

Converting Colors

$Y_{xy}(44.4681, 0.4045, 0.3179)$

Have a look what the booklet for
Yxy(44.4681, 0.4045, 0.3179)
contains.

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Color

Yxy(44.3570, 0.4045, 0.3175)

Conversions

Conversions Part 1

Format	Color
Hex	FA95A0
RGB	250, 149, 160
RGB Percent	98%, 58%, 63%
CMY	0.0197, 0.4156, 0.3726
CMYK	0.00, 0.40, 0.36, 0.02
HSL	353°, 91%, 78%
HSV	353°, 40%, 98%
XYZ	56.5115, 44.3570, 38.8386
YIQ	180.4530, 56.6650, 24.8330

Conversions

Conversions Part 2

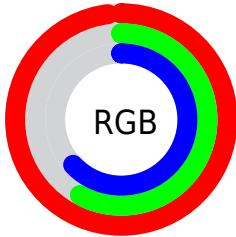
Format	Color
R _Y B	250, 149, 160
Decimal	16422304
CIE Lab	72.47, 39.12, 10.69
CIE LCh	72, 40.552, 15.283
Yxy	44.3570, 0.4045, 0.3175
Android (android.graphics.Color)	4294612384 (0xFFFA95A0)
YUV	180.4530, -10.0833, 60.9927
Hunter-Lab	66.6011, 34.9068, 12.0456

Details

The Yxy color **44.3570, 0.4045, 0.3175** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **80.9829, 0.2621, 0.3415**, and the grayscale version is **45.9323, 0.3127, 0.3290**.

A 20% lighter version of the original color is **69.3520, 0.3442, 0.3179**, and **20.5462, 0.4313, 0.3117** is the 20% darker color. If you saturate the color by 10%, you get **36.5677, 0.4411, 0.3151**, and if you desaturate by 10%, it is **53.9879, 0.3740, 0.3204**.

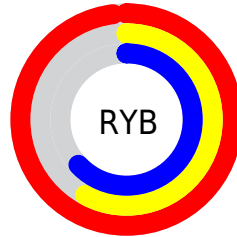
Distribution



Red (98%)

Green (58%)

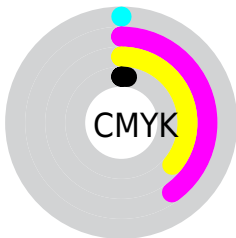
Blue (63%)



Red (98%)

Yellow (58%)

Blue (63%)

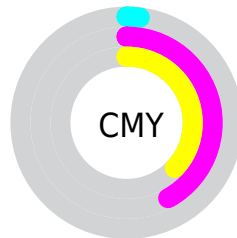


Cyan (0%)

Magenta (40%)

Yellow (36%)

Black (2%)



Cyan (2%)


Magenta (42%)

Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.3570, 0.4045, 0.3175 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 44.3570, 0.4045, 0.3175 by changing the saturation by 10% instead.


 44.3570, 0.4045,
0.3175

 44.3570, 0.4045,
0.3175


364.1631, 0.3578,
0.3244

 30.9513, 0.4163,
0.3154


 81.7547, 0.3874,
0.3203

 20.5617, 0.4315,
0.3125


 106.5154, 0.3810,
0.3213

 12.8040, 0.4518,
0.3083


135.8299, 0.3757,
0.3220

 7.2937, 0.4801,
0.3019


170.0826, 0.3711,
0.3227

 3.6465, 0.5221,
0.2909

209.6579, 0.3671,
0.3232

 1.4778, 0.5906,
0.2709

254.9401, 0.3636,

 0.2731, 0.8233,

0.3237

0.1767

306.3137, 0.3606,
0.3241

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

44.3570, 0.4045,
0.3175

44.3570, 0.4045,
0.3175

36.5677, 0.4411,
0.3151

53.9879, 0.3740,
0.3204

30.4963, 0.4833,
0.3136

65.5605, 0.3492,
0.3233

26.0144, 0.5285,
0.3136

79.1758, 0.3293,
0.3262

22.9726, 0.5721,
0.3155

94.9255, 0.3133,
0.3289

■ 21.1932, 0.6076,
0.3196

■ 99.0605, 0.3096,
0.3290

■ 20.4004, 0.6297,
0.3243

Harmonies

Analogous

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



44.3570, 0.3542, 0.2778



44.3570, 0.4045, 0.3175



44.3570, 0.4274, 0.3622

Triad

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



44.3570, 0.4045, 0.3175



44.3570, 0.3215, 0.4281



44.3570, 0.2168, 0.2476

Complementary

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



44.3570, 0.4045, 0.3175



80.9829, 0.2621, 0.3415

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.



