

Converting Colors

$Y_{xy}(43.4682, 0.4002, 0.3120)$

Have a look what the booklet for
Yxy(43.4682, 0.4002, 0.3120)
contains.

Yxy(43.4682, 0.4002, 0.3120)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(43.4682, 0.4002, 0.3120)

Conversions

Conversions Part 1

Format	Color
Hex	F893A3
RGB	248, 147, 163
RGB Percent	97%, 58%, 64%
CMY	0.0274, 0.4235, 0.3608
CMYK	0.00, 0.41, 0.34, 0.03
HSL	351°, 88%, 77%
HSV	351°, 41%, 97%
XYZ	55.7563, 43.4682, 40.0966
YIQ	179.0230, 55.0600, 26.3880

Conversions

Conversions Part 2

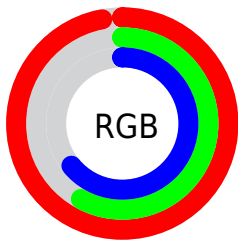
Format	Color
R _Y B	248, 147, 163
Decimal	16290723
CIE _{Lab}	71.87, 39.80, 8.15
CIE _{LCh}	72, 40.626, 11.570
Y _{xy}	43.4682, 0.4002, 0.3120
Android (android.graphics.Color)	4294480803 (0xFF893A3)
Y _{UV}	179.0230, -7.8993, 60.4928
Hunter-Lab	65.9304, 35.5764, 10.0931

Details

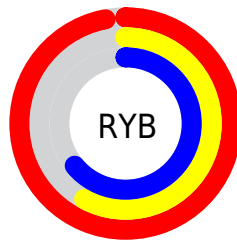
The Yxy color **43.4682, 0.4002, 0.3120** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **79.1684, 0.2641, 0.3475**, and the grayscale version is **45.1141, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.5630, 0.3422, 0.3128**, and **19.9719, 0.4269, 0.3061** is the 20% darker color. If you saturate the color by 10%, you get **35.8831, 0.4347, 0.3084**, and if you desaturate by 10%, it is **52.8435, 0.3714, 0.3162**.

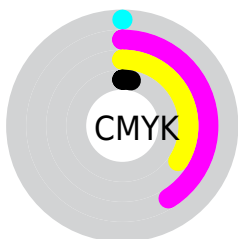
Distribution



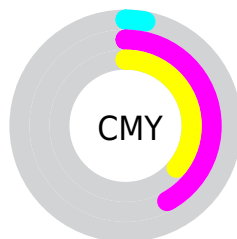
- Red (97%)
- Green (58%)
- Blue (64%)



- Red (97%)
- Yellow (58%)
- Blue (64%)



- Cyan (0%)
- Magenta (41%)
- Yellow (34%)
- Black (3%)





- Cyan (3%)
- Magenta (42%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.4682, 0.4002, 0.3120 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 43.4682, 0.4002, 0.3120 by changing the saturation by 10% instead.


