

# Converting Colors

YUV(101.4410, 69.2956,  
127.6552)

Have a look what the booklet for  
YUV(101.4410, 69.2956, 127.6552)  
contains.

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# Color

**YUV(101.4410, 69.2956,  
127.6552)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F700F2
RGB	247, 0, 242
RGB Percent	97%, 0%, 95%
CMY	0.0314, 1.0000, 0.0510
CMYK	0.00, 1.00, 0.02, 0.03
HSL	301°, 100%, 48%
HSV	301°, 100%, 97%
XYZ	54.3848, 26.1850, 86.1922
YIQ	101.4410, 69.5300, 127.6260

# Conversions

## Conversions Part 2

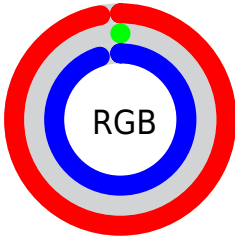
Format	Color
<b>RYB</b>	247, 0, 242
Decimal	16187634
CIELab	58.21, 95.22, -57.06
CIELCh	58, 111.005, 329.067
Yxy	26.1850, 0.3261, 0.1570
Android (android.graphics.Color)	4294377714 (0xFFFF700F2)
YUV	101.4410, 69.2956, 127.6552
Hunter-Lab	51.1712, 100.1601, -64.0475

# Details

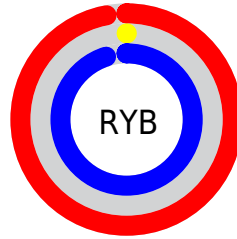
The YUV color **101.4410, 69.2956, 127.6552** is a light color, and the websafe version is hex **FF33FF**. The color can be described as light saturated magenta. A complement of this color would be **145.5590, -69.2956, -127.6552**, and the grayscale version is **101.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **165.7760, 43.9874, 78.2494**, and **76.7040, 53.3899, 95.8526** is the 20% darker color. If you saturate the color by 10%, you get **101.4410, 69.2956, 127.6552**, and if you desaturate by 10%, it is **116.1160, 62.0608, 114.7853**.

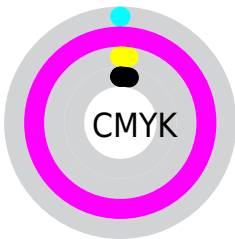
# Distribution



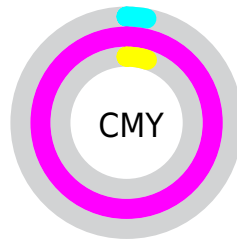
- Red (97%)
- Green (0%)
- Blue (95%)



- Red (97%)
- Yellow (0%)
- Blue (95%)



- Cyan (0%)
- Magenta (100%)
- Yellow (2%)
- Black (3%)




- Cyan (3%)
- Magenta (100%)
- Yellow (5%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 101.4410, 69.2956, 127.6552 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 101.4410, 69.2956, 127.6552 by changing the saturation by 10% instead.





