

# Converting Colors

YUV(150.3370, 25.9629,  
26.0145)

Have a look what the booklet for  
YUV(150.3370, 25.9629, 26.0145)  
contains.

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# Color

**YUV(150.3370, 25.9629,  
26.0145)**

# Conversions

## Conversions Part 1

Format	Color
Hex	B47DCB
RGB	180, 125, 203
RGB Percent	71%, 49%, 80%
CMY	0.2941, 0.5098, 0.2039
CMYK	0.11, 0.38, 0.00, 0.20
HSL	282°, 43%, 64%
HSV	282°, 38%, 80%
XYZ	36.9355, 28.6823, 60.0894
YIQ	150.3370, 7.7420, 35.9180

# Conversions

## Conversions Part 2

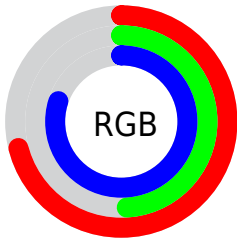
Format	Color
<a href="#">RYB</a>	<a href="#">180, 125, 203</a>
Decimal	<a href="#">11828683</a>
CIELab	<a href="#">60.50, 35.13, -32.15</a>
CIELCh	<a href="#">61, 47.621, 317.532</a>
Yxy	<a href="#">28.6823, 0.2938, 0.2282</a>
Android (android.graphics.Color)	<a href="#">4290018763 (0xFFB47DCB)</a>
YUV	<a href="#">150.3370, 25.9629, 26.0145</a>
Hunter-Lab	<a href="#">53.5559, 29.3820, -29.0340</a>

# Details

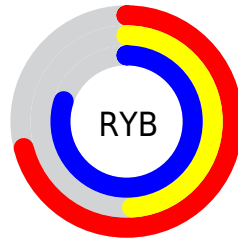
The YUV color **150.3370, 25.9629, 26.0145** is a light color, and the websafe version is hex **CC99FF**. A complement of this color would be **177.6630, -25.9629, -26.0145**, and the grayscale version is **150.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **204.4190, 24.9364, 28.5735**, and **98.6850, 24.8053, 23.9553** is the 20% darker color. If you saturate the color by 10%, you get **136.8030, 32.6351, 32.6218**, and if you desaturate by 10%, it is **163.8710, 19.2906, 19.4071**.

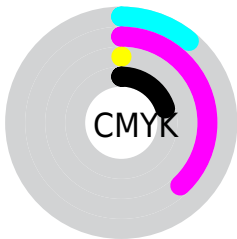
# Distribution



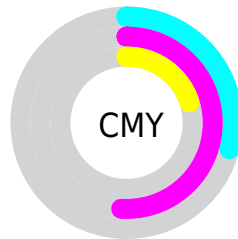
- Red (71%)
- Green (49%)
- Blue (80%)



- Red (71%)
- Yellow (49%)
- Blue (80%)



- Cyan (11%)
- Magenta (38%)
- Yellow (0%)
- Black (20%)



- Cyan (29%)
- Magenta (51%)
- Yellow (20%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 150.3370, 25.9629, 26.0145 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 150.3370, 25.9629, 26.0145 by changing the saturation by 10% instead.



