

Converting Colors

YUV(94.5760, 34.2260,
129.2908)

Have a look what the booklet for
YUV(94.5760, 34.2260, 129.2908)
contains.

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Color

**YUV(94.5760, 34.2260,
129.2908)**

Conversions

Conversions Part 1

Format	Color
Hex	F206A4
RGB	242, 6, 164
RGB Percent	95%, 2%, 64%
CMY	0.0510, 0.9765, 0.3569
CMYK	0.00, 0.98, 0.32, 0.05
HSL	320°, 95%, 49%
HSV	320°, 98%, 95%
XYZ	43.3839, 21.6878, 37.0215
YIQ	94.5760, 89.9380, 99.1700

Conversions

Conversions Part 2

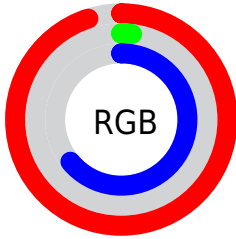
Format	Color
RYB	242, 6, 164
Decimal	15861412
CIELab	53.69, 84.57, -19.43
CIElCh	54, 86.773, 347.061
Yxy	21.6878, 0.4249, 0.2124
Android (android.graphics.Color)	4294051492 (0xFFFF206A4)
YUV	94.5760, 34.2260, 129.2908
Hunter-Lab	46.5702, 84.7894, -14.5342

Details

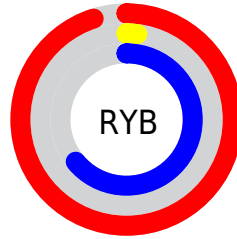
The YUV color **94.5760, 34.2260, 129.2908** is a dark color, and the websafe version is hex **FF0099**. The color can be described as middle saturated rose. A complement of this color would be **153.4240, -34.2260, -129.2908**, and the grayscale version is **94.0000, 0.0000, 0.0000**.

A 20% lighter version of the original color is **159.9110, 29.1309, 83.3931**, and **66.5880, 22.3881, 99.4623** is the 20% darker color. If you saturate the color by 10%, you get **90.8260, 35.0888, 132.5796**, and if you desaturate by 10%, it is **109.5760, 30.7750, 116.1358**.

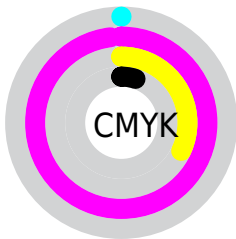
Distribution



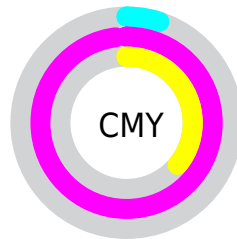
- Red (95%)
- Green (2%)
- Blue (64%)



- Red (95%)
- Yellow (2%)
- Blue (64%)



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





- Cyan (5%)
- Magenta (98%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the YUV color 94.5760, 34.2260, 129.2908 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 94.5760, 34.2260, 129.2908 by changing the saturation by 10% instead.


