

Converting Colors

$Y_{xy}(45.5888, 0.4926, 0.3099)$

Have a look what the booklet for
Yxy(45.5888, 0.4926, 0.3099)
contains.

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Color

Yxy(34.9052, 0.4511, 0.3043)

Conversions

Conversions Part 1

Format	Color
Hex	FF718A
RGB	255, 113, 138
RGB Percent	100%, 44%, 54%
CMY	0.0000, 0.5570, 0.4588
CMYK	0.00, 0.56, 0.46, 0.00
HSL	349°, 100%, 72%
HSV	349°, 56%, 100%
XYZ	51.7441, 34.9052, 28.0572
YIQ	158.3080, 76.6070, 37.8790

Conversions

Conversions Part 2

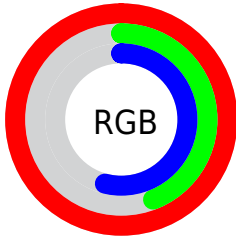
Format	Color
RYB	255, 113, 138
Decimal	16740746
CIELab	65.67, 56.22, 13.55
CIElCh	66, 57.830, 13.550
Yxy	34.9052, 0.4511, 0.3043
Android (android.graphics.Color)	4294930826 (0xFFFF718A)
YUV	158.3080, -10.0118, 84.7989
Hunter-Lab	59.0806, 52.9432, 13.1998

Details

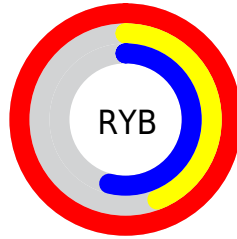
The Yxy color **34.9052, 0.4511, 0.3043** is a light color, and the websafe version is hex **FF6699**. A complement of this color would be **80.7401, 0.2526, 0.3588**, and the grayscale version is **34.3513, 0.3127, 0.3290**.

A 20% lighter version of the original color is **53.3975, 0.3717, 0.3062**, and **15.1002, 0.4958, 0.2939** is the 20% darker color. If you saturate the color by 10%, you get **29.4376, 0.4922, 0.3025**, and if you desaturate by 10%, it is **42.0765, 0.4145, 0.3079**.

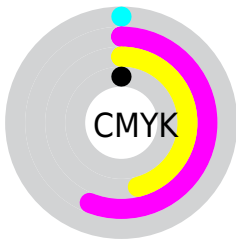
Distribution



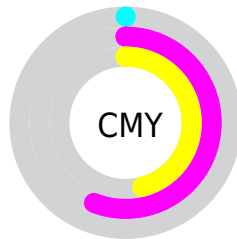
- Red (100%)
- Green (44%)
- Blue (54%)



- Red (100%)
- Yellow (44%)
- Blue (54%)



- Cyan (0%)
- Magenta (56%)
- Yellow (46%)
- Black (0%)





- Cyan (0%)
- Magenta (56%)
- Yellow (46%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 34.9052, 0.4511, 0.3043 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 Yxy color 34.9052, 0.4511, 0.3043 by changing the saturation by 10% instead.

 34.9052, 0.4511,
0.3043


 34.9052, 0.4511,
0.3043


324.1497, 0.3783,
0.3195


 23.5899, 0.4702,
0.2996


 67.3389, 0.4239,
0.3105

 15.0297, 0.4951,
0.2930


 89.2260, 0.4139,
0.3126

 8.8402, 0.5288,
0.2832


 115.4059, 0.4055,
0.3143

 4.6371, 0.5763,
0.2679

146.2628, 0.3984,
0.3157

 2.0360, 0.6464,
0.2417

182.1813, 0.3923,
0.3169

 0.6282, 0.8022,
0.1978

223.5457, 0.3870,

 0.0000, 1.0000,

0.3179

0.0000

270.7403, 0.3824,
0.3188

■ 0.0000, 0.0000,
0.0000

■ 34.9052, 0.4511,
0.3043

■ 34.9052, 0.4511,
0.3043

■ 29.4376, 0.4922,
0.3025

■ 42.0765, 0.4145,
0.3079

■ 25.5467, 0.5350,
0.3033

■ 51.0971, 0.3836,
0.3123

■ 23.0584, 0.5751,
0.3073

■ 62.0770, 0.3581,
0.3172

■ 21.7649, 0.6067,
0.3142

■ 75.1223, 0.3374,
0.3220

■ 21.4491, 0.6172,
0.3174

■ 90.3319, 0.3207,
0.3265

100.0000, 0.3127,
0.3290

Harmonies

Analogous

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



34.9052, 0.3696, 0.2507



34.9052, 0.4511, 0.3043



34.9052, 0.4873, 0.3658

Triad

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



34.9052, 0.4511, 0.3043



34.9052, 0.3249, 0.4902



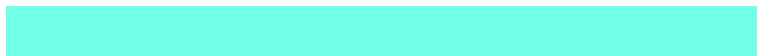
34.9052, 0.1726, 0.2095

Complementary

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



34.9052, 0.4511, 0.3043



80.7401, 0.2526, 0.3588

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.



