

# Converting Colors

YUV(113.2410, 61.9992,  
41.0076)

Have a look what the booklet for  
YUV(113.2410, 61.9992, 41.0076)  
contains.

<b>YUV(113.2410, 61.9992, 41.0076)</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> .....	30

# Color

**YUV(113.2410, 61.9992,  
41.0076)**

# Conversions

## Conversions Part 1

Format	Color
Hex	A041EF
RGB	160, 65, 239
RGB Percent	63%, 25%, 94%
CMY	0.3725, 0.7451, 0.0627
CMYK	0.33, 0.73, 0.00, 0.06
HSL	273°, 84%, 60%
HSV	273°, 73%, 94%
XYZ	31.9675, 17.4862, 83.3516
YIQ	113.2410, 0.7660, 74.2540

# Conversions

## Conversions Part 2

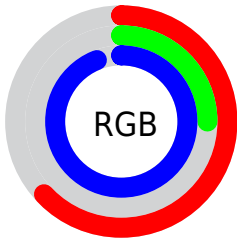
<b>Format</b>	<b>Color</b>
R <sub>Y</sub> B	160, 65, 239
Decimal	10502639
CIE Lab	48.87, 68.12, -71.12
CIE LCh	49, 98.478, 313.766
Yxy	17.4862, 0.2407, 0.1317
Android (android.graphics.Color)	4288692719 (0xFFA041EF)
YUV	113.2410, 61.9992, 41.0076
Hunter-Lab	41.8165, 63.2793, -88.9096

# Details

The YUV color **113.2410, 61.9992, 41.0076** is a light color, and the websafe version is hex **9933CC**. The color can be described as light muted purple. A complement of this color would be **190.7590, -61.9992, -41.0076**, and the grayscale version is **113.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **165.8770, 43.9376, 47.4659**, and **50.9470, 64.6091, 43.8965** is the 20% darker color. If you saturate the color by 10%, you get **95.8640, 70.5660, 46.6003**, and if you desaturate by 10%, it is **130.6180, 53.4323, 35.4150**.

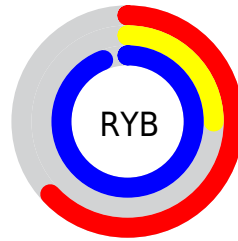
# Distribution



Red (63%)

Green (25%)

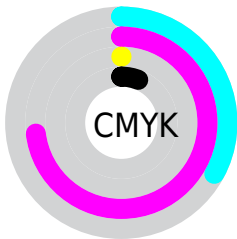
Blue (94%)



Red (63%)

Yellow (25%)

Blue (94%)

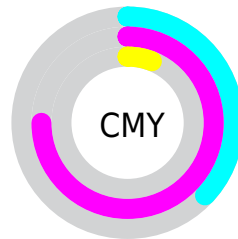


Cyan (33%)

Magenta (73%)

Yellow (0%)

Black (6%)



Cyan (37%)

Magenta (75%)

Yellow (6%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 113.2410, 61.9992, 41.0076 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 113.2410, 61.9992, 41.0076 by changing the saturation by 10% instead.



