

Converting Colors

YUV(101.9560, 17.7697,
134.2196)

Have a look what the booklet for
YUV(101.9560, 17.7697, 134.2196)
contains.

YUV(101.9560, 17.7697, 134.2196)	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(101.9560, 17.7697,
134.2196)**

Conversions

Conversions Part 1

Format	Color
Hex	FF118A
RGB	255, 17, 138
RGB Percent	100%, 7%, 54%
CMY	0.0000, 0.9333, 0.4588
CMYK	0.00, 0.93, 0.46, 0.00
HSL	329°, 100%, 53%
HSV	329°, 93%, 100%
XYZ	46.0279, 23.4959, 26.1540
YIQ	101.9560, 103.0070, 88.0870

Conversions

Conversions Part 2

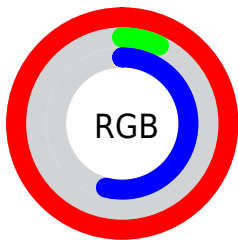
Format	Color
R_{YB}	255, 17, 138
Decimal	16716170
CIE _{Lab}	55.58, 84.11, -0.91
CIE _{LCh}	56, 84.115, 359.379
Yxy	23.4959, 0.4811, 0.2456
Android (android.graphics.Color)	4294906250 (0xFFFF118A)
YUV	101.9560, 17.7697, 134.2196
Hunter-Lab	48.4725, 84.6706, 1.9401

Details

The YUV color **101.9560, 17.7697, 134.2196** is a dark color, and the websafe version is hex **FF3399**. The color can be described as middle washed rose. A complement of this color would be **170.0440, -17.7697, -134.2196**, and the grayscale version is **102.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **158.4800, 16.0324, 84.6480**, and **67.4400, 10.1361, 109.2391** is the 20% darker color. If you saturate the color by 10%, you get **91.0650, 19.1950, 143.7710**, and if you desaturate by 10%, it is **118.7000, 15.9239, 119.5351**.

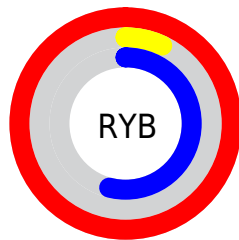
Distribution



Red (100%)

Green (7%)

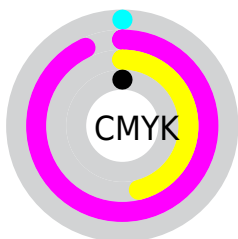
Blue (54%)



Red (100%)

Yellow (7%)

Blue (54%)

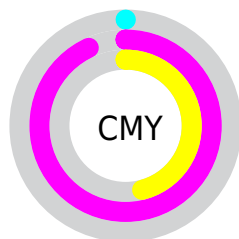


Cyan (0%)

Magenta (93%)

Yellow (46%)

Black (0%)



Cyan (0%)


Magenta (93%)


Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the YUV color 101.9560, 17.7697, 134.2196 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 101.9560, 17.7697, 134.2196 by changing the saturation by 10% instead.


 101.9560, 17.7697,
134.2196


 101.9560, 17.7697,
134.2196

255.0000, 0.0000,
0.0000

 79.5590, 16.4864,
125.7978

 158.4800, 16.0324,
84.6480


 67.4400, 10.1361,
109.2391


 180.4560, 19.0022,
65.3751

 55.2500, 4.8068,
91.8658


 201.8450, 22.2614,
46.6169

 43.5870, 0.2036,
74.9072

 220.9540, 16.7847,
29.8583

 32.3370, -4.1101,
58.4635

 238.5640, 8.1029,
14.4144

 20.9730, -8.8607,
42.1197

 10.8780, -4.8699,

22.0320

■ 0.0000, 0.0000,
0.0000

■ 101.9560, 17.7697,
134.2196

■ 101.9560, 17.7697,
134.2196

■ 91.0650, 19.1950,
143.7710

■ 118.7000, 15.9239,
119.5351

■ 134.7430, 13.9307,
105.4654

■ 151.4870, 12.0849,
90.7809

■ 167.5300, 10.0917,
76.7112

■ 184.2740, 8.2459,
62.0267

■ 200.3170, 6.2527,
47.9570

■ 217.0610, 4.4069,
33.2725

■ 233.1040, 2.4137,
19.2028

■ 249.8480, 0.5679,
4.5183

Harmonies

Analogous

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



128.9130, 39.4829, 76.3753



101.9560, 17.7697, 134.2196



113.5100, -22.9294, 121.4557

Triad

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



101.9560, 17.7697, 134.2196



114.0740, -56.2385, -21.9899



122.4030, 65.3703, -107.3474

Complementary

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



101.9560, 17.7697, 134.2196



170.0440, -17.7697, -134.2196

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.