44.3570, 0.2101, 0.2791



44.3570, 0.4045, 0.3175



44.3570, 0.2671, 0.3892

Square

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



44.3570, 0.4045, 0.3175



44.3570, 0.3761, 0.4310



44.3570, 0.2274, 0.3310



44.3570, 0.2463, 0.2385

Rectangle

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



44.3570, 0.4045, 0.3175



44.3570, 0.4234, 0.3909



44.3570, 0.2274, 0.3310



44.3570, 0.2119, 0.2556

Sweetspot

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



44.3592, 0.4045, 0.3175



80.3729, 0.3322, 0.3257



46.6139, 0.3074, 0.2262



16.7878, 0.3347, 0.3254



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.



44.3592, 0.4045, 0.3175



39.9982, 0.4320, 0.3156



58.3383, 0.3985, 0.3704



17.2559, 0.3277, 0.3265



10.8329, 0.6273, 0.3229



1.0130, 0.6036, 0.3099

Inverse Universe

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



44.3592, 0.4045, 0.3175



39.9982, 0.4320, 0.3156



60.0194, 0.2498, 0.2828



17.2559, 0.3277, 0.3265



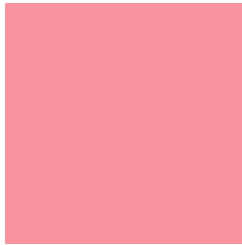
10.8329, 0.6273, 0.3229



1.0130, 0.6036, 0.3099

Previews

White Background



This preview shows how the Yxy color 44.3570, 0.4045, 0.3175 looks on a white background.

Color Contrast Check

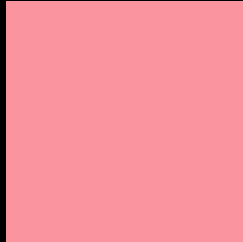
Large Text (above 18pt) WCAG AA × Fail

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 44.3570, 0.4045, 0.3175 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 44.3570, 0.4045, 0.3175

Background



This preview shows how black text looks on a background with the Yxy color 44.3570, 0.4045, 0.3175.



This preview shows how white text looks on a background with the Yxy color 44.3570, 0.4045, 0.3175.

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

44.3570, 0.4045, 0.3175

Protanopia

44.4845, 0.3187, 0.3317

Deuteranopia

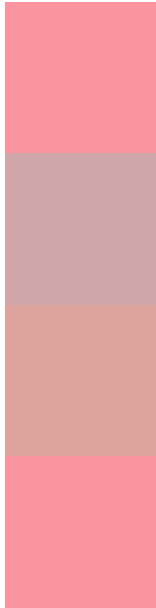
44.6019, 0.3555, 0.3494



Tritanopia

44.3570, 0.4045, 0.3175

Trichromacy



Original Color

44.3570, 0.4045, 0.3175

Protanomaly

43.8051, 0.3477, 0.3254

Deuteranomaly

44.2009, 0.3733, 0.3376

Tritanomaly

44.3570, 0.4045, 0.3175

Monochromacy



Original Color

44.3570, 0.4045, 0.3175

Achromatopsia

45.6411, 0.3127, 0.3290

Achromatomaly

44.3722, 0.3426, 0.3241

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.3570, 0.4045, 0.3175 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(250, 149, 160)` looks like.

```
.text, #text, p{  
    color:rgb(250, 149, 160)  
}
```

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(250, 149, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 149, 160) }
```

Border

The CSS property to change the border of an element to Yxy 44.3570, 0.4045, 0.3175 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(250, 149, 160) }
```

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

```
.border{ border-color:rgb(250, 149, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 149, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 149, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 149, 160);  
box-shadow:4px 4px 4px 4px rgb(250, 149,  
160) }
```


Background

The CSS property to change the background color of an element to Yxy 44.3570, 0.4045, 0.3175 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 149, 160) }
```

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

```
.background{ background-color: rgb(250,  
149, 160) }
```

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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