

Converting Colors

$Y_{xy}(58.2243, 0.4351, 0.2920)$

Have a look what the booklet for
Yxy(58.2243, 0.4351, 0.2920)
contains.

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Color

Yxy(44.5358, 0.3814, 0.2824)

Conversions

Conversions Part 1

Format	Color
Hex	FF8FBC
RGB	255, 143, 188
RGB Percent	100%, 56%, 74%
CMY	0.0000, 0.4393, 0.2626
CMYK	0.00, 0.44, 0.26, 0.00
HSL	336°, 100%, 78%
HSV	336°, 44%, 100%
XYZ	60.1486, 44.5358, 53.0203
YIQ	181.6180, 52.3070, 37.7390

Conversions

Conversions Part 2

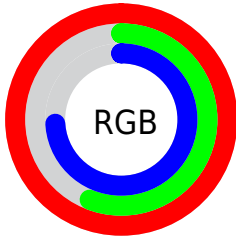
Format	Color
R_{YB}	255, 143, 188
Decimal	16748476
CIE _{Lab}	72.59, 47.44, -4.61
CIE _{LCh}	73, 47.663, 354.445
Yxy	44.5358, 0.3814, 0.2824
Android (android.graphics.Color)	4294938556 (0xFFFF8FBC)
YUV	181.6180, 3.1463, 64.3560
Hunter-Lab	66.7351, 44.0960, -0.3906

Details

The Yxy color **44.5358, 0.3814, 0.2824** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **82.0095, 0.2738, 0.3825**, and the grayscale version is **46.5190, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.6385, 0.3231, 0.2844**, and **20.6298, 0.4008, 0.2692** is the 20% darker color. If you saturate the color by 10%, you get **37.1054, 0.4058, 0.2729**, and if you desaturate by 10%, it is **53.7708, 0.3605, 0.2931**.

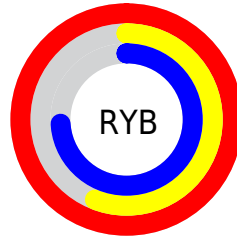
Distribution



Red (100%)

Green (56%)

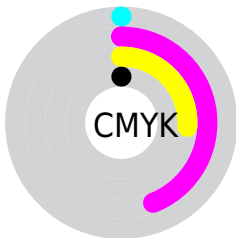
Blue (74%)



Red (100%)

Yellow (56%)

Blue (74%)

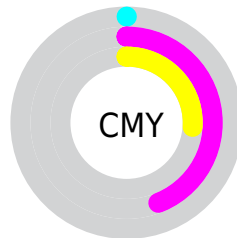


Cyan (0%)

Magenta (44%)

Yellow (26%)

Black (0%)



Cyan (0%)


Magenta (44%)


Yellow (26%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 44.5358, 0.3814, 0.2824 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 44.5358, 0.3814, 0.2824 by changing the saturation by 10% instead.


 44.5358, 0.3814,
0.2824


 44.5358, 0.3814,
0.2824

364.8903, 0.3472,
0.3053

 31.0920, 0.3899,
0.2768


 82.0234, 0.3690,
0.2906

 20.6689, 0.4007,
0.2698


 106.8359, 0.3643,
0.2937

 12.8822, 0.4151,
0.2606

136.2068, 0.3604,
0.2964

 7.3475, 0.4349,
0.2480

170.5204, 0.3570,
0.2986

 3.6803, 0.4639,
0.2299

210.1612, 0.3540,
0.3006

 1.4964, 0.5102,
0.2020

255.5135, 0.3515,

 0.2862, 0.6316,

0.3024

0.1146

306.9617, 0.3492,
0.3039

■ 0.0000, 1.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 44.5358, 0.3814,
0.2824

