

Converting Colors

YUV(130.9810, 16.2784,
99.1177)

Have a look what the booklet for
YUV(130.9810, 16.2784, 99.1177)
contains.

YUV(130.9810, 16.2784, 99.1177)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	28
<i>CSS Examples</i>	31

Color

**YUV(130.9810, 16.2784,
99.1177)**

Conversions

Conversions Part 1

Format	Color
Hex	F443A4
RGB	244, 67, 164
RGB Percent	96%, 26%, 64%
CMY	0.0431, 0.7373, 0.3569
CMYK	0.00, 0.73, 0.33, 0.04
HSL	327°, 89%, 61%
HSV	327°, 73%, 96%
XYZ	46.0162, 25.9277, 37.7012
YIQ	130.9810, 74.3550, 67.6910

Conversions

Conversions Part 2

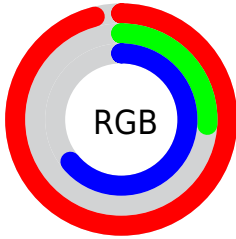
Format	Color
RYB	244, 67, 164
Decimal	16008100
CIELab	57.97, 73.78, -12.91
CIELCh	58, 74.901, 350.075
Yxy	25.9277, 0.4197, 0.2365
Android (android.graphics.Color)	4294198180 (0xFFFF443A4)
YUV	130.9810, 16.2784, 99.1177
Hunter-Lab	50.9193, 72.2033, -8.2554

Details

The YUV color **130.9810, 16.2784, 99.1177** is a light color, and the websafe version is hex **FF3399**. The color can be described as light washed rose. A complement of this color would be **180.0190, -16.2784, -99.1177**, and the grayscale version is **131.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **176.9340, 20.7385, 68.4639**, and **67.4850, 21.9459, 101.3067** is the 20% darker color. If you saturate the color by 10%, you get **115.6390, 18.4190, 112.5726**, and if you desaturate by 10%, it is **146.3230, 14.1378, 85.6627**.

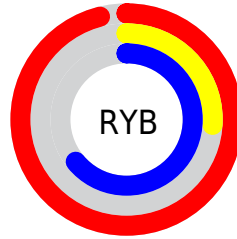
Distribution



Red (96%)

Green (26%)

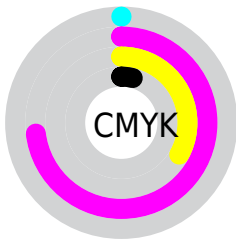
Blue (64%)



Red (96%)

Yellow (26%)

Blue (64%)

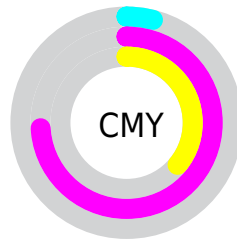


Cyan (0%)

Magenta (73%)

Yellow (33%)

Black (4%)



Cyan (4%)


Magenta (74%)


Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the YUV color 130.9810, 16.2784, 99.1177 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 130.9810, 16.2784, 99.1177 by changing the saturation by 10% instead.


