

# Converting Colors

YUV(126.2250, 26.0181,  
55.0537)

Have a look what the booklet for  
YUV(126.2250, 26.0181, 55.0537)  
contains.

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# Color

**YUV(126.2250, 26.0181,  
55.0537)**

# Conversions

## Conversions Part 1

Format	Color
Hex	BD54B3
RGB	189, 84, 179
RGB Percent	74%, 33%, 70%
CMY	0.2588, 0.6706, 0.2980
CMYK	0.00, 0.56, 0.05, 0.26
HSL	306°, 44%, 54%
HSV	306°, 56%, 74%
XYZ	32.2933, 20.4141, 44.8861
YIQ	126.2250, 32.0850, 51.8050

# Conversions

## Conversions Part 2

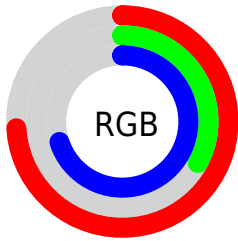
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	189, 84, 179
Decimal	12407987
CIE Lab	52.30, 54.49, -31.09
CIE LCh	52, 62.733, 330.294
Yxy	20.4141, 0.3309, 0.2092
Android (android.graphics.Color)	4290598067 (0xFFBD54B3)
YUV	126.2250, 26.0181, 55.0537
Hunter-Lab	45.1820, 48.5121, -27.2743

# Details

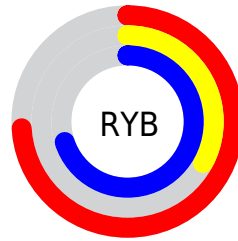
The YUV color **126.2250, 26.0181, 55.0537** is a light color, and the websafe version is hex **CC66CC**. A complement of this color would be **146.7750, -26.0181, -55.0537**, and the grayscale version is **126.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **181.6490, 26.3020, 57.3128**, and **69.3930, 27.9073, 55.7833** is the 20% darker color. If you saturate the color by 10%, you get **114.8440, 30.6429, 65.0348**, and if you desaturate by 10%, it is **137.6060, 21.3932, 45.0725**.

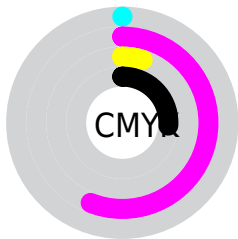
# Distribution



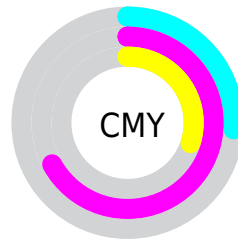
- Red (74%)
- Green (33%)
- Blue (70%)



- Red (74%)
- Yellow (33%)
- Blue (70%)



- Cyan (0%)
- Magenta (56%)
- Yellow (5%)
- Black (26%)



- Cyan (26%)
- Magenta (67%)
- Yellow (30%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 126.2250, 26.0181, 55.0537 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 126.2250, 26.0181, 55.0537 by changing the saturation by 10% instead.