■ 44.5358, 0.3814,
0.2824

■ 37.1054, 0.4058,
0.2729

■ 53.7708, 0.3605,
0.2931

■ 31.3650, 0.4337,
0.2657

■ 64.9276, 0.3430,
0.3041

■ 27.1755, 0.4640,
0.2620

■ 78.1052, 0.3286,
0.3149

■ 24.3786, 0.4952,
0.2632

■ 93.3979, 0.3168,
0.3251

■ 22.7811, 0.5250,
0.2698

100.0000, 0.3127,
0.3290

■ 22.2301, 0.5418,
0.2758

Harmonies

Analogous

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



44.5358, 0.3124, 0.2459



44.5358, 0.3814, 0.2824



44.5358, 0.4330, 0.3298

Triad

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



44.5358, 0.3814, 0.2824



44.5358, 0.3668, 0.4525



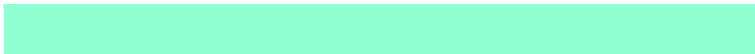
44.5358, 0.1942, 0.2561

Complementary

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



44.5358, 0.3814, 0.2824



82.0095, 0.2738, 0.3825

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.



44.5358, 0.2050, 0.3097



44.5358, 0.3814, 0.2824



44.5358, 0.3015, 0.4374

Square

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



44.5358, 0.3814, 0.2824



44.5358, 0.4207, 0.4270



44.5358, 0.2426, 0.3800



44.5358, 0.2098, 0.2290

Rectangle

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



44.5358, 0.3814, 0.2824



44.5358, 0.4469, 0.3640



44.5358, 0.2426, 0.3800



44.5358, 0.1948, 0.2711

Sweetspot

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



44.5335, 0.3814, 0.2824



79.4315, 0.3274, 0.3158



40.3188, 0.2785, 0.2080



16.3316, 0.3303, 0.3135



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.



44.5335, 0.3814, 0.2824



37.7206, 0.4034, 0.2737



45.8040, 0.4255, 0.3391



18.1081, 0.3231, 0.3195



11.6433, 0.5375, 0.2735



1.1546, 0.5075, 0.2569

Inverse Universe

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



44.5335, 0.3814, 0.2824



37.7206, 0.4034, 0.2737



78.7669, 0.2514, 0.3182



18.1081, 0.3231, 0.3195



11.6433, 0.5375, 0.2735



1.1546, 0.5075, 0.2569

Previews

White Background



This preview shows how the Yxy color 44.5358, 0.3814, 0.2824 looks on a white background.

Color Contrast Check

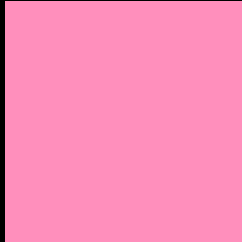
Large Text (above 18pt) WCAG AA × Fail

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 44.5358, 0.3814, 0.2824 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

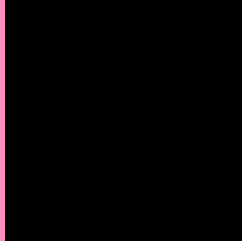
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.5358, 0.3814, 0.2824

Background



This preview shows how black text looks on a background with the Yxy color 44.5358, 0.3814, 0.2824.



This preview shows how white text looks on a background with the Yxy color 44.5358, 0.3814, 0.2824.

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

44.5358, 0.3814, 0.2824

Protanopia

44.8184, 0.2842, 0.2878

Deuteranopia

44.7754, 0.3231, 0.3163



Tritanopia

44.3785, 0.4079, 0.3176

Trichromacy



Original Color

44.5358, 0.3814, 0.2824



Protanomaly

43.6839, 0.3157, 0.2852



Deuteranomaly

43.9424, 0.3432, 0.3016



Tritanomaly

44.3427, 0.3978, 0.3039

Monochromacy



Original Color

44.5358, 0.3814, 0.2824



Achromatopsia

46.7784, 0.3127, 0.3290



Achromatomaly

45.0213, 0.3366, 0.3096

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.5358, 0.3814, 0.2824 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, 143, 188)` looks like.

```
.text, #text, p{  
    color:rgb(255, 143, 188)  
}
```

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, 143, 188) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 143, 188) }
```

Border

The CSS property to change the border of an element to Yxy 44.5358, 0.3814, 0.2824 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, 143, 188) }
```

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

```
.border{ border-color:rgb(255, 143, 188) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 143, 188)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 143, 188); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 143, 188);  
box-shadow:4px 4px 4px 4px rgb(255, 143,  
188) }
```


Background

The CSS property to change the background color of an element to Yxy 44.5358, 0.3814, 0.2824 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 143, 188) }
```

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

```
.background{ background-color: rgb(255,  
143, 188) }
```

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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