

# Converting Colors

YUV(104.9990, 35.4965,  
48.2359)

Have a look what the booklet for  
YUV(104.9990, 35.4965, 48.2359)  
contains.

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# Color

**YUV(104.9990, 35.4965,  
48.2359)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	A03FB1
RGB	160, 63, 177
RGB Percent	63%, 25%, 69%
CMY	0.3725, 0.7529, 0.3059
CMYK	0.10, 0.64, 0.00, 0.31
HSL	291°, 48%, 47%
HSV	291°, 64%, 69%
XYZ	24.2105, 14.2029, 43.0604
YIQ	104.9990, 21.2180, 56.0180

# Conversions

## Conversions Part 2

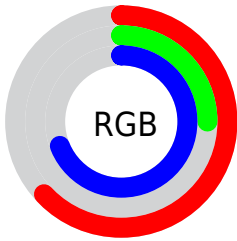
<b>Format</b>	<b>Color</b>
<b>RYB</b>	160, 63, 177
Decimal	10502065
CIELab	44.52, 56.08, -42.45
CIElCh	45, 70.335, 322.872
Yxy	14.2029, 0.2972, 0.1743
Android (android.graphics.Color)	4288692145 (0xFFA03FB1)
YUV	104.9990, 35.4965, 48.2359
Hunter-Lab	37.6868, 48.7192, -41.3632

# Details

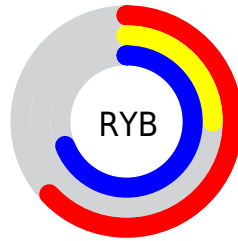
The YUV color **104.9990, 35.4965, 48.2359** is a dark color, and the websafe version is hex **993399**. A complement of this color would be **135.0010, -35.4965, -48.2359**, and the grayscale version is **105.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **160.1240, 35.9279, 49.8803**, and **45.5310, 38.6852, 52.1543** is the 20% darker color. If you saturate the color by 10%, you get **93.5360, 41.1478, 55.6579**, and if you desaturate by 10%, it is **116.4620, 29.8452, 40.8138**.

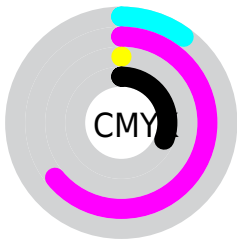
# Distribution



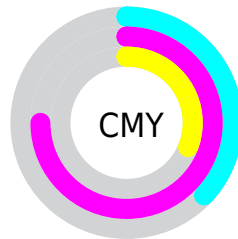
- Red (63%)
- Green (25%)
- Blue (69%)



- Red (63%)
- Yellow (25%)
- Blue (69%)



- Cyan (10%)
- Magenta (64%)
- Yellow (0%)
- Black (31%)




- Cyan (37%)
- Magenta (75%)
- Yellow (31%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 104.9990, 35.4965, 48.2359 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 104.9990, 35.4965, 48.2359 by changing the saturation by 10% instead.





