

# Converting Colors

YUV(141.3150, 25.9737,  
22.5257)

Have a look what the booklet for  
YUV(141.3150, 25.9737, 22.5257)  
contains.

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# Color

**YUV(141.3150, 25.9737,  
22.5257)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A776C2
RGB	167, 118, 194
RGB Percent	65%, 46%, 76%
CMY	0.3451, 0.5373, 0.2392
CMYK	0.14, 0.39, 0.00, 0.24
HSL	279°, 38%, 61%
HSV	279°, 39%, 76%
XYZ	32.1524, 25.0674, 54.1828
YIQ	141.3150, 4.8080, 34.0240

# Conversions

## Conversions Part 2

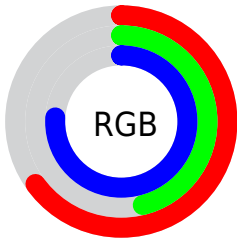
Format	Color
R <sub>Y</sub> B	167, 118, 194
Decimal	10974914
CIE Lab	57.14, 33.12, -32.38
CIE LCh	57, 46.323, 315.648
Yxy	25.0674, 0.2886, 0.2250
Android (android.graphics.Color)	4289164994 (0xFFA776C2)
YUV	141.3150, 25.9737, 22.5257
Hunter-Lab	50.0674, 27.0117, -29.1164

# Details

The YUV color **141.3150, 25.9737, 22.5257** is a light color, and the websafe version is hex **996699**. A complement of this color would be **170.6850, -25.9737, -22.5257**, and the grayscale version is **141.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **195.6680, 27.2787, 23.9702**, and **89.9620, 24.6687, 21.0813** is the 20% darker color. If you saturate the color by 10%, you get **128.0690, 32.5040, 28.0035**, and if you desaturate by 10%, it is **154.5610, 19.4434, 17.0480**.

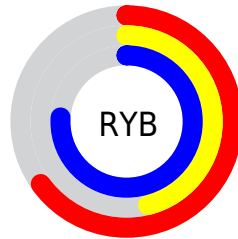
# Distribution



Red (65%)

Green (46%)

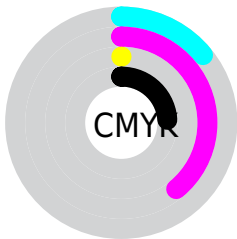
Blue (76%)



Red (65%)

Yellow (46%)

Blue (76%)

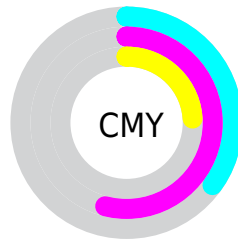


Cyan (14%)

Magenta (39%)

Yellow (0%)

Black (24%)



Cyan (35%)

Magenta (54%)

Yellow (24%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 141.3150, 25.9737, 22.5257 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 141.3150, 25.9737, 22.5257 by changing the saturation by 10% instead.



