

Converting Colors

YUV(133.7770, 8.9839,
105.4356)

Have a look what the booklet for
YUV(133.7770, 8.9839, 105.4356)
contains.

YUV(133.7770, 8.9839, 105.4356)	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(133.7770, 8.9839,
105.4356)**

Conversions

Conversions Part 1

Format	Color
Hex	FE4598
RGB	254, 69, 152
RGB Percent	100%, 27%, 60%
CMY	0.0039, 0.7294, 0.4039
CMYK	0.00, 0.73, 0.40, 0.00
HSL	333°, 99%, 63%
HSV	333°, 73%, 100%
XYZ	48.6687, 27.5941, 32.4668
YIQ	133.7770, 83.6170, 65.0330

Conversions

Conversions Part 2

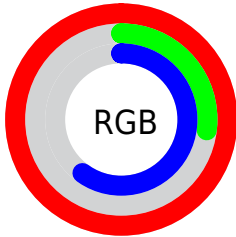
Format	Color
R _Y B	254, 69, 152
Decimal	16663960
CIE Lab	59.52, 74.49, -3.41
CIE LCh	60, 74.572, 357.381
Yxy	27.5941, 0.4476, 0.2538
Android (android.graphics.Color)	4294854040 (0xFFFE4598)
YUV	133.7770, 8.9839, 105.4356
Hunter-Lab	52.5301, 73.4512, 0.1262

Details

The YUV color **133.7770, 8.9839, 105.4356** 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 **189.2230, -8.9839, -105.4356**, and the grayscale version is **134.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **176.6260, 14.4814, 68.7340**, and **68.9220, 15.8145, 107.9394** is the 20% darker color. If you saturate the color by 10%, you get **117.5060, 10.1035, 119.7052**, and if you desaturate by 10%, it is **150.0480, 7.8643, 91.1659**.

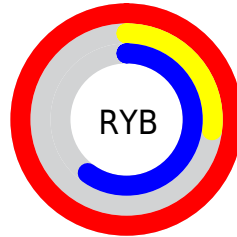
Distribution



Red (100%)

Green (27%)

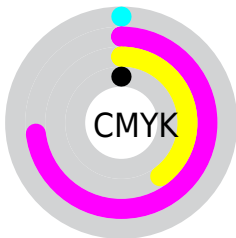
Blue (60%)



Red (100%)

Yellow (27%)

Blue (60%)

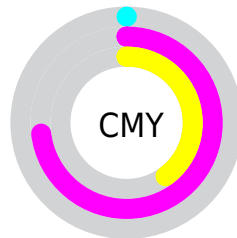


Cyan (0%)

Magenta (73%)

Yellow (40%)

Black (0%)



Cyan (0%)

Magenta (73%)

Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the YUV color 133.7770, 8.9839, 105.4356 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 133.7770, 8.9839, 105.4356 by changing the saturation by 10% instead.


 133.7770, 8.9839,
105.4356


 133.7770, 8.9839,
105.4356


255.0000, 0.0000,
0.0000


 98.0640, 13.7724,
109.5689


 176.6260, 14.4814,
68.7340


 68.9220, 15.8145,
107.9394


 197.4280, 18.0300,
50.4906

 56.9170, 9.9009,
91.2808


 216.8450, 18.8104,
33.4619

 45.4390, 4.7136,
75.0370

 234.4550, 10.1287,
18.0180

 34.0750, -0.0370,
58.6932

 252.6520, 1.1576,
2.0592

 23.2660, -6.5401,
44.4937

 12.6720, -5.7543,

25.7207

■ 0.0000, 0.0000,
0.0000

■ 133.7770, 8.9839,
105.4356

■ 133.7770, 8.9839,
105.4356

■ 117.5060, 10.1035,
119.7052

■ 150.0480, 7.8643,
91.1659

■ 100.6480, 11.5125,
134.4897

■ 166.9060, 6.4553,
76.3814

■ 88.9420, 12.3536,
144.7559

■ 183.1770, 5.3357,
62.1118

■ 200.0350, 3.9267,
47.3273

■ 216.3060, 2.8071,
33.0576

■ 232.5770, 1.6875,
18.7880

■ 249.4350, 0.2785,
4.0035

254.7010, 0.1474,
-0.6148

Harmonies

Analogous

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



144.5600, 34.7269, 61.7759



133.7770, 8.9839, 105.4356



133.1230, -22.7386, 106.8861

Triad

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



133.7770, 8.9839, 105.4356



125.9460, -62.0914, -11.3536



126.9850, 62.6184, -111.3658

Complementary

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



133.7770, 8.9839, 105.4356



189.2230, -8.9839, -105.4356

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.