■ 113.2410, 61.9992,  
41.0076

■ 113.2410, 61.9992,  
41.0076

255.0000, 0.0000,  
0.0000

■ 82.7680, 62.7254,  
41.4225

■ 165.8770, 43.9376,  
47.4659

■ 50.9470, 64.6091,  
43.8965

■ 191.2830, 31.4125,  
51.4948

■ 38.4860, 56.9484,  
27.6378

■ 209.2140, 22.5725,  
40.1543

■ 24.9430, 50.3141,  
8.8200

■ 226.2370, 14.1802,  
25.2252

■ 11.5140, 44.1166,  
-10.0978

■ 243.2600, 5.7878,  
10.2960

■ 8.6640, 33.1966,  
-7.5983

■ 8.2760, 21.5559,

-7.2581

■ 4.5940, 12.5252,  
-4.0289

■ 0.0000, 0.0000,  
0.0000

■ 113.2410, 61.9992,  
41.0076

■ 113.2410, 61.9992,  
41.0076

■ 95.8640, 70.5660,  
46.6003

■ 130.6180, 53.4323,  
35.4150

■ 78.4870, 79.1329,  
52.1929

■ 147.9950, 44.8655,  
29.8224

■ 66.1160, 85.2318,  
56.0263

■ 165.3720, 36.2986,  
24.2298

■ 182.4500, 27.8792,  
18.0224

199.2400, 19.6017,  
12.9445

216.6170, 11.0348,  
7.3519

233.9940, 2.4680,  
1.7593

250.7840, -5.8095,  
-3.3186

253.1760, -6.9888,  
1.5996

# 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



113.2410, 61.9992, 41.0076



89.3740, 37.2836, 128.5910

# Triad

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



113.2410, 61.9992, 41.0076



108.9870, -53.7306, 60.5244



104.4320, 24.4370, -91.5869

# Complementary

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



113.2410, 61.9992, 41.0076



190.7590, -61.9992, -41.0076

# 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.



92.5250, -13.5698, -81.1444



113.2410, 61.9992, 41.0076



105.0690, -51.7990, 0.8165

# Square

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



113.2410, 61.9992, 41.0076



84.6190, -41.7172, 127.4991



81.5930, -40.2253, -71.5571



113.3240, 58.5073, -99.3851



# Rectangle

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



113.2410, 61.9992, 41.0076



88.1870, 10.7538, 144.5410



81.5930, -40.2253, -71.5571



100.5390, 12.0593, -88.1727

# Sweetspot

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



113.2410, 61.9992, 41.0076



214.6530, 19.8911, 13.4593



132.3830, 52.5622, -59.0949



103.2580, 12.1978, 7.6667



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.



113.2410, 61.9992, 41.0076



94.4870, 79.1329, 52.1929



136.1780, 47.7332, 90.1749



111.1620, 4.3571, 2.4889



50.8760, 65.6301, 43.0817



15.6530, 19.8911, 13.4593



# Inverse Universe

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



126.0320, 8.8582, 99.0729



110.8920, 11.3922, 126.3827



167.8220, -47.7332, -90.1749



112.1580, 0.4151, 6.8774



64.4780, 9.1313, 104.8208

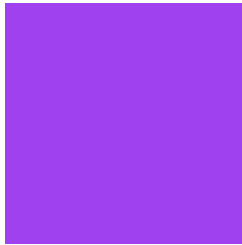


19.5940, 2.6652, 31.9281



# Previews

## White Background



This preview shows how the YUV color 113.2410, 61.9992, 41.0076 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

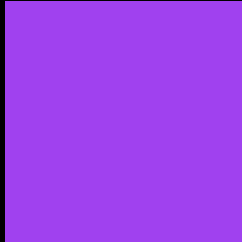
Any Text WCAG AA ✓ Pass

Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 113.2410, 61.9992, 41.0076 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

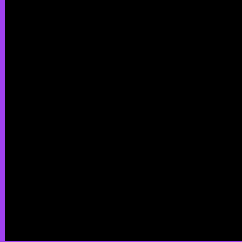
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YUV 113.2410, 61.9992, 41.0076

## Background



This preview shows how black text looks on a background with the YUV color 113.2410, 61.9992, 41.0076.



This preview shows how white text looks on a background with the YUV color 113.2410, 61.9992,



# 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

113.2410, 61.9992, 41.0076

### Protanopia

92.7620, 71.1093, -81.3523

### Tritanopia

117.6970, -0.3436, 16.9287

# Trichromacy



## Original Color

113.2410, 61.9992, 41.0076



## Protanomaly

100.2390, 67.9162, -37.0436



## Tritanomaly

115.7130, 22.3265, 25.6847

# Monochromacy



## Original Color

113.2410, 61.9992, 41.0076



## Achromatopsia

113.0000, 0.0000, 0.0000



## Achromatomaly

113.3480, 22.5064, 14.6038

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 113.2410, 61.9992, 41.0076 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, 65, 239)` looks like.

```
.text, #text, p{  
    color:rgb(160, 65, 239)  
}
```

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, 65, 239) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 65, 239) }
```

## Border

The CSS property to change the border of an element to YUV 113.2410, 61.9992, 41.0076 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, 65, 239) }
```

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

```
.border{ border-color:rgb(160, 65, 239) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 65, 239)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 65, 239); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 65, 239);  
box-shadow:4px 4px 4px 4px rgb(160, 65,  
239) }
```



# Background

The CSS property to change the background color of an element to YUV 113.2410, 61.9992, 41.0076 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 65, 239) }
```

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

```
.background{ background-color: rgb(160, 65,  
239) }
```

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