119.4100, 41.2099, -104.7226



101.9560, 17.7697, 134.2196



99.1470, -23.7365, -86.9519

Square

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



101.9560, 17.7697, 134.2196



125.0470, -61.6482, 33.2848



110.3870, 9.1762, -96.8094



113.0110, 70.0006, -99.1106

Rectangle

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



101.9560, 17.7697, 134.2196



119.7020, -54.5761, 98.4853



110.3870, 9.1762, -96.8094



122.3230, 59.9868, -107.2773

Sweetspot

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



101.9560, 17.7697, 134.2196



209.3330, 5.2588, 40.0500



78.5170, 87.0061, 46.9046



99.6640, 3.1236, 24.8507



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.



101.9560, 17.7697, 134.2196



91.0650, 19.1950, 143.7710



88.6180, -33.3357, 145.9170



119.5710, 0.7045, 7.3922



68.1670, 14.2147, 107.7245



22.7840, 4.5435, 36.1464

Inverse Universe

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



101.9560, 17.7697, 134.2196



91.0650, 19.1950, 143.7710



183.3820, 33.3357, -145.9170



119.5710, 0.7045, 7.3922



68.1670, 14.2147, 107.7245



22.7840, 4.5435, 36.1464

Previews

White Background



This preview shows how the YUV color 101.9560, 17.7697, 134.2196 looks on a white background.

Color Contrast Check

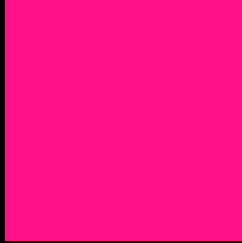
Large Text (above 18pt) WCAG AA ✓ Pass

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 101.9560, 17.7697, 134.2196 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 101.9560, 17.7697, 134.2196 Background



This preview shows how black text looks on a background with the YUV color 101.9560, 17.7697, 134.2196.



This preview shows how white text looks on a background with the YUV color 101.9560, 17.7697, 134.2196.

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

101.9560, 17.7697, 134.2196

Protanopia

133.5440, 31.7768, -18.8941

Deuteranopia

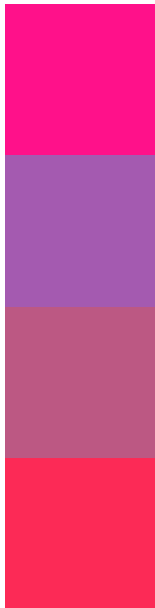
134.7520, -3.8217, 12.4955



Tritanopia

114.4190, -28.3076, 119.7815

Trichromacy



Original Color

101.9560, 17.7697, 134.2196

Protanomaly

121.9300, 26.6565, 36.8954

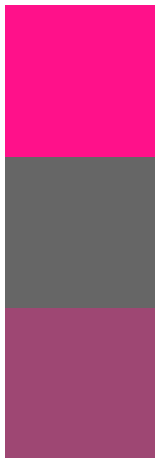
Deuteranomaly

122.8020, 4.0416, 57.1786

Tritanomaly

109.8060, -11.7364, 124.7041

Monochromacy



Original Color

101.9560, 17.7697, 134.2196

Achromatopsia

102.0000, 0.0000, 0.0000

Achromatomaly

102.0290, 6.3947, 49.0866

CSS Examples

Text

The CSS property to change the color of the text to YUV 101.9560, 17.7697, 134.2196 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, 17, 138)` looks like.

```
.text, #text, p{  
    color:rgb(255, 17, 138)  
}
```

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, 17, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 17, 138) }
```

Border

The CSS property to change the border of an element to YUV 101.9560, 17.7697, 134.2196 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, 17, 138) }
```


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

```
.border{ border-color:rgb(255, 17, 138) }
```

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

Here you see how a box with a 4 pixel rgb(255, 17, 138) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 17, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 17, 138);  
box-shadow:4px 4px 4px 4px rgb(255, 17,  
138) }
```

Background

The CSS property to change the background color of an element to YUV 101.9560, 17.7697, 134.2196 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 17, 138) }
```

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

```
.background{ background-color: rgb(255, 17,  
138) }
```

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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