

# Converting Colors

YUV(147.8780, 28.6541, 2.7380)

Have a look what the booklet for  
YUV(147.8780, 28.6541, 2.7380)  
contains.

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# Color

**YUV(147.8780, 28.6541,  
2.7380)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9787CE
RGB	151, 135, 206
RGB Percent	59%, 53%, 81%
CMY	0.4078, 0.4706, 0.1922
CMYK	0.27, 0.34, 0.00, 0.19
HSL	254°, 42%, 67%
HSV	254°, 34%, 81%
XYZ	32.5670, 28.3635, 62.1507
YIQ	147.8780, -13.2550, 25.4730

# Conversions

## Conversions Part 2

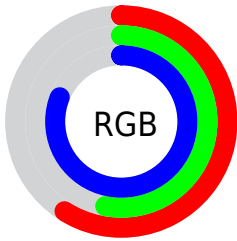
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	151, 135, 206
Decimal	9930702
CIE <sub>Lab</sub>	60.22, 21.36, -34.50
CIE <sub>LCh</sub>	60, 40.577, 301.767
Yxy	28.3635, 0.2646, 0.2304
Android (android.graphics.Color)	4288120782 (0xFF9787CE)
YUV	147.8780, 28.6541, 2.7380
Hunter-Lab	53.2574, 15.9529, -31.9106

# Details

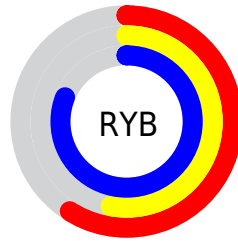
The YUV color **147.8780, 28.6541, 2.7380** is a light color, and the websafe version is hex **9999CC**. A complement of this color would be **193.1220, -28.6541, -2.7380**, and the grayscale version is **148.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **201.0200, 26.6121, 4.3675**, and **96.4110, 26.9124, 1.3936** is the 20% darker color. If you saturate the color by 10%, you get **130.7670, 37.0899, 3.7123**, and if you desaturate by 10%, it is **164.9890, 20.2184, 1.7636**.

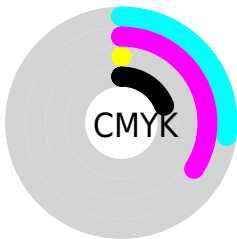
# Distribution



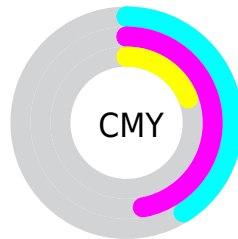
- Red (59%)
- Green (53%)
- Blue (81%)



- Red (59%)
- Yellow (53%)
- Blue (81%)



- Cyan (27%)
- Magenta (34%)
- Yellow (0%)
- Black (19%)



- Cyan (41%)
- Magenta (47%)
- Yellow (19%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 147.8780, 28.6541, 2.7380 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 147.8780, 28.6541, 2.7380 by changing the saturation by 10% instead.



