

# Converting Colors

YUV(98.2810, 41.7665,  
137.4426)

Have a look what the booklet for  
YUV(98.2810, 41.7665, 137.4426)  
contains.

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# Color

**YUV(98.2810, 41.7665,  
137.4426)**

# Conversions

## Conversions Part 1

<b>Format</b>	<b>Color</b>
Hex	FF02B7
RGB	255, 2, 183
RGB Percent	100%, 1%, 72%
CMY	0.0000, 0.9922, 0.2824
CMYK	0.00, 0.99, 0.28, 0.00
HSL	317°, 100%, 50%
HSV	317°, 99%, 100%
XYZ	49.8090, 24.7223, 46.9464
YIQ	98.2810, 92.6870, 109.9270

# Conversions

## Conversions Part 2

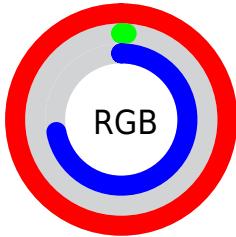
<b>Format</b>	<b>Color</b>
<b>RYB</b>	255, 2, 183
Decimal	16712375
CIELab	56.80, 89.30, -25.57
CIElCh	57, 92.891, 344.023
Yxy	24.7223, 0.4100, 0.2035
Android (android.graphics.Color)	4294902455 (0xFFFF02B7)
YUV	98.2810, 41.7665, 137.4426
Hunter-Lab	49.7215, 91.8011, -21.1757

# Details

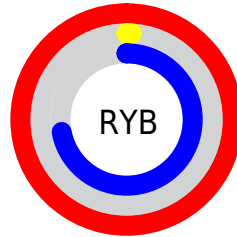
The YUV color **98.2810, 41.7665, 137.4426** is a dark color, and the websafe version is hex **FF33CC**. The color can be described as middle saturated rose. A complement of this color would be **158.7190, -41.7665, -137.4426**, and the grayscale version is **98.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **163.3650, 37.2881, 80.3639**, and **72.5270, 28.3342, 105.6548** is the 20% darker color. If you saturate the color by 10%, you get **96.9930, 41.9085, 138.5721**, and if you desaturate by 10%, it is **113.7540, 37.5893, 123.8727**.

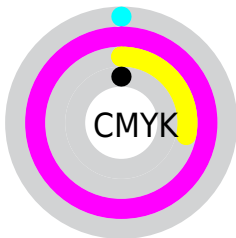
# Distribution



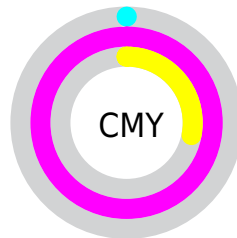
- Red (100%)
- Green (1%)
- Blue (72%)



- Red (100%)
- Yellow (1%)
- Blue (72%)



- Cyan (0%)
- Magenta (99%)
- Yellow (28%)
- Black (0%)



- Cyan (0%)
- Magenta (99%)
- Yellow (28%)

# Brightness & Saturation Gradients

These gradients show how the YUV color 98.2810, 41.7665, 137.4426 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 98.2810, 41.7665, 137.4426 by changing the saturation by 10% instead.