150.3370, 25.9629,  
26.0145

150.3370, 25.9629,  
26.0145

255.0000, 0.0000,  
0.0000

123.8100, 25.2367,  
25.5996

204.4190, 24.9364,  
28.5735

98.6850, 24.8053,  
23.9553

226.2370, 14.1802,  
25.2252

73.7450, 23.7897,  
23.0256

243.2600, 5.7878,  
10.2960

49.3320, 23.5003,  
22.5108

24.4460, 23.9371,  
22.4109

14.9690, 17.2703,  
14.0592

4.3660, 11.6516,

-3.8290

■ 0.0000, 0.0000,  
0.0000

■ 150.3370, 25.9629,  
26.0145

■ 150.3370, 25.9629,  
26.0145

■ 136.8030, 32.6351,  
32.6218

■ 163.8710, 19.2906,  
19.4071

■ 122.6820, 39.5968,  
39.7439

■ 177.9920, 12.3289,  
12.2850

■ 109.1480, 46.2690,  
46.3512

■ 191.5260, 5.6567,  
5.6777

■ 95.6140, 52.9413,  
52.9585

■ 205.0600, -1.0156,  
-0.9296

■ 82.0800, 59.6136,  
59.5658

■ 219.1810, -7.9772,  
-8.0517

67.9590, 66.5752,  
66.6880

232.7150,  
-14.6495, -14.6591

65.8990, 67.5908,  
67.6176

239.2050,  
-17.8491, -15.0888

240.9990,  
-18.7335, -11.4001

242.7930,  
-19.6179, -7.7115

# Harmonies

## Analogous

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



144.6990, 40.0814, -22.5380



150.3370, 25.9629, 26.0145



148.8390, 7.9674, 58.0232

# Triad

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



150.3370, 25.9629, 26.0145



142.8020, -39.8354, 37.0076



117.4090, 25.9274, -102.9677

# Complementary

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



150.3370, 25.9629, 26.0145



177.6630, -25.9629, -26.0145

# 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.



111.8060, 6.9976, -98.0539



150.3370, 25.9629, 26.0145



139.3590, -38.1380, 5.8242

# Square

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



150.3370, 25.9629, 26.0145



144.9910, -29.5756, 59.6439



133.7270, -23.0364, -31.3326



119.8660, 42.9571, -105.1225



# Rectangle

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



150.3370, 25.9629, 26.0145



147.1640, -5.0109, 67.3852



133.7270, -23.0364, -31.3326



115.8130, 19.8122, -101.5680

# Sweetspot

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



150.3370, 25.9629, 26.0145



234.1120, 10.2978, 10.4258



147.3930, 27.4143, -19.6387



115.6400, 6.0935, 5.5777



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.



150.3370, 25.9629, 26.0145



175.8560, 39.0180, 38.7143



155.3900, 15.5837, 41.7540



95.2330, 3.3361, 3.3037



53.9070, 55.2618, 55.3326



12.4050, 12.6183, 12.7998



# Inverse Universe

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



150.9440, -1.4514, 45.6531



176.8590, -2.3955, 68.5297



172.6100, -15.5837, -41.7540



95.3320, -0.1637, 5.8478



55.2200, -3.0665, 97.1541



12.6160, -0.7967, 22.2618



# Previews

## White Background



This preview shows how the YUV color 150.3370, 25.9629, 26.0145 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

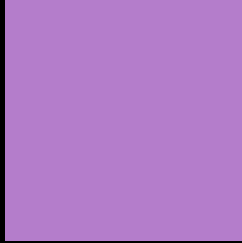
Any Text WCAG AA ✗ Fail

Large Text (above 18pt) WCAG AAA ✗ Fail

Any Text WCAG AAA ✗ Fail



# Black Background



This preview shows how the YUV color 150.3370, 25.9629, 26.0145 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 150.3370, 25.9629, 26.0145

## Background



This preview shows how black text looks on a background with the YUV color 150.3370, 25.9629, 26.0145.



This preview shows how white text looks on a background with the YUV color 150.3370, 25.9629, 26.0145.



# 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

150.3370, 25.9629, 26.0145

### Protanopia

145.5590, 35.7134, -21.5382

### Deuteranopia

146.0840, 26.0876, -14.1057



## Tritanopia

148.6050, -0.7913, 20.5174

# Trichromacy



## Original Color

150.3370, 25.9629, 26.0145



## Protanomaly

147.1590, 32.4596, -4.5244



## Deuteranomaly

147.4710, 25.8968, 0.4639



## Tritanomaly

149.4340, 8.6600, 22.4214

# Monochromacy



## Original Color

150.3370, 25.9629, 26.0145



## Achromatopsia

150.0000, 0.0000, 0.0000



## Achromatomaly

150.1720, 9.2822, 9.4962

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 150.3370, 25.9629, 26.0145 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(180, 125, 203)` looks like.

```
.text, #text, p{  
    color:rgb(180, 125, 203)  
}
```

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(180, 125, 203) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 125, 203) }
```

## Border

The CSS property to change the border of an element to YUV 150.3370, 25.9629, 26.0145 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(180, 125, 203) }
```



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

```
.border{ border-color:rgb(180, 125, 203) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 125, 203)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 125, 203); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 125, 203);  
box-shadow:4px 4px 4px 4px rgb(180, 125,  
203) }
```

# Background

The CSS property to change the background color of an element to YUV 150.3370, 25.9629, 26.0145 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 125, 203) }
```

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

```
.background{ background-color: rgb(180,  
125, 203) }
```

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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