 43.4682, 0.4002,
0.3120


 43.4682, 0.4002,
0.3120


360.5337, 0.3557,
0.3215

 30.2526, 0.4115,
0.3093


 80.4169, 0.3839,
0.3157

 20.0304, 0.4261,
0.3058


 104.9189, 0.3778,
0.3170

 12.4172, 0.4457,
0.3007


133.9517, 0.3726,
0.3181

 7.0285, 0.4731,
0.2932

167.8999, 0.3682,
0.3190

 3.4799, 0.5139,
0.2810

207.1478, 0.3645,
0.3197

 1.3871, 0.5805,
0.2588

252.0798, 0.3611,

 0.2072, 0.8541,

0.3204

0.1459

303.0803, 0.3582,
0.3210

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

43.4682, 0.4002,
0.3120

43.4682, 0.4002,
0.3120

35.8831, 0.4347,
0.3084

52.8435, 0.3714,
0.3162

29.9679, 0.4746,
0.3059

64.1064, 0.3479,
0.3206

25.5976, 0.5178,
0.3055

77.3551, 0.3290,
0.3248

22.6268, 0.5604,
0.3078

92.6789, 0.3137,
0.3287

■ 20.8820, 0.5967,
0.3131

■ 98.6973, 0.3084,
0.3290

■ 20.1054, 0.6209,
0.3194

Harmonies

Analogous

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



43.4682, 0.3472, 0.2731



43.4682, 0.4002, 0.3120



43.4682, 0.4274, 0.3568

Triad

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



43.4682, 0.4002, 0.3120



43.4682, 0.3286, 0.4314



43.4682, 0.2139, 0.2496

Complementary

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



43.4682, 0.4002, 0.3120



79.1684, 0.2641, 0.3475

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.



43.4682, 0.2101, 0.2842



43.4682, 0.4002, 0.3120



43.4682, 0.2730, 0.3963

Square

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



43.4682, 0.4002, 0.3120



43.4682, 0.3827, 0.4298



43.4682, 0.2305, 0.3384



43.4682, 0.2409, 0.2378

Rectangle

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



43.4682, 0.4002, 0.3120



43.4682, 0.4262, 0.3862



43.4682, 0.2305, 0.3384



43.4682, 0.2100, 0.2586

Sweetspot

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



43.4703, 0.4002, 0.3120



80.4573, 0.3312, 0.3242



44.6641, 0.3030, 0.2241



16.8075, 0.3335, 0.3237



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.



43.4703, 0.4002, 0.3120



39.4349, 0.4286, 0.3089



54.9784, 0.4017, 0.3654



17.2700, 0.3269, 0.3253



10.8735, 0.6179, 0.3177



1.0197, 0.5888, 0.3017

Inverse Universe

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



43.4703, 0.4002, 0.3120



39.4349, 0.4286, 0.3089



61.2456, 0.2503, 0.2886



17.2700, 0.3269, 0.3253



10.8735, 0.6179, 0.3177



1.0197, 0.5888, 0.3017

Previews

White Background



This preview shows how the Yxy color 43.4682, 0.4002, 0.3120 looks on a white background.

Color Contrast Check

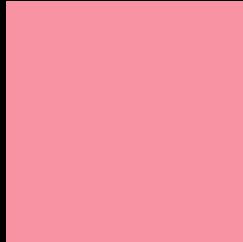
Large Text (above 18pt) WCAG AA × Fail

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 43.4682, 0.4002, 0.3120 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 43.4682, 0.4002, 0.3120

Background



This preview shows how black text looks on a background with the Yxy color 43.4682, 0.4002, 0.3120.



This preview shows how white text looks on a background with the Yxy color 43.4682, 0.4002, 0.3120.

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

43.4682, 0.4002, 0.3120

Protanopia

43.8890, 0.3129, 0.3250

Deuteranopia

43.5320, 0.3504, 0.3432



Tritanopia

43.6395, 0.4041, 0.3174

Trichromacy



Original Color

43.4682, 0.4002, 0.3120



Protanomaly

42.7648, 0.3424, 0.3191



Deuteranomaly

43.1304, 0.3681, 0.3316



Tritanomaly

43.6743, 0.4030, 0.3163

Monochromacy



Original Color

43.4682, 0.4002, 0.3120



Achromatopsia

45.0786, 0.3127, 0.3290



Achromatomaly

43.4919, 0.3421, 0.3216

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.4682, 0.4002, 0.3120 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(248, 147, 163)` looks like.

```
.text, #text, p{  
    color:rgb(248, 147, 163)  
}
```

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(248, 147, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 147, 163) }
```

Border

The CSS property to change the border of an element to Yxy 43.4682, 0.4002, 0.3120 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(248, 147, 163) }
```

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

```
.border{ border-color:rgb(248, 147, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 147, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 147, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 147, 163);  
box-shadow:4px 4px 4px 4px rgb(248, 147,  
163) }
```


Background

The CSS property to change the background color of an element to Yxy 43.4682, 0.4002, 0.3120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 147, 163) }
```

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

```
.background{ background-color: rgb(248,  
147, 163) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor