

# Converting Colors

YUV(109.7340, 67.6721,  
41.4523)

Have a look what the booklet for  
YUV(109.7340, 67.6721, 41.4523)  
contains.

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# Color

**YUV(109.7340, 67.6721,  
41.4523)**

# Conversions

## Conversions Part 1

Format	Color
Hex	9D3BF7
RGB	157, 59, 247
RGB Percent	62%, 23%, 97%
CMY	0.3843, 0.7686, 0.0314
CMYK	0.36, 0.76, 0.00, 0.03
HSL	271°, 92%, 60%
HSV	271°, 76%, 97%
XYZ	32.2571, 17.0114, 89.5791
YIQ	109.7340, -1.9400, 79.2440

# Conversions

## Conversions Part 2

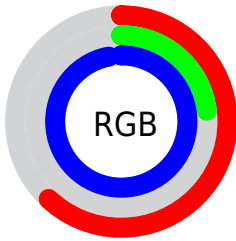
<b>Format</b>	<b>Color</b>
<b>RYB</b>	157, 59, 247
Decimal	10304503
CIELab	48.27, 71.72, -76.59
CIELCh	48, 104.924, 313.121
Yxy	17.0114, 0.2323, 0.1225
Android (android.graphics.Color)	4288494583 (0xFF9D3BF7)
YUV	109.7340, 67.6721, 41.4523
Hunter-Lab	41.2449, 67.4239, -99.8994

# Details

The YUV color **109.7340, 67.6721, 41.4523** is a light color, and the websafe version is hex **9933FF**. The color can be described as light washed purple. A complement of this color would be **196.2660, -67.6721, -41.4523**, and the grayscale version is **109.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **162.0450, 45.8268, 48.1955**, and **50.2500, 68.4038, 40.1228** is the 20% darker color. If you saturate the color by 10%, you get **91.4710, 76.6758, 46.9449**, and if you desaturate by 10%, it is **127.9970, 58.6685, 35.9596**.

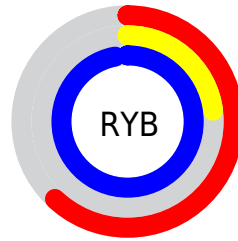
# Distribution



Red (62%)

Green (23%)

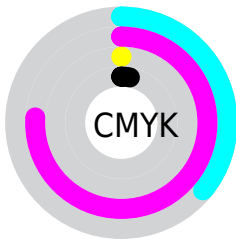
Blue (97%)



Red (62%)

Yellow (23%)

Blue (97%)

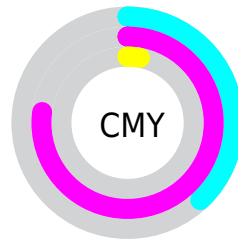


Cyan (36%)

Magenta (76%)

Yellow (0%)

Black (3%)



Cyan (38%)

Magenta (77%)


Yellow (3%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 109.7340, 67.6721, 41.4523 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 109.7340, 67.6721, 41.4523 by changing the saturation by 10% instead.




 109.7340, 67.6721,  
41.4523


 109.7340, 67.6721,  
41.4523


255.0000, 0.0000,  
0.0000


 77.5000, 69.2665,  
43.4115


 162.0450, 45.8268,  
48.1955


 50.2500, 68.4038,  
40.1228


 187.7500, 33.1542,  
52.8392


 37.4900, 60.8904,  
23.2493


 206.2790, 24.0195,  
42.7283

 22.1530, 55.1406,  
0.7428

 223.3020, 15.6271,  
27.7991

 12.3120, 47.1742,  
-10.7976

 240.3250, 7.2348,  
12.8700

 9.3480, 35.8174,  
-8.1982

 10.1340, 23.5979,

-8.8875

■ 5.2780, 15.1459,  
-4.6288

■ 1.2540, 4.8048,  
-1.0998

■ 109.7340, 67.6721,  
41.4523

■ 109.7340, 67.6721,  
41.4523

■ 91.4710, 76.6758,  
46.9449

■ 127.9970, 58.6685,  
35.9596

■ 73.7950, 85.3901,  
51.9228

■ 145.6730, 49.9542,  
30.9818

■ 66.7290, 88.8736,  
54.6117

■ 163.6370, 41.0980,  
24.8744

■ 181.9000, 32.0943,  
19.3817

199.5760, 23.3800,  
14.4038

217.8390, 14.3764,  
8.9112

236.1020, 5.3727,  
3.4185

253.1910, -3.0522,  
-1.0445

254.0880, -3.4944,  
0.7998

# Harmonies

## Analogous

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



97.1620, 77.8141, -85.2111



109.7340, 67.6721, 41.4523



90.9120, 38.0044, 130.7502

# Triad

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



109.7340, 67.6721, 41.4523



107.2370, -52.8678, 63.8132



103.7310, 24.2896, -90.9721

# Complementary

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



109.7340, 67.6721, 41.4523



196.2660, -67.6721, -41.4523

# 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.



91.7270, -16.6274, -80.4446



109.7340, 67.6721, 41.4523



103.2970, -50.9254, 0.6165

# Square

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



109.7340, 67.6721, 41.4523



69.9660, -34.4932, 143.8578



81.0060, -39.9360, -71.0423



113.8940, 60.6913, -99.8850



# Rectangle

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



109.7340, 67.6721, 41.4523



88.7850, 10.4590, 145.7706



81.0060, -39.9360, -71.0423



100.1970, 10.7489, -87.8728

# Sweetspot

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



109.7340, 67.6721, 41.4523



211.9950, 21.2015, 13.1594



133.8490, 55.7834, -65.6426



101.4860, 13.0714, 7.4668



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.



109.7340, 67.6721, 41.4523



85.6270, 83.5009, 51.1931



136.3020, 53.0951, 97.0821



113.4610, 4.2097, 3.1037



50.2070, 66.9459, 41.0375



15.9950, 21.2015, 13.1594



# Inverse Universe

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



125.4720, 11.5993, 106.5801



105.0220, 14.2862, 131.5307



169.6980, -53.0951, -97.0821



114.2720, 0.8519, 6.7775



65.7600, 11.4573, 105.4505

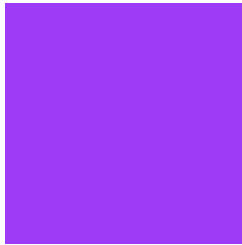


20.8330, 3.5333, 33.4725



# Previews

## White Background



This preview shows how the YUV color 109.7340, 67.6721, 41.4523 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

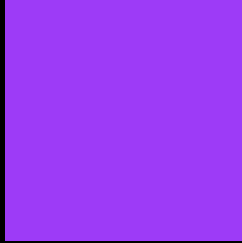
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 109.7340, 67.6721, 41.4523 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA × Fail

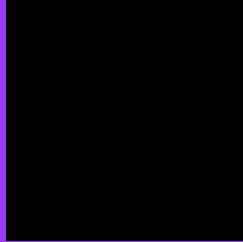
Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

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

# YUV 109.7340, 67.6721, 41.4523

## Background



This preview shows how black text looks on a background with the YUV color 109.7340, 67.6721, 41.4523.



This preview shows how white text looks on a background with the YUV color 109.7340, 67.6721,

41.4523.

# 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

109.7340, 67.6721, 41.4523

### Protanopia

91.7190, 69.6515, -80.4376

### Deuteranopia

91.7070, 54.3744, -80.4270



## Tritanopia

115.9030, 0.5408, 13.2401

# Trichromacy



## Original Color

109.7340, 67.6721, 41.4523



## Protanomaly

98.1790, 68.9318, -36.1140



## Deuteranomaly

98.2470, 59.0382, -36.1736



## Tritanomaly

113.3860, 24.9527, 23.3405

# Monochromacy



## Original Color

109.7340, 67.6721, 41.4523



## Achromatopsia

110.0000, 0.0000, 0.0000



## Achromatomaly

109.6300, 24.8324, 15.2335

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 109.7340, 67.6721, 41.4523 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(157, 59, 247)` looks like.

```
.text, #text, p{  
    color:rgb(157, 59, 247)  
}
```

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(157, 59, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 59, 247) }
```

## Border

The CSS property to change the border of an element to YUV 109.7340, 67.6721, 41.4523 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(157, 59, 247) }
```



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

```
.border{ border-color:rgb(157, 59, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 59, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 59, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 59, 247);  
box-shadow:4px 4px 4px 4px rgb(157, 59,  
247) }
```

# Background

The CSS property to change the background color of an element to YUV 109.7340, 67.6721, 41.4523 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 59, 247) }
```

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

```
.background{ background-color: rgb(157, 59,  
247) }
```

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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