

Converting Colors

YUV(134.1340, 34.4439,
105.9995)

Have a look what the booklet for
YUV(134.1340, 34.4439, 105.9995)
contains.

YUV(134.1340, 34.4439, 105.9995)	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(134.1340, 34.4439,
105.9995)**

Conversions

Conversions Part 1

Format	Color
Hex	FF3BCC
RGB	255, 59, 204
RGB Percent	100%, 23%, 80%
CMY	0.0000, 0.7686, 0.2000
CMYK	0.00, 0.77, 0.20, 0.00
HSL	316°, 100%, 62%
HSV	316°, 77%, 100%
XYZ	53.7030, 28.7476, 59.8451
YIQ	134.1340, 70.2710, 86.6470

Conversions

Conversions Part 2

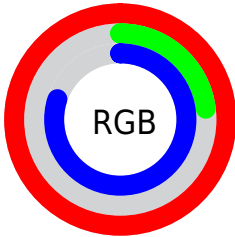
Format	Color
R _Y B	255, 59, 204
Decimal	16726988
CIE Lab	60.56, 83.36, -31.83
CIE LCh	61, 89.233, 339.102
Yxy	28.7476, 0.3774, 0.2020
Android (android.graphics.Color)	4294917068 (0xFFFF3BCC)
YUV	134.1340, 34.4439, 105.9995
Hunter-Lab	53.6168, 84.9580, -28.6457

Details

The YUV color **134.1340, 34.4439, 105.9995** is a light color, and the websafe version is hex **FF33CC**. The color can be described as light washed magenta. A complement of this color would be **179.8660, -34.4439, -105.9995**, and the grayscale version is **134.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **179.2770, 37.3314, 66.4091**, and **74.9920, 36.4859, 104.3700** is the 20% darker color. If you saturate the color by 10%, you get **118.0740, 38.9105, 120.0841**, and if you desaturate by 10%, it is **150.1940, 29.9774, 91.9149**.

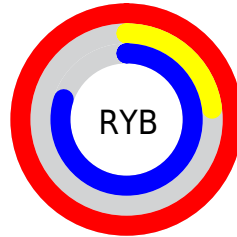
Distribution



Red (100%)

Green (23%)

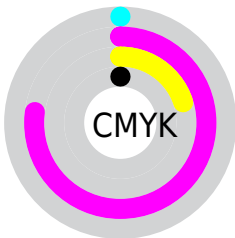
Blue (80%)



Red (100%)

Yellow (23%)

Blue (80%)

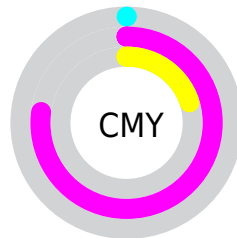


Cyan (0%)

Magenta (77%)

Yellow (20%)

Black (0%)



Cyan (0%)


Magenta (77%)

Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the YUV color 134.1340, 34.4439, 105.9995 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 134.1340, 34.4439, 105.9995 by changing the saturation by 10% instead.


 134.1340, 34.4439,
105.9995


 134.1340, 34.4439,
105.9995


255.0000, 0.0000,
0.0000


 87.0400, 43.8573,
120.1139


 179.2770, 37.3314,
66.4091


 74.9920, 36.4859,
104.3700


 196.8870, 28.6497,
50.9651

 63.0580, 29.5514,
88.5261


 214.4970, 19.9680,
35.5211

 51.2380, 23.0537,
72.5823

 232.6940, 10.9969,
19.5624

 39.8310, 16.8453,
57.1532

 250.3040, 2.3151,
4.1184

 29.1360, 10.7790,
42.8537

 17.3590, 5.7390,

25.9952

■ 0.0000, 0.0000,
0.0000

■ 134.1340, 34.4439,
105.9995

■ 134.1340, 34.4439,
105.9995

■ 118.0740, 38.9105,
120.0841

■ 150.1940, 29.9774,
91.9149

■ 102.7150, 43.5245,
133.5539

■ 165.5530, 25.3634,
78.4450

■ 97.7910, 44.9660,
137.8723

■ 181.6130, 20.8968,
64.3604

■ 197.0860, 16.7196,
50.7906

■ 213.0320, 11.8162,
36.8059

■ 228.5050, 7.6390,
23.2361

■ 244.4510, 2.7357,
9.2515

255.0000, 0.0000,
0.0000

Harmonies

Analogous

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



146.8400, 53.3229, 23.8193



134.1340, 34.4439, 105.9995



105.8710, 9.9236, 130.7861

Triad

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



134.1340, 34.4439, 105.9995



134.9820, -66.5461, 17.5558



132.4160, 55.5039, -116.1288

Complementary

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



134.1340, 34.4439, 105.9995



179.8660, -34.4439, -105.9995

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.



