

# Converting Colors

YUV(98.2170, 35.3890,  
129.6057)

Have a look what the booklet for  
YUV(98.2170, 35.3890, 129.6057)  
contains.

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# Color

**YUV(98.2170, 35.3890,  
129.6057)**

# Conversions

## Conversions Part 1

Format	Color
Hex	F609AA
RGB	246, 9, 170
RGB Percent	96%, 4%, 67%
CMY	0.0353, 0.9647, 0.3333
CMYK	0.00, 0.96, 0.31, 0.04
HSL	319°, 93%, 50%
HSV	319°, 96%, 96%
XYZ	45.3594, 22.6905, 40.0192
YIQ	98.2170, 89.5710, 100.3150

# Conversions

## Conversions Part 2

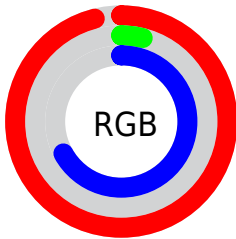
<b>Format</b>	<b>Color</b>
<b>R<sub>YB</sub></b>	246, 9, 170
Decimal	16124330
CIE <sub>Lab</sub>	54.75, 85.77, -21.28
CIE <sub>LCh</sub>	55, 88.366, 346.068
Yxy	22.6905, 0.4197, 0.2100
Android (android.graphics.Color)	4294314410 (0xFFFF609AA)
YUV	98.2170, 35.3890, 129.6057
Hunter-Lab	47.6345, 86.6141, -16.4671

# Details

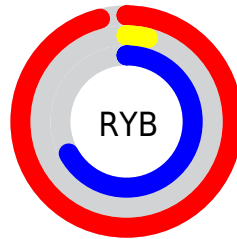
The YUV color **98.2170, 35.3890, 129.6057** is a dark color, and the websafe version is hex **FF0099**. The color can be described as middle saturated rose. A complement of this color would be **156.7830, -35.3890, -129.6057**, and the grayscale version is **98.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **161.1820, 31.4623, 82.2784**, and **68.4680, 24.4193, 101.3216** is the 20% darker color. If you saturate the color by 10%, you get **92.5920, 36.6831, 134.5388**, and if you desaturate by 10%, it is **113.8040, 31.6486, 115.9359**.

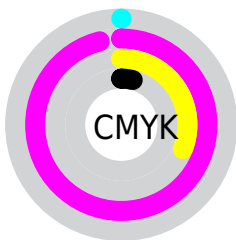
# Distribution



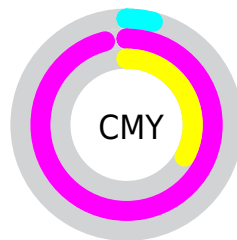
- Red (96%)
- Green (4%)
- Blue (67%)



- Red (96%)
- Yellow (4%)
- Blue (67%)



- Cyan (0%)
- Magenta (96%)
- Yellow (31%)
- Black (4%)




- Cyan (4%)
- Magenta (96%)
- Yellow (33%)


# Brightness & Saturation Gradients

These gradients show how the YUV color 98.2170, 35.3890, 129.6057 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 98.2170, 35.3890, 129.6057 by changing the saturation by 10% instead.




 98.2170, 35.3890,  
129.6057


 98.2170, 35.3890,  
129.6057


255.0000, 0.0000,  
0.0000


 80.5870, 30.7696,  
117.8802


 161.1820, 31.4623,  
82.2784


 68.4680, 24.4193,  
101.3216


 183.2720, 34.8689,  
62.9055

 56.6480, 17.9215,  
85.3777


 201.5830, 26.3346,  
46.8467


 44.9420, 11.8606,  
69.3339

 219.1930, 17.6529,  
31.4027

 33.4640, 6.6732,  
53.0901

 237.3900, 8.6817,  
15.4440

 22.2850, 1.3385,  
37.4611

 10.2800, -4.5750,

20.8024

■ 0.0000, 0.0000,  
0.0000

■ 98.2170, 35.3890,  
129.6057

■ 98.2170, 35.3890,  
129.6057

■ 92.5920, 36.6831,  
134.5388

■ 113.8040, 31.6486,  
115.9359

■ 128.8040, 28.1976,  
102.7809

■ 144.3910, 24.4572,  
89.1111

■ 159.3910, 21.0062,  
75.9561

■ 174.8640, 16.8290,  
62.3863

■ 190.4510, 13.0887,  
48.7165

■ 205.4510, 9.6377,  
35.5615

■ 221.0380, 5.8973,  
21.8917

■ 236.0380, 2.4463,  
8.7367

# Harmonies

## Analogous

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



131.5590, 52.9684, 44.2368



98.2170, 35.3890, 129.6057



86.9610, 3.4702, 147.3702

# Triad

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



98.2170, 35.3890, 129.6057



118.3590, -58.3510, 2.3162



121.9810, 58.6764, -106.9773

# Complementary

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



98.2170, 35.3890, 129.6057



156.7830, -35.3890, -129.6057

# 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.



115.2890, 27.9585, -101.1085



98.2170, 35.3890, 129.6057



90.3980, -44.5662, -79.2790

# Square

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



98.2170, 35.3890, 129.6057



123.7170, -60.9925, 56.3762



104.2940, -6.5539, -91.4658



117.7070, 67.6854, -103.2290



# Rectangle

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



98.2170, 35.3890, 129.6057



109.6920, -32.3862, 121.2961



104.2940, -6.5539, -91.4658



120.1740, 49.2142, -105.3926

# Sweetspot

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



98.2170, 35.3890, 129.6057



208.8260, 10.9318, 40.4946



58.4430, 92.4656, 22.4135



99.8750, 6.4706, 24.6656



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.



98.2170, 35.3890, 129.6057



95.9670, 37.9773, 139.4719



84.7650, -16.1531, 141.4031



114.5000, 1.7255, 6.5775



69.9780, 27.6188, 101.7513



22.2010, 8.7749, 32.2727



# Inverse Universe

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



98.2170, 35.3890, 129.6057



95.9670, 37.9773, 139.4719



170.2350, 16.1531, -141.4031



114.5000, 1.7255, 6.5775



69.9780, 27.6188, 101.7513



22.2010, 8.7749, 32.2727



# Previews

## White Background



This preview shows how the YUV color 98.2170, 35.3890, 129.6057 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

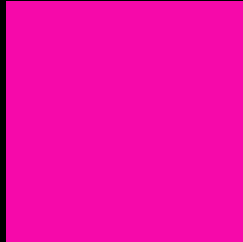
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 98.2170, 35.3890, 129.6057 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

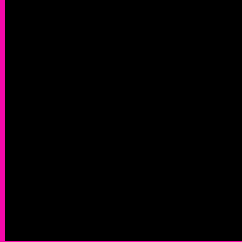
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA × Fail

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

# YUV 98.2170, 35.3890, 129.6057

## Background



This preview shows how black text looks on a background with the YUV color 98.2170, 35.3890, 129.6057.



This preview shows how white text looks on a background with the YUV color 98.2170, 35.3890,



# 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

98.2170, 35.3890, 129.6057

### Protanopia

125.1490, 57.6075, -43.9807

### Deuteranopia

133.3170, 12.6617, -1.1550



## Tritanopia

118.7700, -24.0436, 105.4417

# Trichromacy



## Original Color

98.2170, 35.3890, 129.6057



## Protanomaly

115.4820, 49.5554, 18.8713



## Deuteranomaly

120.2040, 21.0984, 46.3021



## Tritanomaly

111.4440, -2.6839, 114.4976

# Monochromacy



## Original Color

98.2170, 35.3890, 129.6057



## Achromatopsia

98.0000, 0.0000, 0.0000



## Achromatomaly

98.3260, 12.6573, 47.0721

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 98.2170, 35.3890, 129.6057 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(246, 9, 170)` looks like.

```
.text, #text, p{  
    color:rgb(246, 9, 170)  
}
```

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(246, 9, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 9, 170) }
```

## Border

The CSS property to change the border of an element to YUV 98.2170, 35.3890, 129.6057 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(246, 9, 170) }
```



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

```
.border{ border-color:rgb(246, 9, 170) }
```

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

Here you see how a box with a 4 pixel rgb(246, 9, 170) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 9, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 9, 170);  
box-shadow:4px 4px 4px 4px rgb(246, 9,  
170) }
```

# Background

The CSS property to change the background color of an element to YUV 98.2170, 35.3890, 129.6057 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 9, 170) }
```

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

```
.background{ background-color: rgb(246, 9,  
170) }
```

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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