

Converting Colors

YUV(134.3610, 16.5840,
94.3994)

Have a look what the booklet for
YUV(134.3610, 16.5840, 94.3994)
contains.

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Color

**YUV(134.3610, 16.5840,
94.3994)**

Conversions

Conversions Part 1

Format	Color
Hex	F249A8
RGB	242, 73, 168
RGB Percent	95%, 29%, 66%
CMY	0.0510, 0.7137, 0.3412
CMYK	0.00, 0.70, 0.31, 0.05
HSL	326°, 87%, 62%
HSV	326°, 70%, 95%
XYZ	46.0684, 26.4695, 39.7268
YIQ	134.3610, 70.2290, 65.3730

Conversions

Conversions Part 2

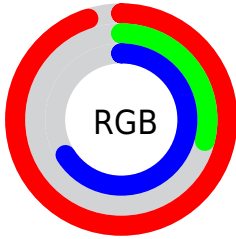
Format	Color
R_{YB}	242, 73, 168
Decimal	15878568
CIE _{Lab}	58.48, 71.72, -14.50
CIE _{LCh}	58, 73.174, 348.572
Yxy	26.4695, 0.4104, 0.2358
Android (android.graphics.Color)	4294068648 (0xFFFF249A8)
YUV	134.3610, 16.5840, 94.3994
Hunter-Lab	51.4485, 69.7988, -9.7678

Details

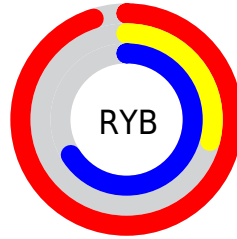
The YUV color **134.3610, 16.5840, 94.3994** is a light color, and the websafe version is hex **FF3399**. The color can be described as light washed rose. A complement of this color would be **180.6390, -16.5840, -94.3994**, and the grayscale version is **134.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **179.7380, 21.3282, 66.0048**, and **67.3430, 23.9879, 99.6772** is the 20% darker color. If you saturate the color by 10%, you get **119.0190, 18.7246, 107.8543**, and if you desaturate by 10%, it is **149.7030, 14.4434, 80.9445**.

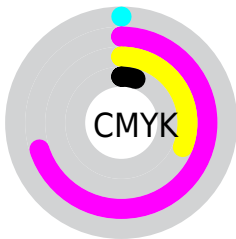
Distribution



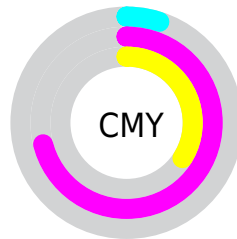
- Red (95%)
- Green (29%)
- Blue (66%)



- Red (95%)
- Yellow (29%)
- Blue (66%)



- Cyan (0%)
- Magenta (70%)
- Yellow (31%)
- Black (5%)



- Cyan (5%)
- Magenta (71%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the YUV color 134.3610, 16.5840, 94.3994 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 134.3610, 16.5840, 94.3994 by changing the saturation by 10% instead.

134.3610, 16.5840,
94.3994

134.3610, 16.5840,
94.3994

255.0000, 0.0000,
0.0000

100.9960, 20.2150,
96.4735

179.7380, 21.3282,
66.0048

67.3430, 23.9879,
99.6772

200.6540, 25.3136,
47.6614

55.8220, 17.3428,
84.3481

218.0190, 18.2316,
32.4323

44.2300, 11.7186,
68.2043

235.6290, 9.5499,
16.9884

32.9370, 5.9471,
52.6753

253.2390, 0.8682,
1.5444

22.8830, 1.0437,
38.6906

10.8780, -4.8699,

22.0320

■ 0.0000, 0.0000,
0.0000

■ 134.3610, 16.5840,
94.3994

■ 134.3610, 16.5840,
94.3994

■ 119.0190, 18.7246,
107.8543

■ 149.7030, 14.4434,
80.9445

■ 103.7910, 21.3020,
121.2093

■ 164.9310, 11.8660,
67.5895

■ 87.8620, 23.7320,
135.1790

■ 180.8600, 9.4360,
53.6198

■ 196.0880, 6.8586,
40.2648

■ 211.4300, 4.7180,
26.8099

226.7720, 2.5774,
13.3550

242.0000, 0.0000,
0.0000

250.8850, 1.0427,
-7.7921

251.1130, 1.9163,
-7.9921

Harmonies

Analogous

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



143.6330, 40.6069, 42.4179



134.3610, 16.5840, 94.3994



129.7670, -12.7031, 108.0753

Triad

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



134.3610, 16.5840, 94.3994



127.5180, -62.8664, 3.9307



124.3460, 55.0454, -109.0514

Complementary

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



134.3610, 16.5840, 94.3994



180.6390, -16.5840, -94.3994

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.