123.9920, 38.4579, -108.7410



133.7770, 8.9839, 105.4356



105.6670, -19.0628, -92.6700

Square

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



133.7770, 8.9839, 105.4356



134.5160, -66.3164, 37.2585



116.3540, 9.1925, -102.0425



118.8810, 67.1067, -104.2586

Rectangle

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



133.7770, 8.9839, 105.4356



135.1060, -43.9293, 90.2380



116.3540, 9.1925, -102.0425



127.0360, 55.1983, -111.4106

Sweetspot

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



133.7770, 8.9839, 105.4356



218.5940, 2.6652, 31.9281



120.5880, 65.7721, 44.2113



105.8760, 1.5401, 19.4027



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.



133.7770, 8.9839, 105.4356



110.7780, 10.9554, 126.4827



129.5980, -29.8748, 109.1006



119.4570, 0.2677, 7.4922



66.9130, 9.4099, 108.8243



22.4420, 3.2331, 36.4464

Inverse Universe

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



133.7770, 8.9839, 105.4356



110.7780, 10.9554, 126.4827



193.4020, 29.8748, -109.1006



119.4570, 0.2677, 7.4922



66.9130, 9.4099, 108.8243



22.4420, 3.2331, 36.4464

Previews

White Background



This preview shows how the YUV color 133.7770, 8.9839, 105.4356 looks on a white background.

Color Contrast Check

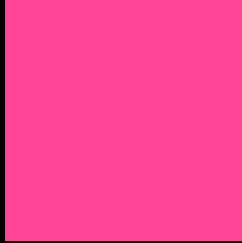
Large Text (above 18pt) WCAG AA ✓ Pass

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 133.7770, 8.9839, 105.4356 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 133.7770, 8.9839, 105.4356

Background



This preview shows how black text looks on a background with the YUV color 133.7770, 8.9839, 105.4356.



This preview shows how white text looks on a background with the YUV color 133.7770, 8.9839,

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

133.7770, 8.9839, 105.4356

Protanopia

143.8990, 26.6718, -14.8204

Deuteranopia

145.1370, -1.0535, 11.2809



Tritanopia

134.9050, -22.1382, 100.9383

Trichromacy



Original Color

133.7770, 8.9839, 105.4356

Protanomaly

139.8660, 20.2791, 29.0585

Deuteranomaly

141.2690, 2.3324, 45.3681

Tritanomaly

134.3040, -10.5029, 102.3424

Monochromacy



Original Color

133.7770, 8.9839, 105.4356

Achromatopsia

134.0000, 0.0000, 0.0000

Achromatomaly

133.8660, 3.5171, 38.7055

CSS Examples

Text

The CSS property to change the color of the text to YUV 133.7770, 8.9839, 105.4356 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(254, 69, 152)` looks like.

```
.text, #text, p{  
    color:rgb(254, 69, 152)  
}
```

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(254, 69, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(254, 69, 152) }
```

Border

The CSS property to change the border of an element to YUV 133.7770, 8.9839, 105.4356 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(254, 69, 152) }
```


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

```
.border{ border-color:rgb(254, 69, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(254, 69, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(254, 69, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(254, 69, 152);  
box-shadow:4px 4px 4px 4px rgb(254, 69,  
152) }
```

Background

The CSS property to change the background color of an element to YUV 133.7770, 8.9839, 105.4356 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(254, 69, 152) }
```

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

```
.background{ background-color: rgb(254, 69,  
152) }
```

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