

Converting Colors

$Yxy(43.2048, 0.4073, 0.3210)$

Have a look what the booklet for
Yxy(43.2048, 0.4073, 0.3210)
contains.

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Color

Yxy(43.3205, 0.4074, 0.3217)

Conversions

Conversions Part 1

Format	Color
Hex	F7949B
RGB	247, 148, 155
RGB Percent	97%, 58%, 61%
CMY	0.0314, 0.4196, 0.3922
CMYK	0.00, 0.40, 0.37, 0.03
HSL	356°, 86%, 77%
HSV	356°, 40%, 97%
XYZ	54.8610, 43.3205, 36.4797
YIQ	178.3990, 56.7570, 23.1650

Conversions

Conversions Part 2

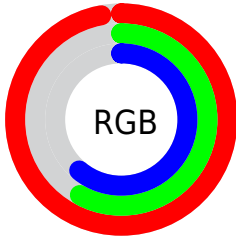
Format	Color
R _Y B	247, 148, 155
Decimal	16225435
CIE Lab	71.77, 37.98, 12.42
CIE LCh	72, 39.958, 18.114
Yxy	43.3205, 0.4074, 0.3217
Android (android.graphics.Color)	4294415515 (0xFFFF7949B)
YUV	178.3990, -11.5357, 60.1631
Hunter-Lab	65.8183, 33.6015, 13.2114

Details

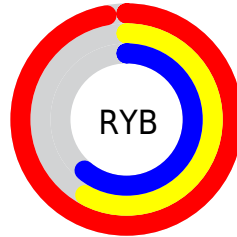
The Yxy color **43.3205, 0.4074, 0.3217** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **79.1032, 0.2607, 0.3369**, and the grayscale version is **44.7846, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.5753, 0.3490, 0.3230**, and **19.8753, 0.4359, 0.3170** is the 20% darker color. If you saturate the color by 10%, you get **35.6833, 0.4455, 0.3202**, and if you desaturate by 10%, it is **52.7615, 0.3757, 0.3235**.

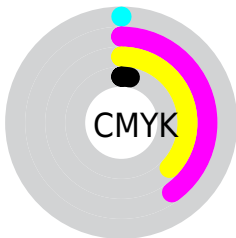
Distribution



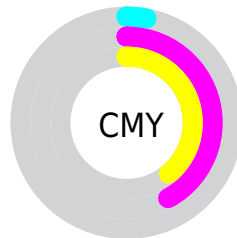
- Red (97%)
- Green (58%)
- Blue (61%)



- Red (97%)
- Yellow (58%)
- Blue (61%)



- Cyan (0%)
- Magenta (40%)
- Yellow (37%)
- Black (3%)





- Cyan (3%)
- Magenta (42%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.3205, 0.4074, 0.3217 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 43.3205, 0.4074, 0.3217 by changing the saturation by 10% instead.

 43.3205, 0.4074,
0.3217


 43.3205, 0.4074,
0.3217


359.9282, 0.3590,
0.3267

 30.1367, 0.4197,
0.3200


 80.1943, 0.3896,
0.3238

 19.9423, 0.4356,
0.3176

 104.6530, 0.3830,
0.3246

 12.3531, 0.4568,
0.3140


133.6388, 0.3775,
0.3251

 6.9847, 0.4865,
0.3081

167.5362, 0.3727,
0.3256

 3.4525, 0.5306,
0.2976

206.7294, 0.3686,
0.3259

 1.3723, 0.6079,
0.2798

251.6028, 0.3650,

 0.1962, 0.8536,

0.3263

0.1464

302.5410, 0.3618,
0.3265

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

43.3205, 0.4074,
0.3217

43.3205, 0.4074,
0.3217

35.6833, 0.4455,
0.3202

52.7615, 0.3757,
0.3235

29.7291, 0.4892,
0.3193

64.1044, 0.3500,
0.3254

25.3326, 0.5357,
0.3195

77.4477, 0.3293,
0.3273

22.3479, 0.5797,
0.3210

92.8812, 0.3128,
0.3290

■ 20.6017, 0.6142,
0.3238

■ 98.5121, 0.3078,
0.3290

■ 19.8139, 0.6344,
0.3269

Harmonies

Analogous

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



43.3205, 0.3593, 0.2815



43.3205, 0.4074, 0.3217



43.3205, 0.4270, 0.3662

Triad

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



43.3205, 0.4074, 0.3217



43.3205, 0.3161, 0.4252



43.3205, 0.2192, 0.2463

Complementary

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



43.3205, 0.4074, 0.3217



79.1032, 0.2607, 0.3369

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.