 130.9810, 16.2784,
99.1177


 130.9810, 16.2784,
99.1177


255.0000, 0.0000,
0.0000


 94.6810, 21.3563,
103.7658


 176.9340, 20.7385,
68.4639


 67.4850, 21.9459,
101.3067

 197.1490, 24.5765,
50.7353


 55.7790, 15.8850,
85.2628


 215.6710, 19.3892,
34.4915


 44.0730, 9.8240,
69.2190

 233.2810, 10.7075,
19.0476

 32.8940, 4.4893,
53.5900

 250.8910, 2.0257,
3.6036

 22.5410, -0.2667,
38.9905

 10.8780, -4.8699,

22.0320

■ 0.0000, 0.0000,
0.0000

■ 130.9810, 16.2784,
99.1177

■ 130.9810, 16.2784,
99.1177

■ 115.6390, 18.4190,
112.5726

■ 146.3230, 14.1378,
85.6627

■ 99.7100, 20.8490,
126.5423

■ 162.2520, 11.7078,
71.6930

■ 88.2320, 22.5636,
136.6085

■ 177.5940, 9.5672,
58.2381

■ 193.5230, 7.1372,
44.2683

■ 208.8650, 4.9966,
30.8134

224.2070, 2.8559,
17.3585

240.1360, 0.4260,
3.3887

251.3690, 0.3111,
-6.4626

251.7110, 1.6215,
-6.7625

Harmonies

Analogous

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



141.9540, 40.4487, 46.5213



130.9810, 16.2784, 99.1177



126.8490, -13.7296, 110.6344

Triad

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



130.9810, 16.2784, 99.1177



125.1370, -61.6925, 0.7569



124.1010, 56.6452, -108.8366

Complementary

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



130.9810, 16.2784, 99.1177



180.0190, -16.2784, -99.1177

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.



119.4780, 31.3163, -104.7822



130.9810, 16.2784, 99.1177



106.0300, -29.5948, -74.5713

Square

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



130.9810, 16.2784, 99.1177



131.3370, -64.7491, 47.9395



111.1390, 1.9035, -97.4689



119.4680, 66.8173, -104.7734

Rectangle

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



130.9810, 16.2784, 99.1177



130.2130, -36.0940, 97.1602



111.1390, 1.9035, -97.4689



123.4510, 49.0777, -108.2665

Sweetspot

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



130.9810, 16.2784, 99.1177



219.2780, 5.2859, 31.3282



111.0980, 65.5207, 31.4861



106.3320, 3.2873, 19.0028



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.



130.9810, 16.2784, 99.1177



113.2860, 20.5650, 124.2832



120.9490, -22.1599, 107.9157



114.3860, 1.2887, 6.6775



67.2420, 17.1357, 104.1508



21.2890, 5.2805, 33.0725

Inverse Universe

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



130.9810, 16.2784, 99.1177



113.2860, 20.5650, 124.2832



190.0510, 22.1599, -107.9157



114.3860, 1.2887, 6.6775



67.2420, 17.1357, 104.1508



21.2890, 5.2805, 33.0725

Previews

White Background



This preview shows how the YUV color 130.9810, 16.2784, 99.1177 looks on a white background.

Color Contrast Check

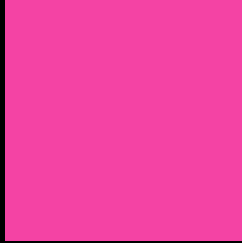
Large Text (above 18pt) WCAG AA ✓ Pass

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 130.9810, 16.2784, 99.1177 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 130.9810, 16.2784, 99.1177

Background



This preview shows how black text looks on a background with the YUV color 130.9810, 16.2784, 99.1177.



This preview shows how white text looks on a background with the YUV color 130.9810, 16.2784, 99.1177.

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

130.9810, 16.2784, 99.1177

Protanopia

138.4880, 36.7344, -22.3530

Deuteranopia

141.1560, 6.8251, 4.2482



Tritanopia

133.0180, -20.2219, 92.9462

Trichromacy



Original Color

130.9810, 16.2784, 99.1177



Protanomaly

136.1130, 29.0313, 21.8259



Deuteranomaly

137.5870, 10.0636, 38.9502



Tritanomaly

132.4710, -7.1342, 95.1799

Monochromacy



Original Color

130.9810, 16.2784, 99.1177



Achromatopsia

131.0000, 0.0000, 0.0000



Achromatomaly

131.1260, 5.8539, 35.8465

CSS Examples

Text

The CSS property to change the color of the text to YUV 130.9810, 16.2784, 99.1177 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(244, 67, 164)` looks like.

```
.text, #text, p{  
    color:rgb(244, 67, 164)  
}
```

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(244, 67, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 67, 164) }
```

Border

The CSS property to change the border of an element to YUV 130.9810, 16.2784, 99.1177 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(244, 67, 164) }
```


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

```
.border{ border-color:rgb(244, 67, 164) }
```

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

Here you see how a box with a 4 pixel rgb(244, 67, 164) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 67, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 67, 164);  
box-shadow:4px 4px 4px 4px rgb(244, 67,  
164) }
```

Background

The CSS property to change the background color of an element to YUV 130.9810, 16.2784, 99.1177 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 67, 164) }
```

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

```
.background{ background-color: rgb(244, 67,  
164) }
```

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