

# Converting Colors

YUV(105.3540, 10.1785,  
48.8015)

Have a look what the booklet for  
YUV(105.3540, 10.1785, 48.8015)  
contains.

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# Color

**YUV(105.3540, 10.1785,  
48.8015)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A1497E
RGB	161, 73, 126
RGB Percent	63%, 29%, 49%
CMY	0.3686, 0.7137, 0.5059
CMYK	0.00, 0.55, 0.22, 0.37
HSL	324°, 38%, 46%
HSV	324°, 55%, 63%
XYZ	20.8464, 13.8485, 21.3130
YIQ	105.3540, 35.4350, 35.1390

# Conversions

## Conversions Part 2

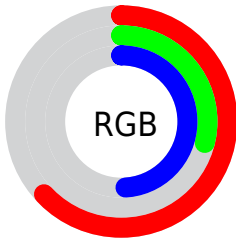
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	161, 73, 126
Decimal	10570110
CIE <sub>Lab</sub>	44.01, 42.85, -12.65
CIE <sub>LCh</sub>	44, 44.676, 343.551
Yxy	13.8485, 0.3722, 0.2473
Android (android.graphics.Color)	4288760190 (0xFFA1497E)
YUV	105.3540, 10.1785, 48.8015
Hunter-Lab	37.2136, 34.8687, -7.9071

# Details

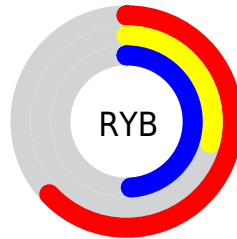
The YUV color **105.3540, 10.1785, 48.8015** is a dark color, and the websafe version is hex **993366**. A complement of this color would be **128.6460, -10.1785, -48.8015**, and the grayscale version is **105.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **158.9630, 9.8782, 51.7754**, and **51.9240, 12.3625, 48.3017** is the 20% darker color. If you saturate the color by 10%, you get **95.2780, 12.1879, 57.6382**, and if you desaturate by 10%, it is **115.4300, 8.1690, 39.9649**.

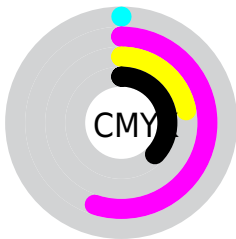
# Distribution



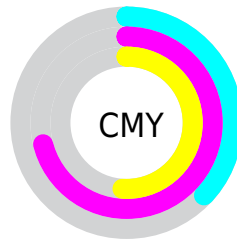
- Red (63%)
- Green (29%)
- Blue (49%)



- Red (63%)
- Yellow (29%)
- Blue (49%)



- Cyan (0%)
- Magenta (55%)
- Yellow (22%)
- Black (37%)




- Cyan (37%)
- Magenta (71%)
- Yellow (51%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 105.3540, 10.1785, 48.8015 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 105.3540, 10.1785, 48.8015 by changing the saturation by 10% instead.