124.3390, 22.0179, -109.0453



134.1340, 34.4439, 105.9995



116.8550, -57.6095, -48.9848

Square

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



134.1340, 34.4439, 105.9995



136.8070, -67.4459, 72.9603



113.1160, -13.3682, -99.2027



128.8600, 62.1870, -113.0102

Rectangle

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



134.1340, 34.4439, 105.9995



118.8410, -21.6136, 119.4114



113.1160, -13.3682, -99.2027



130.2670, 44.7314, -114.2442

Sweetspot

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



134.1340, 34.4439, 105.9995



218.6570, 10.5221, 31.8728



95.9950, 78.3895, 10.5284



105.7280, 6.0501, 19.5325



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.



134.1340, 34.4439, 105.9995



110.1010, 41.3622, 127.0764



123.1900, -7.4887, 115.5974



119.9130, 2.0149, 7.0923



73.1830, 33.4338, 103.3255



24.4940, 11.0955, 34.6468

Inverse Universe

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



134.1340, 34.4439, 105.9995



110.1010, 41.3622, 127.0764



190.8100, 7.4887, -115.5974



119.9130, 2.0149, 7.0923



73.1830, 33.4338, 103.3255



24.4940, 11.0955, 34.6468

Previews

White Background



This preview shows how the YUV color 134.1340, 34.4439, 105.9995 looks on a white background.

Color Contrast Check

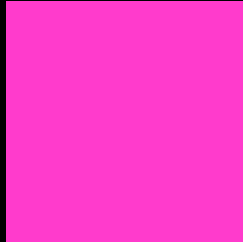
Large Text (above 18pt) WCAG AA ✓ Pass

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 134.1340, 34.4439, 105.9995 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

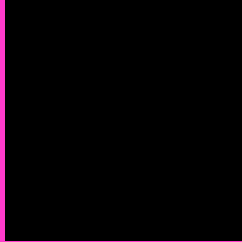
Any Text WCAG AA ✓ Pass

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 134.1340, 34.4439, 105.9995 Background



This preview shows how black text looks on a background with the YUV color 134.1340, 34.4439, 105.9995.



This preview shows how white text looks on a background with the YUV color 134.1340, 34.4439, 105.9995.

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

134.1340, 34.4439, 105.9995

Protanopia

141.4160, 55.9969, -40.7068

Deuteranopia

146.8950, 22.7298, -10.4319



Tritanopia

140.1320, -19.7851, 92.8462

Trichromacy



Original Color

134.1340, 34.4439, 105.9995



Protanomaly

138.3950, 48.1193, 12.8086



Deuteranomaly

142.3100, 26.9622, 32.1771



Tritanomaly

137.7300, 0.1331, 97.5838

Monochromacy



Original Color

134.1340, 34.4439, 105.9995



Achromatopsia

134.0000, 0.0000, 0.0000



Achromatomaly

134.1570, 12.2476, 38.4503

CSS Examples

Text

The CSS property to change the color of the text to YUV 134.1340, 34.4439, 105.9995 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, 59, 204)` looks like.

```
.text, #text, p{  
    color:rgb(255, 59, 204)  
}
```

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, 59, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 59, 204) }
```

Border

The CSS property to change the border of an element to YUV 134.1340, 34.4439, 105.9995 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, 59, 204) }
```


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

```
.border{ border-color:rgb(255, 59, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 59, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 59, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 59, 204);  
box-shadow:4px 4px 4px 4px rgb(255, 59,  
204) }
```

Background

The CSS property to change the background color of an element to YUV 134.1340, 34.4439, 105.9995 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 59, 204) }
```

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

```
.background{ background-color: rgb(255, 59,  
204) }
```

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