

# Converting Colors

YUV(101.3550, 12.1500,  
69.8487)

Have a look what the booklet for  
YUV(101.3550, 12.1500, 69.8487)  
contains.

<b>YUV(101.3550, 12.1500, 69.8487)</b> .....	3
<b><i>Conversions</i></b> .....	4
<b><i>Details</i></b> .....	6
<b><i>Harmonies</i></b> .....	12
<b><i>Previews</i></b> .....	24
<b><i>Color Blindness Simulation</i></b> .....	28
<b><i>CSS Examples</i></b> .....	31

# Color

**YUV(101.3550, 12.1500,  
69.8487)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	B5387E
RGB	181, 56, 126
RGB Percent	71%, 22%, 49%
CMY	0.2902, 0.7804, 0.5059
CMYK	0.00, 0.69, 0.30, 0.29
HSL	326°, 53%, 46%
HSV	326°, 69%, 71%
XYZ	24.2361, 14.1585, 21.1941
YIQ	101.3550, 52.0300, 48.2700

# Conversions

## Conversions Part 2

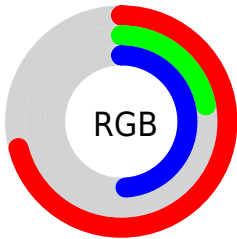
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	181, 56, 126
Decimal	11876478
CIE Lab	44.46, 56.46, -11.67
CIE LCh	44, 57.655, 348.324
Yxy	14.1585, 0.4067, 0.2376
Android (android.graphics.Color)	4290066558 (0xFFB5387E)
YUV	101.3550, 12.1500, 69.8487
Hunter-Lab	37.6277, 49.1238, -7.0562

# Details

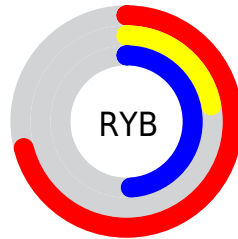
The YUV color **101.3550, 12.1500, 69.8487** is a dark color, and the websafe version is hex **990066**. A complement of this color would be **135.6450, -12.1500, -69.8487**, and the grayscale version is **101.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **157.9100, 10.3974, 71.9929**, and **45.8540, 15.3550, 68.5340** is the 20% darker color. If you saturate the color by 10%, you get **89.8770, 13.8646, 79.9149**, and if you desaturate by 10%, it is **112.8330, 10.4353, 59.7825**.

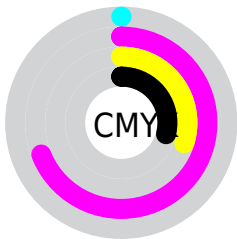
# Distribution



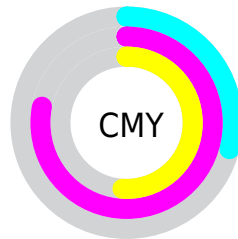
- Red (71%)
- Green (22%)
- Blue (49%)



- Red (71%)
- Yellow (22%)
- Blue (49%)



- Cyan (0%)
- Magenta (69%)
- Yellow (30%)
- Black (29%)



- Cyan (29%)
- Magenta (78%)
- Yellow (51%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 101.3550, 12.1500, 69.8487 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 101.3550, 12.1500, 69.8487 by changing the saturation by 10% instead.



