

Converting Colors

$Y_{xy}(43.1025, 0.4208, 0.3200)$

Have a look what the booklet for
Yxy(43.1025, 0.4208, 0.3200)
contains.

Yxy(43.1719, 0.4204, 0.3199)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(43.1719, 0.4204, 0.3199)

Conversions

Conversions Part 1

Format	Color
Hex	FF8F98
RGB	255, 143, 152
RGB Percent	100%, 56%, 60%
CMY	0.0000, 0.4392, 0.4039
CMYK	0.00, 0.44, 0.40, 0.00
HSL	355°, 100%, 78%
HSV	355°, 44%, 100%
XYZ	56.7348, 43.1719, 35.0476
YIQ	177.5140, 63.8630, 26.5430

Conversions

Conversions Part 2

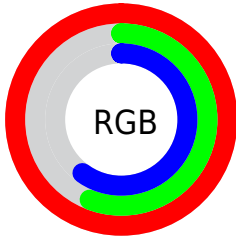
Format	Color
R _Y B	255, 143, 152
Decimal	16748440
CIE Lab	71.67, 43.10, 14.09
CIE LCh	72, 45.343, 18.106
Yxy	43.1719, 0.4204, 0.3199
Android (android.graphics.Color)	4294938520 (0xFFFF8F98)
YUV	177.5140, -12.5784, 67.9552
Hunter-Lab	65.7053, 39.1457, 14.3681

Details

The Yxy color **43.1719, 0.4204, 0.3199** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **84.0129, 0.2572, 0.3391**, and the grayscale version is **44.2909, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.1044, 0.3523, 0.3209**, and **19.8540, 0.4525, 0.3151** is the 20% darker color. If you saturate the color by 10%, you get **35.6714, 0.4605, 0.3184**, and if you desaturate by 10%, it is **52.5615, 0.3865, 0.3219**.

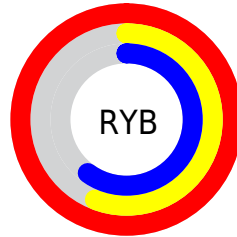
Distribution



Red (100%)

Green (56%)

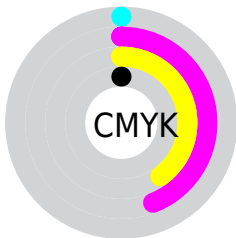
Blue (60%)



Red (100%)

Yellow (56%)

Blue (60%)

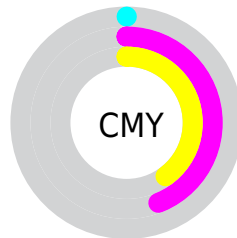


Cyan (0%)

Magenta (44%)

Yellow (40%)

Black (0%)



Cyan (0%)


Magenta (44%)


Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.1719, 0.4204, 0.3199 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 43.1719, 0.4204, 0.3199 by changing the saturation by 10% instead.


 43.1719, 0.4204,
0.3199

 43.1719, 0.4204,
0.3199


359.3182, 0.3654,
0.3262

 30.0200, 0.4343,
0.3178


 79.9702, 0.4002,
0.3226

 19.8538, 0.4523,
0.3147


 104.3854, 0.3927,
0.3235

 12.2888, 0.4763,
0.3102


133.3238, 0.3864,
0.3242

 6.9407, 0.5096,
0.3028

167.1699, 0.3809,
0.3248

 3.4250, 0.5585,
0.2900

206.3080, 0.3763,
0.3252

 1.3574, 0.6466,
0.2696

251.1224, 0.3722,

 0.1850, 0.8746,

0.3256

0.1254

301.9977, 0.3686,
0.3259

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

43.1719, 0.4204,
0.3199

43.1719, 0.4204,
0.3199

35.6714, 0.4605,
0.3184

52.5615, 0.3865,
0.3219

29.9355, 0.5054,
0.3177

63.9606, 0.3589,
0.3241

25.8185, 0.5516,
0.3184

77.4748, 0.3366,
0.3262

23.1531, 0.5928,
0.3207

93.2038, 0.3187,
0.3282

■ 21.7357, 0.6225,
0.3243

100.0000, 0.3127,
0.3290

■ 21.3123, 0.6335,
0.3264

Harmonies

Analogous

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



43.1719, 0.3654, 0.2755



43.1719, 0.4204, 0.3199



43.1719, 0.4423, 0.3693

Triad

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



43.1719, 0.4204, 0.3199



43.1719, 0.3156, 0.4396



43.1719, 0.2080, 0.2359

Complementary

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



43.1719, 0.4204, 0.3199



84.0129, 0.2572, 0.3391

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.



