

Converting Colors

YUV(94.5160, 35.2416,
130.2205)

Have a look what the booklet for
YUV(94.5160, 35.2416, 130.2205)
contains.

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Color

**YUV(94.5160, 35.2416,
130.2205)**

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | F305A6 |
| RGB | 243, 5, 166 |
| RGB Percent | 95%, 2%, 65% |
| CMY | 0.0471, 0.9804, 0.3490 |
| CMYK | 0.00, 0.98, 0.32, 0.05 |
| HSL | 319°, 96%, 49% |
| HSV | 319°, 98%, 95% |
| XYZ | 43.8994, 21.9164, 37.9929 |
| YIQ | 94.5160, 90.1670, 100.5270 |

Conversions

Conversions Part 2

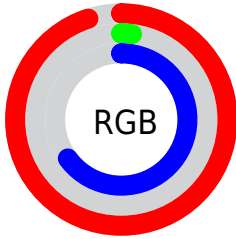
| Format | Color |
|-------------------------------------|-------------------------------|
| R_{YB} | 243, 5, 166 |
| Decimal | 15926694 |
| CIE _{Lab} | 53.94, 85.04, -20.22 |
| CIE _{LCh} | 54, 87.408, 346.625 |
| Yxy | 21.9164, 0.4229, 0.2111 |
| Android (android.graphics.Color) | 4294116774 (0xFFFF305A6) |
| YUV | 94.5160, 35.2416, 130.2205 |
| Hunter-Lab | 46.8150, 85.4570, -15.3466 |

Details

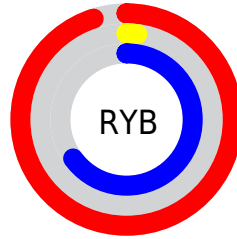
The YUV color **94.5160, 35.2416, 130.2205** is a dark color, and the websafe version is hex **FF0099**. The color can be described as middle saturated rose. A complement of this color would be **153.4840, -35.2416, -130.2205**, and the grayscale version is **94.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **160.1390, 30.0045, 83.1931**, and **67.1150, 23.1143, 99.8771** is the 20% darker color. If you saturate the color by 10%, you get **91.3530, 35.8150, 132.9944**, and if you desaturate by 10%, it is **109.5160, 31.7906, 117.0655**.

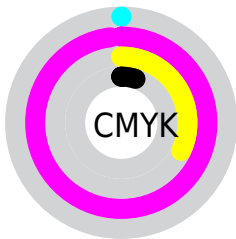
Distribution



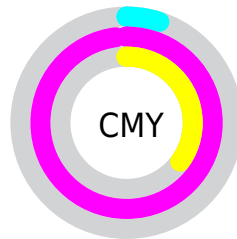
- Red (95%)
- Green (2%)
- Blue (65%)



- Red (95%)
- Yellow (2%)
- Blue (65%)



- Cyan (0%)
- Magenta (98%)
- Yellow (32%)
- Black (5%)





- Cyan (5%)
- Magenta (98%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the YUV color 94.5160, 35.2416, 130.2205 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 94.5160, 35.2416, 130.2205 by changing the saturation by 10% instead.