101.3550, 12.1500,  
69.8487

101.3550, 12.1500,  
69.8487

255.0000, 0.0000,  
0.0000

70.4630, 15.0547,  
71.5079

157.9100, 10.3974,  
71.9929

45.8540, 15.3550,  
68.5340

181.9090, 11.8769,  
64.1008

34.8600, 9.4360,  
53.6198

201.5370, 16.0043,  
46.8871

24.3930, 4.2433,  
39.1203

220.3670, 17.0741,  
30.3731

13.9540, -3.4283,  
26.3503

237.3900, 8.6817,  
15.4440

0.0000, 0.0000,  
0.0000

101.3550, 12.1500,  
69.8487

101.3550, 12.1500,  
69.8487

89.8770, 13.8646,  
79.9149

112.8330, 10.4353,  
59.7825

78.3990, 15.5793,  
89.9811

124.3110, 8.7207,  
49.7163

66.9210, 17.2939,  
100.0473

135.7890, 7.0060,  
39.6500

65.6330, 17.4359,  
101.1769

147.2670, 5.2914,  
29.5838

159.3320, 3.2873,  
19.0028

170.8100, 1.5727,  
8.9366

182.2880, -0.1420,  
-1.1296

193.7660, -1.8566,

-11.1958

■ 205.2440, -3.5713,  
-21.2620

# Harmonies

## Analogous

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



107.9230, 30.6040, 30.7625



101.3550, 12.1500, 69.8487



97.6880, -9.7062, 80.0806

# Triad

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



101.3550, 12.1500, 69.8487



95.3450, -47.0051, 3.2054



92.8520, 40.9920, -81.4312

# Complementary

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



101.3550, 12.1500, 69.8487



135.6450, -12.1500, -69.8487

# 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.



89.8250, 21.7783, -78.7765



101.3550, 12.1500, 69.8487



85.4820, -24.8876, -44.2727

# Square

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



101.3550, 12.1500, 69.8487



98.8100, -48.7133, 37.8776



83.5380, 0.2278, -73.2628



90.8920, 53.7902, -79.7123



# Rectangle

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



101.3550, 12.1500, 69.8487



99.2190, -25.2510, 72.5989



83.5380, 0.2278, -73.2628



92.6580, 35.1716, -81.2611

# Sweetspot

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



101.3550, 12.1500, 69.8487



203.1420, 4.8600, 27.9395



86.3960, 46.6398, 20.7007



98.4950, 2.7140, 16.2289



245.0000, 0.0000, 0.0000



117.0000, 0.0000, 0.0000



# Same Dimension

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



101.3550, 12.1500, 69.8487



110.7310, 18.8666, 108.9839



94.2870, -14.9315, 76.0473



83.2610, 0.8573, 5.0331



55.5510, 15.0114, 85.4628



9.3700, 2.2826, 14.5845



# Inverse Universe

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



101.3550, 12.1500, 69.8487



110.7310, 18.8666, 108.9839



142.7130, 14.9315, -76.0473



83.2610, 0.8573, 5.0331



55.5510, 15.0114, 85.4628



9.3700, 2.2826, 14.5845



# Previews

## White Background



This preview shows how the YUV color 101.3550, 12.1500, 69.8487 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

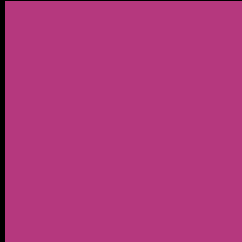
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 101.3550, 12.1500, 69.8487 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

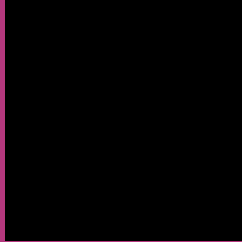
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 101.3550, 12.1500, 69.8487 Background



This preview shows how black text looks on a background with the YUV color 101.3550, 12.1500, 69.8487.



This preview shows how white text looks on a background with the YUV color 101.3550, 12.1500,



# 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

101.3550, 12.1500, 69.8487

### Protanopia

105.0020, 27.1140, -16.6648

### Deuteranopia

106.9170, 5.9569, 2.7038



## Tritanopia

102.4490, -14.0254, 65.3812

# Trichromacy



## Original Color

101.3550, 12.1500, 69.8487

## Protanomaly

104.1200, 21.6328, 14.8038

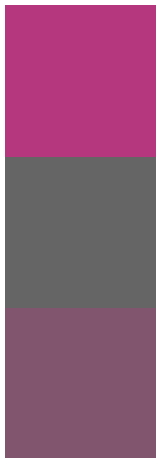
## Deuteranomaly

105.0540, 8.3544, 27.1396

## Tritanomaly

101.9790, -4.4266, 66.6704

# Monochromacy



## Original Color

101.3550, 12.1500, 69.8487

## Achromatopsia

101.0000, 0.0000, 0.0000

## Achromatomaly

101.3050, 4.2866, 25.1655

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 101.3550, 12.1500, 69.8487 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(181, 56, 126)` looks like.

```
.text, #text, p{  
    color:rgb(181, 56, 126)  
}
```

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(181, 56, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 56, 126) }
```

## Border

The CSS property to change the border of an element to YUV 101.3550, 12.1500, 69.8487 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(181, 56, 126) }
```



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

```
.border{ border-color:rgb(181, 56, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 56, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 56, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 56, 126);  
box-shadow:4px 4px 4px 4px rgb(181, 56,  
126) }
```

# Background

The CSS property to change the background color of an element to YUV 101.3550, 12.1500, 69.8487 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 56, 126) }
```

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

```
.background{ background-color: rgb(181, 56,  
126) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

**[Learn more, Memberships starting at \\$2.50/m!](#)**

**Follow me  
on Twitter!**

@ConvertingColor