119.7230, 29.7166, -104.9971



134.3610, 16.5840, 94.3994



112.8960, -32.9797, -62.1758

Square

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



134.3610, 16.5840, 94.3994



132.2340, -65.1914, 49.7838



111.4980, 0.7405, -97.7837



120.0550, 66.5279, -105.2882

Rectangle

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



134.3610, 16.5840, 94.3994



131.8970, -33.4732, 96.5603



111.4980, 0.7405, -97.7837



123.6960, 47.4779, -108.4814

Sweetspot

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



134.3610, 16.5840, 94.3994



220.6800, 5.5808, 30.0986



114.0930, 63.0582, 27.9824



107.6200, 3.1453, 17.8733



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.



134.3610, 16.5840, 94.3994



118.6660, 20.8707, 119.5649



124.7850, -20.1070, 102.7976



112.3860, 1.2887, 6.6775



66.7580, 17.8673, 102.8212



20.3920, 5.7227, 31.2282

Inverse Universe

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



134.3610, 16.5840, 94.3994



118.6660, 20.8707, 119.5649



190.2150, 20.1070, -102.7976



112.3860, 1.2887, 6.6775



66.7580, 17.8673, 102.8212



20.3920, 5.7227, 31.2282

Previews

White Background



This preview shows how the YUV color 134.3610, 16.5840, 94.3994 looks on a white background.

Color Contrast Check

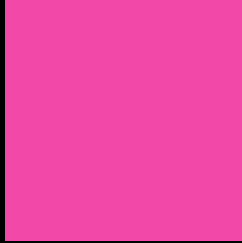
Large Text (above 18pt) WCAG AA ✓ Pass

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 134.3610, 16.5840, 94.3994 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

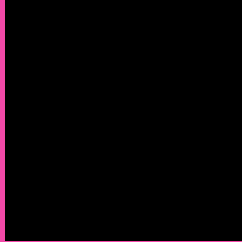
Any Text WCAG AA ✓ Pass

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 134.3610, 16.5840, 94.3994 Background



This preview shows how black text looks on a background with the YUV color 134.3610, 16.5840, 94.3994.



This preview shows how white text looks on a background with the YUV color 134.3610, 16.5840,

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

134.3610, 16.5840, 94.3994

Protanopia

140.1890, 36.8818, -22.9678

Deuteranopia

142.1990, 8.2829, 3.3335



Tritanopia

136.0390, -18.7532, 88.5428

Trichromacy



Original Color

134.3610, 16.5840, 94.3994



Protanomaly

138.2160, 29.4735, 19.9816



Deuteranomaly

139.5050, 11.0900, 36.3911



Tritanomaly

135.3780, -6.1024, 90.8765

Monochromacy



Original Color

134.3610, 16.5840, 94.3994



Achromatopsia

134.0000, 0.0000, 0.0000



Achromatomaly

134.1150, 5.8593, 34.1021

CSS Examples

Text

The CSS property to change the color of the text to YUV 134.3610, 16.5840, 94.3994 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(242, 73, 168)` looks like.

```
.text, #text, p{  
    color:rgb(242, 73, 168)  
}
```

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(242, 73, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 73, 168) }
```

Border

The CSS property to change the border of an element to YUV 134.3610, 16.5840, 94.3994 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(242, 73, 168) }
```


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

```
.border{ border-color:rgb(242, 73, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(242, 73, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 73, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 73, 168);  
box-shadow:4px 4px 4px 4px rgb(242, 73,  
168) }
```

Background

The CSS property to change the background color of an element to YUV 134.3610, 16.5840, 94.3994 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 73, 168) }
```

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

```
.background{ background-color: rgb(242, 73,  
168) }
```

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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