43.1719, 0.1982, 0.2679



43.1719, 0.4204, 0.3199



43.1719, 0.2560, 0.3918

Square

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



43.1719, 0.4204, 0.3199



43.1719, 0.3776, 0.4453



43.1719, 0.2143, 0.3243



43.1719, 0.2427, 0.2287

Rectangle

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



43.1719, 0.4204, 0.3199



43.1719, 0.4347, 0.4011



43.1719, 0.2143, 0.3243



43.1719, 0.2019, 0.2437

Sweetspot

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



43.1706, 0.4204, 0.3199



78.8327, 0.3347, 0.3264



46.3962, 0.3098, 0.2186



16.1853, 0.3392, 0.3259



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.



43.1706, 0.4204, 0.3199



36.2878, 0.4565, 0.3185



59.9247, 0.4069, 0.3778



18.0108, 0.3282, 0.3271



11.1444, 0.6316, 0.3253



1.0929, 0.6136, 0.3154

Inverse Universe

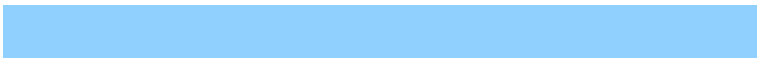
The Inverse Universe completely reimagines the original color for something new.



43.1706, 0.4204, 0.3199



36.2878, 0.4565, 0.3185



58.3329, 0.2437, 0.2733



18.0108, 0.3282, 0.3271



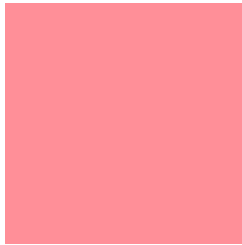
11.1444, 0.6316, 0.3253



1.0929, 0.6136, 0.3154

Previews

White Background



This preview shows how the Yxy color 43.1719, 0.4204, 0.3199 looks on a white background.

Color Contrast Check

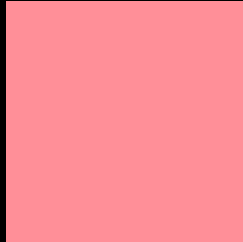
Large Text (above 18pt) WCAG AA × Fail

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 43.1719, 0.4204, 0.3199 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 43.1719, 0.4204, 0.3199

Background



This preview shows how black text looks on a background with the Yxy color 43.1719, 0.4204, 0.3199.



This preview shows how white text looks on a background with the Yxy color 43.1719, 0.4204, 0.3199.

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

43.1719, 0.4204, 0.3199

Protanopia

43.3483, 0.3231, 0.3371

Deuteranopia

43.1790, 0.3647, 0.3572



Tritanopia

43.2048, 0.4193, 0.3189

Trichromacy



Original Color

43.1719, 0.4204, 0.3199



Protanomaly

42.2486, 0.3562, 0.3291



Deuteranomaly

42.8411, 0.3846, 0.3424



Tritanomaly

43.2048, 0.4193, 0.3189

Monochromacy



Original Color

43.1719, 0.4204, 0.3199



Achromatopsia

44.5201, 0.3127, 0.3290



Achromatomaly

42.8967, 0.3481, 0.3241

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.1719, 0.4204, 0.3199 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, 152)` looks like.

```
.text, #text, p{  
    color:rgb(255, 143, 152)  
}
```

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, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 143, 152) }
```

Border

The CSS property to change the border of an element to Yxy 43.1719, 0.4204, 0.3199 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, 152) }
```

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

```
.border{ border-color:rgb(255, 143, 152) }
```

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, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 143, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 143, 152);  
box-shadow:4px 4px 4px 4px rgb(255, 143,  
152) }
```


Background

The CSS property to change the background color of an element to Yxy 43.1719, 0.4204, 0.3199 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, 152) }
```

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

```
.background{ background-color: rgb(255,  
143, 152) }
```

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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