 94.5160, 35.2416,
130.2205


 94.5160, 35.2416,
130.2205

255.0000, 0.0000,
0.0000


 79.3480, 29.9014,
116.3358


 160.1390, 30.0045,
83.1931


 67.1150, 23.1143,
99.8771


 181.6420, 33.7005,
64.3350


 55.2950, 16.6166,
83.9333


 200.4090, 26.9134,
47.8763

 43.7030, 10.9924,
67.7895

 218.6060, 17.9422,
31.9175

 32.1110, 5.3683,
51.6457

 236.2160, 9.2605,
16.4736

 21.0460, 0.4703,
35.9167

254.4130, 0.2894,

 8.7850, -3.8380,

0.5148

17.7286

■ 0.0000, 0.0000,
0.0000

■ 94.5160, 35.2416,
130.2205

■ 94.5160, 35.2416,
130.2205

■ 91.3530, 35.8150,
132.9944

■ 109.5160, 31.7906,
117.0655

■ 125.1030, 28.0502,
103.3957

■ 140.1030, 24.5992,
90.2407

■ 154.9890, 20.7114,
77.1856

■ 169.9890, 17.2604,
64.0306

■ 185.5760, 13.5200,
50.3608

■ 200.5760, 10.0690,
37.2058

■ 215.5760, 6.6180,
24.0508

■ 231.1630, 2.8776,
10.3810

Harmonies

Analogous

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



129.5160, 51.5106, 45.1515



94.5160, 35.2416, 130.2205



86.6190, 2.1598, 147.6701

Triad

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



94.5160, 35.2416, 130.2205



116.2880, -57.3300, 1.5014



119.9920, 58.6709, -105.2330

Complementary

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



94.5160, 35.2416, 130.2205



153.4840, -35.2416, -130.2205

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.



113.3000, 27.9531, -99.3641



94.5160, 35.2416, 130.2205



89.2240, -43.9874, -78.2494

Square

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



94.5160, 35.2416, 130.2205



121.3470, -59.8241, 54.9467



103.1200, -5.9752, -90.4362



115.9460, 68.5536, -101.6846

Rectangle

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



94.5160, 35.2416, 130.2205



108.2680, -32.6701, 119.0370



103.1200, -5.9752, -90.4362



118.1850, 49.2088, -103.6482

Sweetspot

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



94.5160, 35.2416, 130.2205



208.8260, 10.9318, 40.4946



54.5570, 92.9024, 22.3135



99.8750, 6.4706, 24.6656



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.



94.5160, 35.2416, 130.2205



95.9670, 37.9773, 139.4719



81.1780, -15.8638, 141.9179



114.5000, 1.7255, 6.5775



69.9780, 27.6188, 101.7513



22.2010, 8.7749, 32.2727

Inverse Universe

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



94.5160, 35.2416, 130.2205



95.8530, 37.5405, 139.5719



166.8220, 15.8638, -141.9179



114.5000, 1.7255, 6.5775



69.9780, 27.6188, 101.7513



22.2010, 8.7749, 32.2727

Previews

White Background



This preview shows how the YUV color 94.5160, 35.2416, 130.2205 looks on a white background.

Color Contrast Check

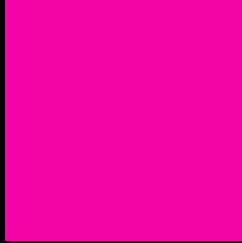
Large Text (above 18pt) WCAG AA ✓ Pass

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 94.5160, 35.2416, 130.2205 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 94.5160, 35.2416, 130.2205

Background



This preview shows how black text looks on a background with the YUV color 94.5160, 35.2416, 130.2205.



This preview shows how white text looks on a background with the YUV color 94.5160, 35.2416,

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

94.5160, 35.2416, 130.2205

Protanopia

124.2910, 55.5655, -42.3512

Deuteranopia

131.3880, 11.6407, -0.3403



Tritanopia

117.0580, -24.1856, 104.3121

Trichromacy



Original Color

94.5160, 35.2416, 130.2205



Protanomaly

113.7380, 47.9502, 20.4008



Deuteranomaly

118.2750, 20.0774, 47.1168



Tritanomaly

109.1450, -2.5365, 113.8828

Monochromacy



Original Color

94.5160, 35.2416, 130.2205



Achromatopsia

95.0000, 0.0000, 0.0000



Achromatomaly

94.7390, 12.9467, 47.5869

CSS Examples

Text

The CSS property to change the color of the text to YUV 94.5160, 35.2416, 130.2205 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(243, 5, 166)` looks like.

```
.text, #text, p{  
    color:rgb(243, 5, 166)  
}
```

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(243, 5, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(243, 5, 166) }
```

Border

The CSS property to change the border of an element to YUV 94.5160, 35.2416, 130.2205 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(243, 5, 166) }
```


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

```
.border{ border-color:rgb(243, 5, 166) }
```

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

Here you see how a box with a 4 pixel rgb(243, 5, 166) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(243, 5, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(243, 5, 166);  
box-shadow:4px 4px 4px 4px rgb(243, 5,  
166) }
```

Background

The CSS property to change the background color of an element to YUV 94.5160, 35.2416, 130.2205 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(243, 5, 166) }
```

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

```
.background{ background-color: rgb(243, 5,  
166) }
```

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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