126.2250, 26.0181,  
55.0537

126.2250, 26.0181,  
55.0537

255.0000, 0.0000,  
0.0000

98.9260, 26.1655,  
54.4389

181.6490, 26.3020,  
57.3128

69.3930, 27.9073,  
55.7833

202.7570, 25.7558,  
45.8171

43.2080, 28.4915,  
55.0686

219.1930, 17.6529,  
31.4027

32.2850, 21.5515,  
40.9691

236.2160, 9.2605,  
16.4736

22.4870, 15.0429,  
28.5139

253.2390, 0.8682,  
1.5444

11.3080, 9.7082,  
12.8849

0.1140, 0.4368,

-0.1000

■ 0.0000, 0.0000,  
0.0000

■ 126.2250, 26.0181,  
55.0537

■ 126.2250, 26.0181,  
55.0537

■ 114.8440, 30.6429,  
65.0348

■ 137.6060, 21.3932,  
45.0725

■ 103.4630, 35.2677,  
75.0159

■ 148.9870, 16.7684,  
35.0914

■ 92.1960, 40.3294,  
84.8971

■ 160.2540, 11.7068,  
25.2102

■ 80.8150, 44.9542,  
94.8782

■ 171.6350, 7.0819,  
15.2291

■ 76.0050, 46.8325,  
99.0966

■ 183.0160, 2.4571,  
5.2480

■ 193.8100, -1.8783,  
-4.2184

■ 205.1910, -6.5032,  
-14.1995

■ 216.4580,  
-11.5648, -24.0807

■ 227.8390,  
-16.1896, -34.0618

# Harmonies

## Analogous

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



125.9000, 45.4053, -3.4203



126.2250, 26.0181, 55.0537



118.9890, 3.9494, 86.8326

# Triad

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



126.2250, 26.0181, 55.0537



116.7520, -57.5587, 28.2815



107.7550, 34.6308, -94.5011

# Complementary

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



126.2250, 26.0181, 55.0537



146.7750, -26.0181, -55.0537

# 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.



101.5990, 11.0437, -89.1023



126.2250, 26.0181, 55.0537



110.2630, -49.4297, -12.5087

# Square

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



126.2250, 26.0181, 55.0537



119.1320, -46.9001, 63.0282



92.8670, -12.2594, -81.4444



109.3800, 53.5497, -95.9263



# Rectangle

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



126.2250, 26.0181, 55.0537



117.8310, -13.2277, 89.6022



92.8670, -12.2594, -81.4444



105.8170, 27.2052, -92.8015

# Sweetspot

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



126.2250, 26.0181, 55.0537



219.8900, 10.4072, 22.0215



98.6610, 44.5371, -4.9647



107.6840, 6.0718, 12.5551



250.0000, 0.0000, 0.0000



122.0000, 0.0000, 0.0000



# Same Dimension

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



126.2250, 26.0181, 55.0537



146.9080, 40.4714, 86.0267



120.4110, 3.7414, 60.1526



88.6030, 2.1677, 4.7332



63.5440, 39.1718, 82.8379



12.4610, 7.6607, 16.2587



# Inverse Universe

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



126.2250, 26.0181, 55.0537



146.9080, 40.4714, 86.0267



152.5890, -3.7414, -60.1526



88.6030, 2.1677, 4.7332



63.5440, 39.1718, 82.8379



12.4610, 7.6607, 16.2587



# Previews

## White Background



This preview shows how the YUV color 126.2250, 26.0181, 55.0537 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 126.2250, 26.0181, 55.0537 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

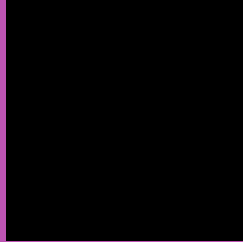
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YUV 126.2250, 26.0181, 55.0537

## Background



This preview shows how black text looks on a background with the YUV color 126.2250, 26.0181, 55.0537.



This preview shows how white text looks on a background with the YUV color 126.2250, 26.0181, 55.0537.



# 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

126.2250, 26.0181, 55.0537

### Protanopia

122.0940, 44.3237, -29.9004

### Deuteranopia

125.2860, 23.0300, -13.4058



## Tritanopia

126.4190, -8.5876, 47.8675

# Trichromacy



## Original Color

126.2250, 26.0181, 55.0537



## Protanomaly

123.5710, 37.6795, 1.2532



## Deuteranomaly

125.4940, 24.4065, 11.8448



## Tritanomaly

126.0570, 3.9159, 50.8160

# Monochromacy



## Original Color

126.2250, 26.0181, 55.0537



## Achromatopsia

126.0000, 0.0000, 0.0000



## Achromatomaly

126.2380, 9.2497, 19.9623

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 126.2250, 26.0181, 55.0537 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(189, 84, 179)` looks like.

```
.text, #text, p{  
    color:rgb(189, 84, 179)  
}
```

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(189, 84, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 84, 179) }
```

## Border

The CSS property to change the border of an element to YUV 126.2250, 26.0181, 55.0537 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(189, 84, 179) }
```



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

```
.border{ border-color:rgb(189, 84, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 84, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 84, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 84, 179);  
box-shadow:4px 4px 4px 4px rgb(189, 84,  
179) }
```

# Background

The CSS property to change the background color of an element to YUV 126.2250, 26.0181, 55.0537 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 84, 179) }
```

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

```
.background{ background-color: rgb(189, 84,  
179) }
```

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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