43.3205, 0.2103, 0.2756



43.3205, 0.4074, 0.3217



43.3205, 0.2629, 0.3838

Square

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



43.3205, 0.4074, 0.3217



43.3205, 0.3710, 0.4315



43.3205, 0.2253, 0.3256



43.3205, 0.2506, 0.2393

Rectangle

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



43.3205, 0.4074, 0.3217



43.3205, 0.4209, 0.3944



43.3205, 0.2253, 0.3256



43.3205, 0.2136, 0.2536

Sweetspot

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



43.3226, 0.4074, 0.3217



80.3083, 0.3330, 0.3269



46.2043, 0.3103, 0.2280



16.7727, 0.3356, 0.3267



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.



43.3226, 0.4074, 0.3217



39.8559, 0.4374, 0.3205



58.4148, 0.3961, 0.3735



16.5015, 0.3283, 0.3274



10.4873, 0.6326, 0.3259



0.9282, 0.6148, 0.3161

Inverse Universe

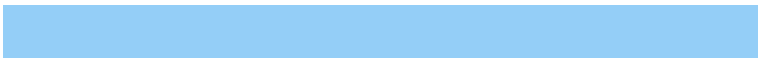
The Inverse Universe completely reimagines the original color for something new.



43.3226, 0.4074, 0.3217



39.8559, 0.4374, 0.3205



57.0337, 0.2496, 0.2791



16.5015, 0.3283, 0.3274



10.4873, 0.6326, 0.3259



0.9282, 0.6148, 0.3161

Previews

White Background



This preview shows how the Yxy color 43.3205, 0.4074, 0.3217 looks on a white background.

Color Contrast Check

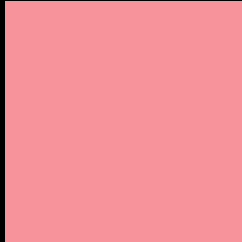
Large Text (above 18pt) WCAG AA × Fail

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 43.3205, 0.4074, 0.3217 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 43.3205, 0.4074, 0.3217

Background



This preview shows how black text looks on a background with the Yxy color 43.3205, 0.4074, 0.3217.



This preview shows how white text looks on a background with the Yxy color 43.3205, 0.4074, 0.3217.

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

43.3205, 0.4074, 0.3217

Protanopia

43.7767, 0.3221, 0.3370

Deuteranopia

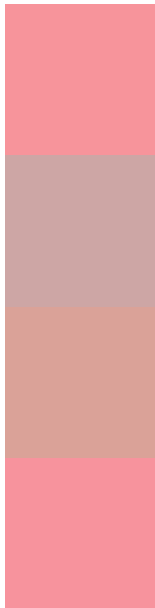
43.5404, 0.3597, 0.3534



Tritanopia

43.1102, 0.4046, 0.3173

Trichromacy



Original Color

43.3205, 0.4074, 0.3217

Protanomaly

42.9682, 0.3506, 0.3304

Deuteranomaly

43.0131, 0.3769, 0.3413

Tritanomaly

43.0759, 0.4057, 0.3184

Monochromacy



Original Color

43.3205, 0.4074, 0.3217

Achromatopsia

44.5201, 0.3127, 0.3290

Achromatomaly

43.2362, 0.3439, 0.3253

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.3205, 0.4074, 0.3217 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(247, 148, 155)` looks like.

```
.text, #text, p{  
    color:rgb(247, 148, 155)  
}
```

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(247, 148, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 148, 155) }
```

Border

The CSS property to change the border of an element to Yxy 43.3205, 0.4074, 0.3217 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(247, 148, 155) }
```

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

```
.border{ border-color:rgb(247, 148, 155) }
```

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

Here you see how a box with a 4 pixel rgb(247, 148, 155) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 148, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 148, 155);  
box-shadow:4px 4px 4px 4px rgb(247, 148,  
155) }
```


Background

The CSS property to change the background color of an element to Yxy 43.3205, 0.4074, 0.3217 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 148, 155) }
```

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

```
.background{ background-color: rgb(247,  
148, 155) }
```

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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