98.2810, 41.7665,  
137.4426

98.2810, 41.7665,  
137.4426

255.0000, 0.0000,  
0.0000

84.7600, 35.1213,  
122.1135

163.3650, 37.2881,  
80.3639

72.5270, 28.3342,  
105.6548

184.5600, 34.7269,  
61.7759

60.2940, 21.5471,  
89.1962

202.7570, 25.7558,  
45.8171

48.5880, 15.4861,  
73.1523

220.9540, 16.7847,  
29.8583

36.9960, 9.8620,  
57.0085

239.1510, 7.8136,  
13.8996

25.8170, 4.5272,  
41.3795

13.7690, -2.8441,

25.6356

■ 0.0000, 0.0000,  
0.0000

■ 98.2810, 41.7665,  
137.4426

■ 98.2810, 41.7665,  
137.4426

■ 96.9930, 41.9085,  
138.5721

■ 113.7540, 37.5893,  
123.8727

■ 129.9280, 33.5595,  
109.6881

■ 145.9880, 29.0929,  
95.6035

■ 161.4610, 24.9157,  
82.0337

■ 177.5210, 20.4491,  
67.9491

■ 193.1080, 16.7088,  
54.2793

■ 208.5810, 12.5316,  
40.7095

■ 224.6410, 8.0650,  
26.6248

■ 240.7010, 3.5984,  
12.5402

# Harmonies

## Analogous

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



137.2040, 58.0734, 40.1631



98.2810, 41.7665, 137.4426



87.9870, 7.4014, 146.4704

# Triad

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



98.2810, 41.7665, 137.4426



124.2840, -61.2720, 5.8899



127.0020, 60.1450, -111.3808

# Complementary

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



98.2810, 41.7665, 137.4426



158.7190, -41.7665, -137.4426

# 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.



119.6260, 26.8064, -104.9120



98.2810, 41.7665, 137.4426



93.9200, -46.3026, -82.3678

# Square

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



98.2810, 41.7665, 137.4426



127.8920, -63.0508, 63.2387



108.0610, -9.8901, -94.7695



121.8160, 65.6597, -106.8326



# Rectangle

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



98.2810, 41.7665, 137.4426



108.3600, -28.7715, 128.6033



108.0610, -9.8901, -94.7695



124.9670, 49.8093, -109.5961

# Sweetspot

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



98.2810, 41.7665, 137.4426



207.8800, 12.3842, 41.3242



52.3700, 99.8966, 18.9695



99.4020, 7.1968, 25.0804



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.



98.2810, 41.7665, 137.4426



96.9930, 41.9085, 138.5721



83.9170, -13.2701, 150.0398



119.9130, 2.0149, 7.0923



72.7270, 31.6866, 103.7254



24.3800, 10.6587, 34.7467



# Inverse Universe

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



98.2810, 41.7665, 137.4426



96.9930, 41.9085, 138.5721



173.0830, 13.2701, -150.0398



119.9130, 2.0149, 7.0923



72.7270, 31.6866, 103.7254



24.3800, 10.6587, 34.7467



# Previews

## White Background



This preview shows how the YUV color 98.2810, 41.7665, 137.4426 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

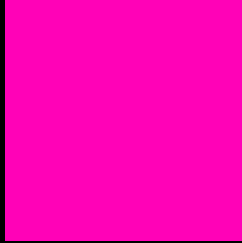
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the YUV color 98.2810, 41.7665, 137.4426 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 98.2810, 41.7665, 137.4426

## Background



This preview shows how black text looks on a background with the YUV color 98.2810, 41.7665, 137.4426.



This preview shows how white text looks on a background with the YUV color 98.2810, 41.7665,

137.4426.

# 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

98.2810, 41.7665, 137.4426

### Protanopia

129.8540, 61.6970, -48.9840

### Deuteranopia

138.8050, 15.8721, -4.2140



## Tritanopia

124.7810, -24.0490, 107.1861

# Trichromacy



## Original Color

98.2810, 41.7665, 137.4426



## Protanomaly

118.4480, 54.5021, 18.9011



## Deuteranomaly

124.2410, 25.0242, 47.1466



## Tritanomaly

115.4490, -0.2214, 118.0012

# Monochromacy



## Original Color

98.2810, 41.7665, 137.4426



## Achromatopsia

98.0000, 0.0000, 0.0000



## Achromatomaly

98.0320, 15.2672, 49.9609

# CSS Examples

## Text

The CSS property to change the color of the text to YUV 98.2810, 41.7665, 137.4426 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, 2, 183)` looks like.

```
.text, #text, p{  
    color:rgb(255, 2, 183)  
}
```

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, 2, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 2, 183) }
```

## Border

The CSS property to change the border of an element to YUV 98.2810, 41.7665, 137.4426 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, 2, 183) }
```



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

```
.border{ border-color:rgb(255, 2, 183) }
```

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

Here you see how a box with a 4 pixel rgb(255, 2, 183) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 2, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 2, 183);  
box-shadow:4px 4px 4px 4px rgb(255, 2,  
183) }
```

# Background

The CSS property to change the background color of an element to YUV 98.2810, 41.7665, 137.4426 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 2, 183) }
```

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

```
.background{ background-color: rgb(255, 2,  
183) }
```

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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