

# Converting Colors

YUV(124.9190, 47.3679,  
114.0810)

Have a look what the booklet for  
YUV(124.9190, 47.3679, 114.0810)  
contains.

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# Color

**YUV(124.9190, 47.3679,  
114.0810)**

# Conversions

## Conversions Part 1

Format	Color
Hex	FF28DD
RGB	255, 40, 221
RGB Percent	100%, 16%, 87%
CMY	0.0000, 0.8431, 0.1333
CMYK	0.00, 0.84, 0.13, 0.00
HSL	309°, 100%, 58%
HSV	309°, 84%, 100%
XYZ	55.0499, 27.9980, 70.9093
YIQ	124.9190, 70.0390, 101.8710

# Conversions

## Conversions Part 2

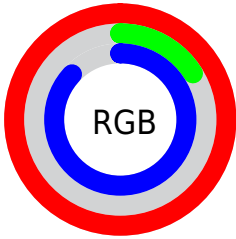
Format	Color
<a href="#">RYB</a>	255, 40, 221
Decimal	16722141
CIELab	59.89, 89.68, -42.52
CIElCh	60, 99.252, 334.635
Yxy	27.9980, 0.3576, 0.1819
Android (android.graphics.Color)	4294912221 (0xFFFF28DD)
YUV	124.9190, 47.3679, 114.0810
Hunter-Lab	52.9132, 93.1102, -42.4157

# Details

The YUV color **124.9190, 47.3679, 114.0810** is a light color, and the websafe version is hex **FF00CC**. The color can be described as light washed magenta. A complement of this color would be **170.0810, -47.3679, -114.0810**, and the grayscale version is **124.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **172.8200, 40.5147, 72.0719**, and **76.8160, 43.4747, 102.7704** is the 20% darker color. If you saturate the color by 10%, you get **109.7880, 52.8555, 127.3509**, and if you desaturate by 10%, it is **140.6370, 41.5910, 100.2964**.

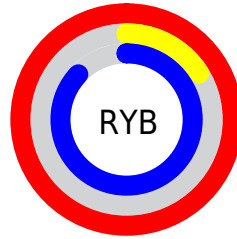
# Distribution



Red (100%)

Green (16%)

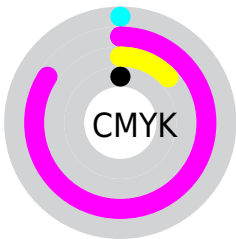
Blue (87%)



Red (100%)

Yellow (16%)

Blue (87%)

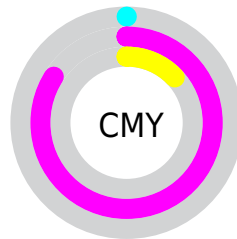


Cyan (0%)

Magenta (84%)

Yellow (13%)

Black (0%)



Cyan (0%)

Magenta (84%)


Yellow (13%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 124.9190, 47.3679, 114.0810 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 124.9190, 47.3679, 114.0810 by changing the saturation by 10% instead.





 124.9190, 47.3679,  
114.0810


 124.9190, 47.3679,  
114.0810


255.0000, 0.0000,  
0.0000


 88.9780, 51.2828,  
118.4143


 172.8200, 40.5147,  
72.0719


 76.8160, 43.4747,  
102.7704


 191.6040, 31.2542,  
55.5983


 64.5830, 36.6876,  
86.3117


 209.8010, 22.2831,  
39.6395

 52.9480, 29.6056,  
71.0826

 227.4110, 13.6014,  
24.1956

 41.0140, 22.6711,  
55.2387

 245.6080, 4.6303,  
8.2368

 30.3190, 16.6047,  
40.9392

 18.3140, 10.6912,

24.2806

■ 2.0520, 7.8624,  
-1.7996

■ 0.0000, 0.0000,  
0.0000

■ 124.9190, 47.3679,  
114.0810

■ 124.9190, 47.3679,  
114.0810

■ 109.7880, 52.8555,  
127.3509

■ 140.6370, 41.5910,  
100.2964

■ 100.7550, 56.3228,  
135.2729

■ 155.7680, 36.1034,  
87.0265

■ 171.4860, 30.3264,  
73.2418

■ 186.6170, 24.8388,  
59.9719

202.3350, 19.0618,  
46.1872

217.4660, 13.5743,  
32.9173

233.1840, 7.7973,  
19.1326

248.3150, 2.3097,  
5.8627

255.0000, 0.0000,  
0.0000

# Harmonies

## Analogous

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



140.5500, 56.4238, 9.1646



124.9190, 47.3679, 114.0810



91.6350, 21.3789, 143.2711

# Triad

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



124.9190, 47.3679, 114.0810



134.4390, -66.2784, 25.0480



132.7750, 54.3409, -116.4437

# Complementary

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



124.9190, 47.3679, 114.0810



170.0810, -47.3679, -114.0810

# 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.



122.8570, 16.3395, -107.7456



124.9190, 47.3679, 114.0810



116.2790, -57.3255, -46.7257

# Square

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



124.9190, 47.3679, 114.0810



133.3510, -65.7420, 86.5152



109.7930, -23.5619, -96.2885



130.6210, 61.3188, -114.5546



# Rectangle

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



124.9190, 47.3679, 114.0810



85.1370, -3.5185, 148.9699



109.7930, -23.5619, -96.2885



130.2840, 42.2580, -114.2591

# Sweetspot

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



124.9190, 47.3679, 114.0810



216.2920, 14.1530, 33.9469



74.0780, 89.1945, -1.8224



104.3090, 8.2287, 20.7770



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.



124.9190, 47.3679, 114.0810



100.7550, 56.3228, 135.2729



112.8350, 1.0673, 124.6787



120.0270, 2.4517, 6.9923



75.4630, 42.1697, 101.3259



25.2920, 14.1530, 33.9469



# Inverse Universe

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



124.9190, 47.3679, 114.0810



100.7550, 56.3228, 135.2729



182.1650, -1.0673, -124.6787



120.0270, 2.4517, 6.9923



75.4630, 42.1697, 101.3259



25.2920, 14.1530, 33.9469



# Previews

## White Background



This preview shows how the YUV color 124.9190, 47.3679, 114.0810 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

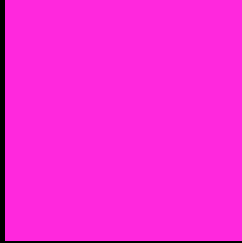
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 124.9190, 47.3679, 114.0810 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

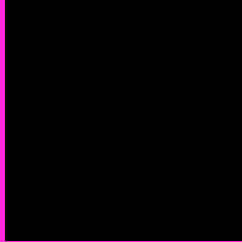
Any Text WCAG AA ✓ Pass

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 124.9190, 47.3679, 114.0810 Background



This preview shows how black text looks on a background with the YUV color 124.9190, 47.3679, 114.0810.



This preview shows how white text looks on a background with the YUV color 124.9190, 47.3679, 114.0810.



# 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

124.9190, 47.3679, 114.0810

### Protanopia

138.7470, 57.3127, -42.7511

### Deuteranopia

143.2340, 31.9296, -21.2532



## Tritanopia

138.7190, -20.0745, 92.3314

# Trichromacy



## Original Color

124.9190, 47.3679, 114.0810



## Protanomaly

133.6000, 53.9342, 14.3828



## Deuteranomaly

136.7360, 37.5982, 27.4185



## Tritanomaly

133.8920, 4.4902, 100.0727

# Monochromacy



## Original Color

124.9190, 47.3679, 114.0810



## Achromatopsia

125.0000, 0.0000, 0.0000



## Achromatomaly

124.8460, 17.3309, 41.3541

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 124.9190, 47.3679, 114.0810 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(255, 40, 221)` looks like.

```
.text, #text, p{  
    color:rgb(255, 40, 221)  
}
```

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(255, 40, 221) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 40, 221) }
```

## Border

The CSS property to change the border of an element to YUV 124.9190, 47.3679, 114.0810 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(255, 40, 221) }
```



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

```
.border{ border-color:rgb(255, 40, 221) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 40, 221)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 40, 221); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 40, 221);  
box-shadow:4px 4px 4px 4px rgb(255, 40,  
221) }
```

# Background

The CSS property to change the background color of an element to YUV 124.9190, 47.3679, 114.0810 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 40, 221) }
```

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

```
.background{ background-color: rgb(255, 40,  
221) }
```

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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