 104.9990, 35.4965,  
48.2359


 104.9990, 35.4965,  
48.2359


255.0000, 0.0000,  
0.0000


 76.5260, 36.2227,  
48.6507


 160.1240, 35.9279,  
49.8803


 45.5310, 38.6852,  
52.1543


 187.4510, 33.3017,  
52.2245

 34.4940, 31.3085,  
38.1548


 206.2790, 24.0195,  
42.7283

 23.9840, 24.6579,  
24.5700

 223.3020, 15.6271,  
27.7991

 13.4740, 18.0073,  
10.9853

 240.3250, 7.2348,  
12.8700

 4.3660, 11.6516,  
-3.8290

 0.0000, 0.0000,

0.0000

■ 104.9990, 35.4965,  
48.2359

■ 104.9990, 35.4965,  
48.2359

■ 93.5360, 41.1478,  
55.6579

■ 116.4620, 29.8452,  
40.8138

■ 82.9590, 46.3622,  
63.1800

■ 127.0390, 24.6308,  
33.2918

■ 71.4960, 52.0135,  
70.6020

■ 138.5020, 18.9795,  
25.8697

■ 65.3270, 55.0548,  
75.1352

■ 149.9650, 13.3283,  
18.4477

■ 161.1290, 7.8244,  
10.4109

■ 172.0050, 2.4625,  
3.5036

■ 183.1690, -3.0413,  
-4.5332

■ 194.6320, -8.6926,  
-11.9553

■ 205.5080,  
-14.0544, -18.8625

# Harmonies

## Analogous

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



98.5030, 57.4330, -34.6441



104.9990, 35.4965, 48.2359



86.6220, 17.4414, 99.4325

# Triad

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



104.9990, 35.4965, 48.2359



99.3860, -48.9973, 35.6185



93.2960, 27.4621, -81.8206

# Complementary

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



104.9990, 35.4965, 48.2359



135.0010, -35.4965, -48.2359

# 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.



85.8690, 1.5436, -75.3071



104.9990, 35.4965, 48.2359



92.9200, -45.8096, -6.9458

# Square

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



104.9990, 35.4965, 48.2359



95.2090, -46.9380, 75.2387



75.9970, -26.1275, -66.6494



97.2350, 50.1701, -85.2751



# Rectangle

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



104.9990, 35.4965, 48.2359



82.7960, 0.1006, 108.0499



75.9970, -26.1275, -66.6494



91.1300, 19.1629, -79.9210

# Sweetspot

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



104.9990, 35.4965, 48.2359



202.0790, 13.7651, 18.3477



85.9750, 44.8753, -20.1491



97.9550, 8.4032, 11.4405



242.0000, 0.0000, 0.0000



115.0000, 0.0000, 0.0000



# Same Dimension

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



104.9990, 35.4965, 48.2359



118.0280, 55.2022, 74.5204



105.5220, 15.5187, 62.6862



83.4180, 2.7519, 4.0184



56.3120, 47.6672, 64.6244



9.5420, 8.1138, 10.9257



# Inverse Universe

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



99.0240, -9.3788, 68.3850



108.8870, -14.7343, 106.2161



134.4780, -15.5187, -62.6862



82.9190, -0.4531, 5.3330



48.3690, -12.5069, 91.7614



8.2300, -2.0854, 15.5843



# Previews

## White Background



This preview shows how the YUV color 104.9990, 35.4965, 48.2359 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

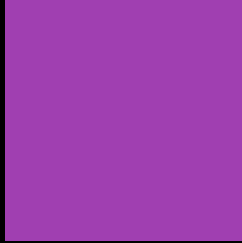
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 104.9990, 35.4965, 48.2359 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

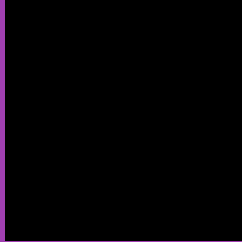
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 104.9990, 35.4965, 48.2359

## Background



This preview shows how black text looks on a background with the YUV color 104.9990, 35.4965, 48.2359.



This preview shows how white text looks on a background with the YUV color 104.9990, 35.4965,



# 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

104.9990, 35.4965, 48.2359

### Protanopia

90.0650, 61.5930, -62.3240

### Deuteranopia

102.1190, 32.9723, -29.0454



## Tritanopia

106.9230, -6.3710, 36.9015

# Trichromacy



## Original Color

104.9990, 35.4965, 48.2359

## Protanomaly

95.5000, 52.0115, -22.3635

## Deuteranomaly

102.9360, 34.0486, -0.8209

## Tritanomaly

106.2560, 8.7478, 40.9945

# Monochromacy



## Original Color

104.9990, 35.4965, 48.2359

## Achromatopsia

105.0000, 0.0000, 0.0000

## Achromatomaly

105.1390, 12.7495, 17.4181

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 104.9990, 35.4965, 48.2359 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(160, 63, 177)` looks like.

```
.text, #text, p{  
    color:rgb(160, 63, 177)  
}
```

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(160, 63, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 63, 177) }
```

## Border

The CSS property to change the border of an element to YUV 104.9990, 35.4965, 48.2359 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(160, 63, 177) }
```



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

```
.border{ border-color:rgb(160, 63, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 63, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 63, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 63, 177);  
box-shadow:4px 4px 4px 4px rgb(160, 63,  
177) }
```

# Background

The CSS property to change the background color of an element to YUV 104.9990, 35.4965, 48.2359 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 63, 177) }
```

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

```
.background{ background-color: rgb(160, 63,  
177) }
```

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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