 101.4410, 69.2956,  
127.6552


 101.4410, 69.2956,  
127.6552


255.0000, 0.0000,  
0.0000


 88.8660, 61.1981,  
111.4965


 165.7760, 43.9874,  
78.2494


 76.7040, 53.3899,  
95.8526


 185.1470, 34.4375,  
61.2611

 64.2430, 45.7292,  
79.5939

 203.3440, 25.4664,  
45.3023

 52.3090, 38.7947,  
63.7500

 222.1280, 16.2059,  
28.8287

 40.6740, 31.7127,  
48.5209

 240.3250, 7.2348,  
12.8700

 29.4520, 24.9202,  
33.8066

 17.1480, 19.1540,

16.5332

■ 4.3490, 14.1249,  
-3.8141

■ 0.5700, 2.1840,  
-0.4999

■ 101.4410, 69.2956,  
127.6552

■ 116.1160, 62.0608,  
114.7853

■ 130.3180, 55.5522,  
102.3301

■ 144.9930, 48.3175,  
89.4601

■ 159.7820, 41.5195,  
76.4902

174.4570, 34.2847,  
63.6202

188.6590, 27.7761,  
51.1651

203.3340, 20.5413,  
38.2951

218.1230, 13.7434,  
25.3251

232.2110, 6.7980,  
12.9700

# Harmonies

## Analogous

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



124.6810, 64.2473, -26.9072



101.4410, 69.2956, 127.6552



93.1170, 27.0573, 141.9714

# Triad

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



101.4410, 69.2956, 127.6552



131.5590, -64.8586, 36.3438



131.0480, 50.2623, -114.9291

# Complementary

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



101.4410, 69.2956, 127.6552



145.5590, -69.2956, -127.6552

# 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.



118.5880, 7.5981, -104.0017



101.4410, 69.2956, 127.6552



114.5510, -56.4736, -39.9482

# Square

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



101.4410, 69.2956, 127.6552



124.9110, -61.5811, 105.3181



101.4030, -45.5547, -88.9304



130.6210, 61.3188, -114.5546



# Rectangle

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



101.4410, 69.2956, 127.6552



85.9350, -0.4610, 148.2700



101.4030, -45.5547, -88.9304



127.5140, 36.7216, -111.8298

# Sweetspot

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



101.4410, 69.2956, 127.6552



210.1600, 21.1201, 39.3247



29.3540, 107.2995, -22.2355



100.8840, 12.8752, 23.7807



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.



101.4410, 69.2956, 127.6552



104.7450, 71.6107, 131.7736



87.4190, 15.5694, 139.9525



114.9560, 3.4727, 6.1776



76.3620, 52.0795, 96.1525



24.1390, 16.2005, 30.5731



# Inverse Universe

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



101.4410, 69.2956, 127.6552



104.7450, 71.6107, 131.7736



159.5810, -15.5694, -139.9525



114.9560, 3.4727, 6.1776



76.3620, 52.0795, 96.1525



24.1390, 16.2005, 30.5731



# Previews

## White Background



This preview shows how the YUV color 101.4410, 69.2956, 127.6552 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

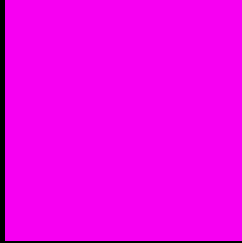
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 101.4410, 69.2956, 127.6552 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 101.4410, 69.2956, 127.6552 Background



This preview shows how black text looks on a background with the YUV color 101.4410, 69.2956, 127.6552.



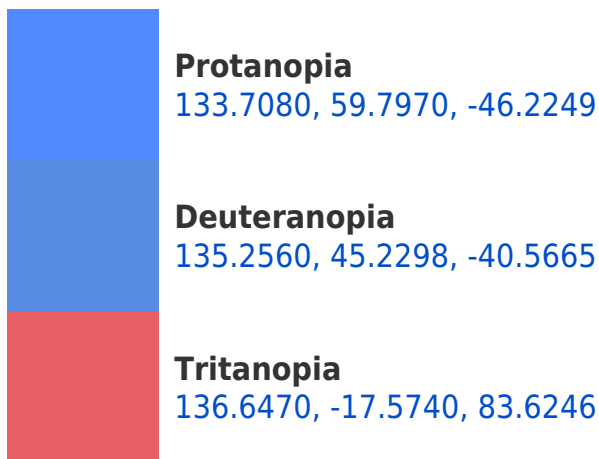
This preview shows how white text looks on a background with the YUV color 101.4410, 69.2956, 127.6552.

127.6552.

# 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



# Trichromacy



## Protanomaly

121.7280, 63.2381, 16.9015

## Deuteranomaly

122.9320, 53.7705, 20.2306

## Tritanomaly

123.4110, 14.0944, 99.6176

# Monochromacy



## Achromatopsia

101.0000, 0.0000, 0.0000

## Achromatomaly

100.9420, 25.1716, 46.5319

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 101.4410, 69.2956, 127.6552 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(247, 0, 242)` looks like.

```
.text, #text, p{  
    color:rgb(247, 0, 242)  
}
```

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(247, 0, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 0, 242) }
```

## Border

The CSS property to change the border of an element to YUV 101.4410, 69.2956, 127.6552 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(247, 0, 242) }
```

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

```
.border{ border-color:rgb(247, 0, 242) }
```

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

Here you see how a box with a 4 pixel rgb(247, 0, 242) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 0, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 0, 242);  
box-shadow:4px 4px 4px 4px rgb(247, 0,  
242) }
```



# Background

The CSS property to change the background color of an element to YUV 101.4410, 69.2956, 127.6552 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 0, 242) }
```

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

```
.background{ background-color: rgb(247, 0,  
242) }
```

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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