 94.5760, 34.2260,
129.2908


 94.5760, 34.2260,
129.2908


255.0000, 0.0000,
0.0000


 78.8210, 29.1752,
115.9210


 159.9110, 29.1309,
83.3931


 66.5880, 22.3881,
99.4623


 181.4140, 32.8269,
64.5349


 54.8820, 16.3272,
83.4185


 200.4090, 26.9134,
47.8763

 43.1760, 10.2662,
67.3746

 218.6060, 17.9422,
31.9175

 31.6980, 5.0789,
51.1309

 236.2160, 9.2605,
16.4736

 20.5190, -0.2559,
35.5018

254.4130, 0.2894,

 8.4860, -3.6906,

0.5148

17.1138

■ 0.0000, 0.0000,
0.0000

■ 94.5760, 34.2260,
129.2908

■ 94.5760, 34.2260,
129.2908

■ 90.8260, 35.0888,
132.5796

■ 109.5760, 30.7750,
116.1358

■ 124.5760, 27.3240,
102.9808

■ 140.1630, 23.5836,
89.3110

■ 155.1630, 20.1326,
76.1560

■ 170.1630, 16.6816,
63.0010

■ 185.1630, 13.2306,
49.8460

■ 200.1630, 9.7796,
36.6910

■ 215.7500, 6.0393,
23.0213

■ 230.7500, 2.5882,
9.8663

Harmonies

Analogous

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



128.7010, 50.9264, 45.8662



94.5760, 34.2260, 129.2908



86.5050, 1.7230, 147.7701

Triad

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



94.5760, 34.2260, 129.2908



115.6900, -57.0352, 0.2719



119.2910, 58.5235, -104.6182

Complementary

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



94.5760, 34.2260, 129.2908



153.4240, -34.2260, -129.2908

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.



112.7130, 28.2425, -98.8493



94.5760, 34.2260, 129.2908



88.6370, -43.6980, -77.7346

Square

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



94.5760, 34.2260, 129.2908



120.7490, -59.5293, 53.7171



102.6470, -5.2490, -90.0214



115.3590, 68.8430, -101.1698

Rectangle

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



94.5760, 34.2260, 129.2908



108.7300, -33.3909, 116.8778



102.6470, -5.2490, -90.0214



118.1850, 49.2088, -103.6482

Sweetspot

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



94.5760, 34.2260, 129.2908



208.8260, 10.9318, 40.4946



55.3290, 92.0288, 22.5135



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.



94.5760, 34.2260, 129.2908



95.7390, 37.1037, 139.6719



81.4660, -16.0057, 140.7883



112.5000, 1.7255, 6.5775



69.0380, 26.6033, 100.8217



21.0760, 8.3435, 30.6283

Inverse Universe

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



94.5760, 34.2260, 129.2908



95.7390, 37.1037, 139.6719



166.5340, 16.0057, -140.7883



112.5000, 1.7255, 6.5775



69.0380, 26.6033, 100.8217



21.0760, 8.3435, 30.6283

Previews

White Background



This preview shows how the YUV color 94.5760, 34.2260, 129.2908 looks on a white background.

Color Contrast Check

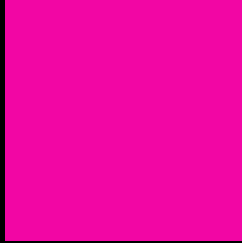
Large Text (above 18pt) WCAG AA ✓ Pass

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 94.5760, 34.2260, 129.2908 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 94.5760, 34.2260, 129.2908

Background



This preview shows how black text looks on a background with the YUV color 94.5760, 34.2260, 129.2908.



This preview shows how white text looks on a background with the YUV color 94.5760, 34.2260,

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

94.5760, 34.2260, 129.2908

Protanopia

123.6610, 54.3971, -40.9217

Deuteranopia

130.5730, 11.0565, 0.3745



Tritanopia

116.4710, -23.8962, 104.8269

Trichromacy



Original Color

94.5760, 34.2260, 129.2908



Protanomaly

112.9230, 47.3660, 21.1155



Deuteranomaly

117.1610, 19.6406, 47.2168



Tritanomaly

108.7320, -2.8259, 113.3680

Monochromacy



Original Color

94.5760, 34.2260, 129.2908



Achromatopsia

95.0000, 0.0000, 0.0000



Achromatomaly

94.9130, 12.3679, 46.5573

CSS Examples

Text

The CSS property to change the color of the text to YUV 94.5760, 34.2260, 129.2908 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, 6, 164)` looks like.

```
.text, #text, p{  
    color:rgb(242, 6, 164)  
}
```

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, 6, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(242, 6, 164) }
```

Border

The CSS property to change the border of an element to YUV 94.5760, 34.2260, 129.2908 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, 6, 164) }
```


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

```
.border{ border-color:rgb(242, 6, 164) }
```

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

Here you see how a box with a 4 pixel rgb(242, 6, 164) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(242, 6, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(242, 6, 164);  
box-shadow:4px 4px 4px 4px rgb(242, 6,  
164) }
```

Background

The CSS property to change the background color of an element to YUV 94.5760, 34.2260, 129.2908 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(242, 6, 164) }
```

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

```
.background{ background-color: rgb(242, 6,  
164) }
```

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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