■ 141.3150, 25.9737,  
22.5257

■ 141.3150, 25.9737,  
22.5257

255.0000, 0.0000,  
0.0000

■ 115.4890, 25.3949,  
21.4961

■ 195.6680, 27.2787,  
23.9702

■ 89.9620, 24.6687,  
21.0813

■ 221.2310, 16.6481,  
26.9844

■ 65.7230, 23.8006,  
19.5369

■ 238.5640, 8.1029,  
14.4144

■ 41.3100, 23.5112,  
19.0221

■ 19.1850, 23.0798,  
17.3778

■ 9.6860, 16.4238,  
5.5374

■ 2.9810, 8.8834,

-2.6143

■ 0.0000, 0.0000,  
0.0000

■ 141.3150, 25.9737,  
22.5257

■ 141.3150, 25.9737,  
22.5257

■ 128.0690, 32.5040,  
28.0035

■ 154.5610, 19.4434,  
17.0480

■ 114.2360, 39.3237,  
33.9960

■ 168.3940, 12.6238,  
11.0555

■ 100.9900, 45.8539,  
39.4738

■ 181.6400, 6.0935,  
5.5777

■ 87.1570, 52.6736,  
45.4663

■ 195.4730, -0.7262,  
-0.4148

■ 74.2100, 59.0565,  
51.5588

■ 208.4200, -7.1091,  
-6.5073

■ 60.9640, 65.5867,  
57.0366

■ 221.6660,  
-13.6393, -11.9851

■ 59.4910, 66.3129,  
57.4514

■ 235.4990,  
-20.4590, -17.9776

■ 238.1790,  
-21.7802, -14.1890

■ 240.2720,  
-22.8121, -9.8855

# Harmonies

## Analogous

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



134.8620, 39.5080, -25.3120



141.3150, 25.9737, 22.5257



140.0450, 8.8518, 54.3345

# Triad

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



141.3150, 25.9737, 22.5257



134.5570, -38.2356, 37.2225



110.1710, 23.5797, -96.6200

# Complementary

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



141.3150, 25.9737, 22.5257



170.6850, -25.9737, -22.5257

# 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.



104.7960, 5.5236, -91.9061



141.3150, 25.9737, 22.5257



131.4840, -37.7066, 7.4685

# Square

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



141.3150, 25.9737, 22.5257



136.2620, -27.2442, 58.5292



125.6350, -23.4841, -27.7439



113.1010, 39.8832, -99.1896



# Rectangle

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



141.3150, 25.9737, 22.5257



138.1960, -3.5476, 64.7261



125.6350, -23.4841, -27.7439



108.5750, 17.4645, -95.2203

# Sweetspot

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



141.3150, 25.9737, 22.5257



231.4000, 10.1558, 9.2962



143.1000, 25.0937, -22.0127



115.3410, 6.2409, 4.9629



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.



141.3150, 25.9737, 22.5257



170.1760, 40.3392, 34.9256



148.2480, 17.6257, 40.1245



89.9340, 3.4835, 2.6889



49.4500, 54.9941, 47.8404



10.0410, 11.3188, 9.6110



# Inverse Universe

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



143.8020, 0.5906, 44.0236



174.0700, 0.9515, 68.3446



163.7520, -17.6257, -40.1245



90.4460, 0.2731, 5.7479



54.6370, 1.1650, 93.2804

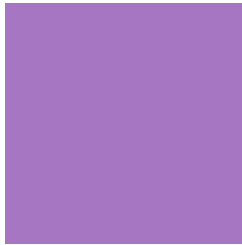


11.2350, 0.3771, 19.0879



# Previews

## White Background



This preview shows how the YUV color 141.3150, 25.9737, 22.5257 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

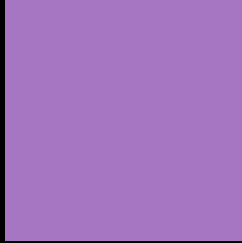
Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail



# Black Background



This preview shows how the YUV color 141.3150, 25.9737, 22.5257 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

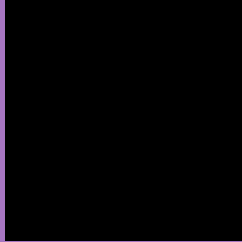
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YUV 141.3150, 25.9737, 22.5257

## Background



This preview shows how black text looks on a background with the YUV color 141.3150, 25.9737, 22.5257.



This preview shows how white text looks on a background with the YUV color 141.3150, 25.9737,



# 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

141.3150, 25.9737, 22.5257

### Protanopia

136.4450, 35.2766, -21.4383

### Deuteranopia

137.4860, 26.3824, -15.3352



## Tritanopia

139.8110, 0.0932, 16.8288

# Trichromacy



## Original Color

141.3150, 25.9737, 22.5257

## Protanomaly

138.3330, 31.8808, -5.5540

## Deuteranomaly

138.5740, 26.3390, -1.3804

## Tritanomaly

140.6400, 9.5445, 18.7327

# Monochromacy



## Original Color

141.3150, 25.9737, 22.5257

## Achromatopsia

141.0000, 0.0000, 0.0000

## Achromatomaly

141.1610, 9.2876, 7.7518

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 141.3150, 25.9737, 22.5257 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(167, 118, 194)` looks like.

```
.text, #text, p{  
    color:rgb(167, 118, 194)  
}
```

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(167, 118, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(167, 118, 194) }
```

## Border

The CSS property to change the border of an element to YUV 141.3150, 25.9737, 22.5257 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(167, 118, 194) }
```



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

```
.border{ border-color:rgb(167, 118, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(167, 118, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(167, 118, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(167, 118, 194);  
box-shadow:4px 4px 4px 4px rgb(167, 118,  
194) }
```

# Background

The CSS property to change the background color of an element to YUV 141.3150, 25.9737, 22.5257 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(167, 118, 194) }
```

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

```
.background{ background-color: rgb(167,  
118, 194) }
```

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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