 105.3540, 10.1785,  
48.8015


 105.3540, 10.1785,  
48.8015


255.0000, 0.0000,  
0.0000


 78.8700, 10.9101,  
47.4720


 158.9630, 9.8782,  
51.7754


 51.9240, 12.3625,  
48.3017


 186.5610, 9.5834,  
53.0050

 30.0760, 11.7945,  
43.7833

 208.5810, 12.5316,  
40.7095

 20.5060, 6.1595,  
31.1282

 227.4110, 13.6014,  
24.1956

 9.6540, -1.8014,  
17.8434

 243.8470, 5.4984,  
9.7812

 0.0000, 0.0000,  
0.0000

105.3540, 10.1785,  
48.8015

105.3540, 10.1785,  
48.8015

95.2780, 12.1879,  
57.6382

115.4300, 8.1690,  
39.9649

85.0880, 13.7606,  
66.5748

125.6200, 6.5963,  
31.0283

75.0120, 15.7701,  
75.4115

135.6960, 4.5869,  
22.1916

64.8220, 17.3428,  
84.3481

145.8860, 3.0142,  
13.2550

59.1970, 18.6369,  
89.2812

156.5490, 0.7153,  
3.9035

166.6250, -1.2941,  
-4.9331

176.8150, -2.8668,  
-13.8698

186.8910, -4.8763,

-22.7064

■ 197.0810, -6.4489,  
-31.6430

# Harmonies

## Analogous

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



107.3530, 24.9690, 18.1074



105.3540, 10.1785, 48.8015



102.6640, -6.7364, 60.8077

# Triad

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



105.3540, 10.1785, 48.8015



97.8370, -36.4016, 8.9130



87.9960, 32.5400, -77.1725

# Complementary

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



105.3540, 10.1785, 48.8015



128.6460, -10.1785, -48.8015

# 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.



85.2940, 17.1101, -74.8028



105.3540, 10.1785, 48.8015



93.1840, -22.7687, -23.8404

# Square

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



105.3540, 10.1785, 48.8015



100.9310, -35.4620, 34.2635



80.3750, 0.8011, -70.4889



86.8680, 43.4491, -76.1832



# Rectangle

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



105.3540, 10.1785, 48.8015



102.2540, -18.3662, 57.6592



80.3750, 0.8011, -70.4889



87.4430, 27.8826, -76.6875

# Sweetspot

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



105.3540, 10.1785, 48.8015



188.1470, 3.8715, 18.2881



93.1980, 33.4264, 12.1044



92.3480, 2.2934, 11.0958



232.0000, 0.0000, 0.0000



105.0000, 0.0000, 0.0000



# Same Dimension

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



105.3540, 10.1785, 48.8015



121.7240, 15.9121, 76.5411



100.4520, -8.6038, 53.1006



76.2610, 0.8573, 5.0331



53.3870, 17.0642, 80.3446



6.6360, 2.1515, 9.9662



# Inverse Universe

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



105.3540, 10.1785, 48.8015



121.7240, 15.9121, 76.5411



133.5480, 8.6038, -53.1006



76.2610, 0.8573, 5.0331



53.3870, 17.0642, 80.3446

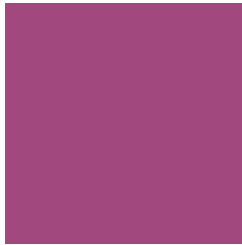


6.6360, 2.1515, 9.9662



# Previews

## White Background



This preview shows how the YUV color 105.3540, 10.1785, 48.8015 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

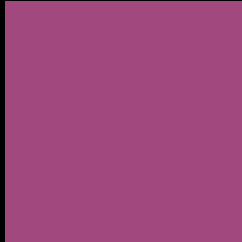
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 105.3540, 10.1785, 48.8015 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

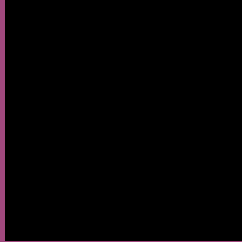
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 105.3540, 10.1785, 48.8015

## Background



This preview shows how black text looks on a background with the YUV color 105.3540, 10.1785, 48.8015.



This preview shows how white text looks on a background with the YUV color 105.3540, 10.1785,



# 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

105.3540, 10.1785, 48.8015

### Protanopia

104.5420, 21.4248, -11.8763

### Deuteranopia

105.6610, 7.5621, 1.1743



## Tritanopia

104.9950, -8.8715, 45.6084

# Trichromacy



## Original Color

105.3540, 10.1785, 48.8015

## Protanomaly

104.6480, 17.4285, 9.9557

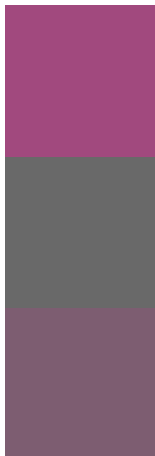
## Deuteranomaly

105.4120, 8.6709, 18.9327

## Tritanomaly

105.1290, -2.0356, 46.3679

# Monochromacy



## Original Color

105.3540, 10.1785, 48.8015

## Achromatopsia

105.0000, 0.0000, 0.0000

## Achromatomaly

104.8480, 4.0189, 17.6733

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 105.3540, 10.1785, 48.8015 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(161, 73, 126)` looks like.

```
.text, #text, p{  
  color:rgb(161, 73, 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(161, 73, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 73, 126) }
```

## Border

The CSS property to change the border of an element to YUV 105.3540, 10.1785, 48.8015 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(161, 73, 126) }
```



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

```
.border{ border-color:rgb(161, 73, 126) }
```

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

Here you see how a box with a 4 pixel rgb(161, 73, 126) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 73, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 73, 126);  
box-shadow:4px 4px 4px 4px rgb(161, 73,  
126) }
```

# Background

The CSS property to change the background color of an element to YUV 105.3540, 10.1785, 48.8015 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 73, 126) }
```

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

```
.background{ background-color: rgb(161, 73,  
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](#).

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