0.0658

■ 248.6160,  
-24.4607, 5.5988

# Harmonies

## Analogous

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



137.8840, 36.0462, -34.9783



145.6290, 26.3119, 7.3414



146.5700, 12.5370, 38.9651

# Triad

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



145.6290, 26.3119, 7.3414



141.3430, -30.2421, 40.0412



110.7920, 18.3435, -97.1646

# Complementary

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



145.6290, 26.3119, 7.3414



184.3710, -26.3119, -7.3414

# 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.



128.2380, -8.0053, -45.8127



145.6290, 26.3119, 7.3414



139.3910, -33.2238, 16.3201

# Square

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



145.6290, 26.3119, 7.3414



143.0040, -19.2290, 54.3705



134.9790, -25.1326, -12.2596



114.0810, 33.4841, -100.0490



# Rectangle

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



145.6290, 26.3119, 7.3414



145.4870, 1.7319, 51.3159



134.9790, -25.1326, -12.2596



118.3940, 8.6798, -77.5215

# Sweetspot

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



145.6290, 26.3119, 7.3414



235.2420, 9.7407, 2.4188



165.1670, 16.6797, -29.9645



115.3190, 6.2517, 1.4742



0.0000, 0.0000, 0.0000



128.0000, 0.0000, 0.0000



# Same Dimension

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



145.6290, 26.3119, 7.3414



172.7340, 40.5571, 11.6343



155.7950, 21.3001, 28.2438



91.9230, 3.4890, 0.9445



35.0270, 63.0907, 17.5163



7.6920, 13.9558, 3.7781



# Inverse Universe

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



156.4620, 9.6322, 37.3058



189.3750, 15.0981, 57.5531



174.2050, -21.3001, -28.2438



93.3750, 1.2941, 4.9331



61.0490, 23.1468, 89.4110

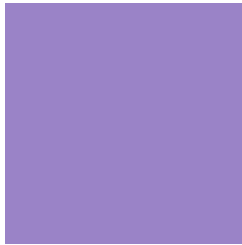


13.5000, 5.1765, 19.7325



# Previews

## White Background



This preview shows how the YUV color 145.6290, 26.3119, 7.3414 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

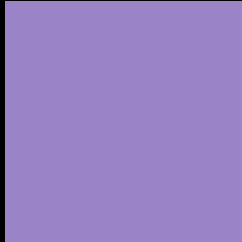
Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail



# Black Background



This preview shows how the YUV color 145.6290, 26.3119, 7.3414 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

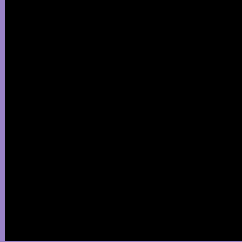
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YUV 145.6290, 26.3119, 7.3414

## Background



This preview shows how black text looks on a background with the YUV color 145.6290, 26.3119, 7.3414.



This preview shows how white text looks on a background with the YUV color 145.6290, 26.3119, 7.3414.



# 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

145.6290, 26.3119, 7.3414

### Protanopia

141.8430, 31.6294, -18.2793

### Deuteranopia

142.6000, 26.8192, -15.4352



## Tritanopia

143.4500, 4.2152, 1.3594

# Trichromacy



## Original Color

145.6290, 26.3119, 7.3414

## Protanomaly

143.3280, 29.4183, -9.0577

## Deuteranomaly

143.6550, 26.7921, -6.7134

## Tritanomaly

143.9370, 12.3561, 3.5633

# Monochromacy



## Original Color

145.6290, 26.3119, 7.3414

## Achromatopsia

146.0000, 0.0000, 0.0000

## Achromatomaly

146.1280, 9.3039, 2.5187

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 145.6290, 26.3119, 7.3414 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(154, 131, 199)` looks like.

```
.text, #text, p{  
    color:rgb(154, 131, 199)  
}
```

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(154, 131, 199) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(154, 131, 199) }
```

## Border

The CSS property to change the border of an element to YUV 145.6290, 26.3119, 7.3414 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(154, 131, 199) }
```



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

```
.border{ border-color:rgb(154, 131, 199) }
```

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

Here you see how a box with a 4 pixel rgb(154, 131, 199) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(154, 131, 199); -webkit-box-  
shadow:4px 4px 4px 4px rgb(154, 131, 199);  
box-shadow:4px 4px 4px 4px rgb(154, 131,  
199) }
```

# Background

The CSS property to change the background color of an element to YUV 145.6290, 26.3119, 7.3414 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(154, 131, 199) }
```

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

```
.background{ background-color: rgb(154,  
131, 199) }
```

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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