■ 147.8780, 28.6541,  
2.7380

■ 147.8780, 28.6541,  
2.7380

■ 255.0000, 0.0000,  
0.0000

■ 121.9380, 27.6386,  
1.8084

■ 201.0200, 26.6121,  
4.3675

■ 96.4110, 26.9124,  
1.3936

■ 226.1270, 14.2344,  
7.7816

■ 72.4710, 25.8968,  
0.4639

■ 249.1300, 2.8939,  
5.1480

■ 49.2320, 25.0286,  
-1.0805

■ 26.0960, 24.6027,  
-4.4692

■ 6.6400, 22.8555,  
-4.0693

■ 4.5940, 12.5252,

-4.0289

■ 0.1140, 0.4368,  
-0.1000

■ 0.0000, 0.0000,  
0.0000

■ 147.8780, 28.6541,  
2.7380

■ 147.8780, 28.6541,  
2.7380

■ 130.7670, 37.0899,  
3.7123

■ 164.9890, 20.2184,  
1.7636

■ 114.2430, 45.2362,  
4.1719

■ 181.5130, 12.0721,  
1.3041

■ 97.1320, 53.6719,  
5.1462

■ 198.6240, 3.6364,  
0.3298

■ 80.6080, 61.8183,  
5.6058

■ 215.1480, -4.5100,  
-0.1298

■ 63.4970, 70.2540,  
6.5801

■ 232.2590,  
-12.9457, -1.1041

■ 46.3860, 78.6897,  
7.5545

■ 247.0220,  
-20.2238, -0.0193

■ 37.2380, 83.1997,  
7.6843

■ 249.4140,  
-21.4031, 4.8989

# Harmonies

## Analogous

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



138.4100, 38.2519, -42.4556



147.8780, 28.6541, 2.7380



149.2430, 15.1632, 36.6209

# Triad

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



147.8780, 28.6541, 2.7380



144.3650, -30.2529, 43.5299



112.9120, 16.3124, -99.0238

# Complementary

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



147.8780, 28.6541, 2.7380



193.1220, -28.6541, -2.7380

# 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.



131.8640, -10.7790, -42.8537



147.8780, 28.6541, 2.7380



142.0710, -34.5450, 20.1087

# Square

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



147.8780, 28.6541, 2.7380



145.9550, -18.2188, 57.0445



138.0180, -27.6169, -8.7858



116.4290, 32.3265, -102.1082



# Rectangle

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



147.8780, 28.6541, 2.7380



148.4700, 4.2053, 51.3308



138.0180, -27.6169, -8.7858



122.6180, 5.6113, -73.3330

# Sweetspot

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



147.8780, 28.6541, 2.7380



234.3450, 10.1829, 0.5744



175.9660, 14.8068, -35.9272



115.0200, 6.3991, 0.8595



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.



147.8780, 28.6541, 2.7380



169.1460, 42.3260, 4.2570



158.3430, 23.4949, 24.2552



93.7380, 4.0732, 0.2298



29.9870, 67.0544, 6.1504



7.0230, 15.2717, 1.7338



# Inverse Universe

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



162.4990, 13.5580, 38.1504



190.6290, 19.9029, 56.4534



182.6570, -23.4949, -24.2552



95.9020, 2.0203, 5.3479



64.2260, 31.4406, 89.2558



14.7820, 7.5025, 20.3622



# Previews

## White Background



This preview shows how the YUV color 147.8780, 28.6541, 2.7380 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 147.8780, 28.6541, 2.7380 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

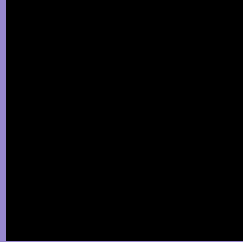
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YUV 147.8780, 28.6541, 2.7380

## Background



This preview shows how black text looks on a background with the YUV color 147.8780, 28.6541, 2.7380.



This preview shows how white text looks on a background with the YUV color 147.8780, 28.6541,

2.7380.

# 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

147.8780, 28.6541, 2.7380

### Protanopia

144.5870, 33.2346, -19.8088

### Deuteranopia

144.8600, 29.1560, -18.2942



## Tritanopia

145.0580, 5.3944, -3.5589

# Trichromacy



## Original Color

147.8780, 28.6541, 2.7380

## Protanomaly

145.8870, 31.6077, -11.3019

## Deuteranomaly

146.2030, 28.9869, -10.7020

## Tritanomaly

145.9580, 13.8247, -0.8402

# Monochromacy



## Original Color

147.8780, 28.6541, 2.7380

## Achromatopsia

148.0000, 0.0000, 0.0000

## Achromatomaly

147.7580, 10.4723, 1.0892

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 147.8780, 28.6541, 2.7380 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(151, 135, 206)` looks like.

```
.text, #text, p{  
    color:rgb(151, 135, 206)  
}
```

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(151, 135, 206) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(151, 135, 206) }
```

## Border

The CSS property to change the border of an element to YUV 147.8780, 28.6541, 2.7380 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(151, 135, 206) }
```



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

```
.border{ border-color:rgb(151, 135, 206) }
```

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

Here you see how a box with a 4 pixel `rgb(151, 135, 206)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(151, 135, 206); -webkit-box-  
shadow:4px 4px 4px 4px rgb(151, 135, 206);  
box-shadow:4px 4px 4px 4px rgb(151, 135,  
206) }
```

# Background

The CSS property to change the background color of an element to YUV 147.8780, 28.6541, 2.7380 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(151, 135, 206) }
```

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

```
.background{ background-color: rgb(151,  
135, 206) }
```

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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