34.9052, 0.1645, 0.2532



34.9052, 0.4511, 0.3043



34.9052, 0.2450, 0.4311

Square

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



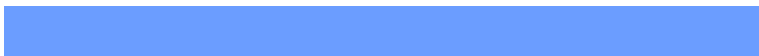
34.9052, 0.4511, 0.3043



34.9052, 0.4060, 0.4805



34.9052, 0.1881, 0.3335



34.9052, 0.2109, 0.1981

Rectangle

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



34.9052, 0.4511, 0.3043



34.9052, 0.4795, 0.4082



34.9052, 0.1881, 0.3335



34.9052, 0.1666, 0.2202

Sweetspot

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



34.8993, 0.4511, 0.3043



73.3020, 0.3398, 0.3214



35.6758, 0.2954, 0.1873



15.1042, 0.3438, 0.3204



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



34.8993, 0.4511, 0.3043



28.8449, 0.4977, 0.3024



46.8876, 0.4514, 0.3751



18.0393, 0.3266, 0.3248



11.2226, 0.6139, 0.3156



1.1063, 0.5854, 0.2998

Inverse Universe

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



34.8993, 0.4511, 0.3043



28.8449, 0.4977, 0.3024



56.8343, 0.2306, 0.2735



18.0393, 0.3266, 0.3248



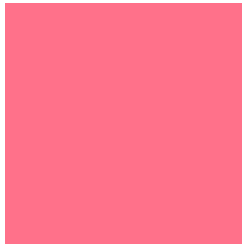
11.2226, 0.6139, 0.3156



1.1063, 0.5854, 0.2998

Previews

White Background



This preview shows how the Yxy color 34.9052, 0.4511, 0.3043 looks on a white background.

Color Contrast Check

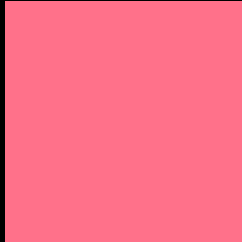
Large Text (above 18pt) WCAG AA × Fail

Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail

Black Background



This preview shows how the Yxy color 34.9052, 0.4511, 0.3043 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 ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 34.9052, 0.4511, 0.3043

Background



This preview shows how black text looks on a background with the Yxy color 34.9052, 0.4511, 0.3043.

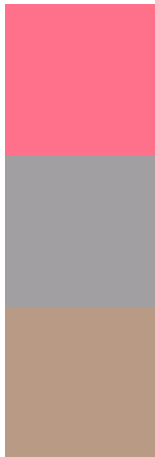


This preview shows how white text looks on a background with the Yxy color 34.9052, 0.4511, 0.3043.

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

34.9052, 0.4511, 0.3043

Protanopia

35.0863, 0.3129, 0.3246

Deuteranopia

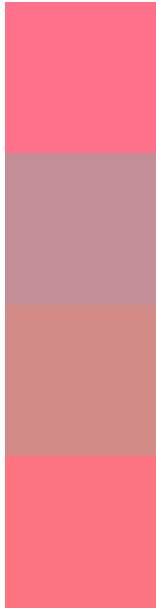
35.0914, 0.3663, 0.3598



Tritanopia

34.9917, 0.4672, 0.3225

Trichromacy



Original Color

34.9052, 0.4511, 0.3043

Protanomaly

33.3817, 0.3598, 0.3145

Deuteranomaly

33.8881, 0.3972, 0.3356

Tritanomaly

34.8908, 0.4616, 0.3164

Monochromacy



Original Color

34.9052, 0.4511, 0.3043

Achromatopsia

34.1914, 0.3127, 0.3290

Achromatomaly

32.9178, 0.3587, 0.3170

CSS Examples

Text

The CSS property to change the color of the text to Yxy 34.9052, 0.4511, 0.3043 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, 113, 138)` looks like.

```
.text, #text, p{  
    color:rgb(255, 113, 138)  
}
```

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, 113, 138) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 113, 138) }
```

Border

The CSS property to change the border of an element to Yxy 34.9052, 0.4511, 0.3043 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, 113, 138) }
```

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

```
.border{ border-color:rgb(255, 113, 138) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 113, 138)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 113, 138); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 113, 138);  
box-shadow:4px 4px 4px 4px rgb(255, 113,  
138) }
```


Background

The CSS property to change the background color of an element to Yxy 34.9052, 0.4511, 0.3043 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 113, 138) }
```

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

```
.background{ background-color: rgb(255,  
113, 138) }
```

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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