

Converting Colors

Yxy(51.9685, 0.4559, 0.3202)

Have a look what the booklet for
Yxy(51.9685, 0.4559, 0.3202)
contains.

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Color

Yxy(43.2048, 0.4193, 0.3189)

Conversions

Conversions Part 1

Format	Color
Hex	FF8F99
RGB	255, 143, 153
RGB Percent	100%, 56%, 60%
CMY	0.0000, 0.4391, 0.4001
CMYK	0.00, 0.44, 0.40, 0.00
HSL	355°, 100%, 78%
HSV	355°, 44%, 100%
XYZ	56.8071, 43.2048, 35.4689
YIQ	177.6280, 63.5420, 26.8540

Conversions

Conversions Part 2

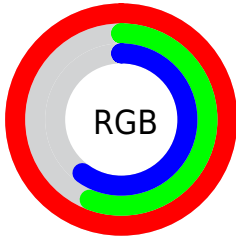
Format	Color
RYB	255, 143, 153
Decimal	16748441
CIELab	71.69, 43.18, 13.58
CIELCh	72, 45.266, 17.462
Yxy	43.2048, 0.4193, 0.3189
Android (android.graphics.Color)	4294938521 (0xFFFF8F99)
YUV	177.6280, -12.1416, 67.8552
Hunter-Lab	65.7304, 39.2394, 14.0177

Details

The Yxy color **43.2048, 0.4193, 0.3189** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **83.9487, 0.2576, 0.3402**, and the grayscale version is **44.3554, 0.3127, 0.3290**.

A 20% lighter version of the original color is **66.1532, 0.3515, 0.3199**, and **19.8737, 0.4509, 0.3138** is the 20% darker color. If you saturate the color by 10%, you get **35.7063, 0.4590, 0.3172**, and if you desaturate by 10%, it is **52.5968, 0.3858, 0.3211**.

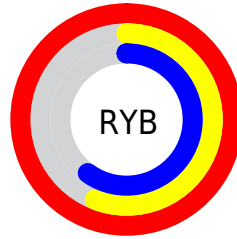
Distribution



Red (100%)

Green (56%)

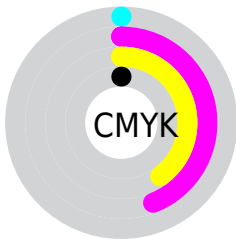
Blue (60%)



Red (100%)

Yellow (56%)

Blue (60%)

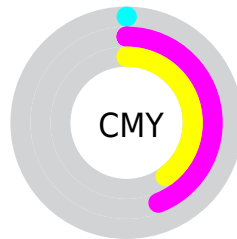


Cyan (0%)

Magenta (44%)

Yellow (40%)

Black (0%)



Cyan (0%)


Magenta (44%)


Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.2048, 0.4193, 0.3189 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 43.2048, 0.4193, 0.3189 by changing the saturation by 10% instead.

 43.2048, 0.4193,
0.3189

 43.2048, 0.4193,
0.3189


359.4533, 0.3649,
0.3256

 30.0458, 0.4331,
0.3167


 80.0198, 0.3993,
0.3217

 19.8734, 0.4509,
0.3136


 104.4447, 0.3919,
0.3227

 12.3030, 0.4746,
0.3089


133.3936, 0.3856,
0.3235

 6.9504, 0.5076,
0.3014

167.2510, 0.3803,
0.3241

 3.4311, 0.5561,
0.2885

206.4013, 0.3756,
0.3246

 1.3607, 0.6421,
0.2675

251.2288, 0.3716,

 0.1875, 0.8736,

0.3250

0.1264

302.1181, 0.3680,
0.3253

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

43.2048, 0.4193,
0.3189

43.2048, 0.4193,
0.3189

35.7063, 0.4590,
0.3172

52.5968, 0.3858,
0.3211

29.9667, 0.5036,
0.3164

63.9920, 0.3584,
0.3235

25.8442, 0.5495,
0.3171

77.4994, 0.3363,
0.3259

23.1719, 0.5909,
0.3196

93.2182, 0.3186,
0.3282

■ 21.7468, 0.6210,
0.3235

99.9978, 0.3127,
0.3290

■ 21.3184, 0.6325,
0.3258

Harmonies

Analogous

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



43.2048, 0.3639, 0.2748



43.2048, 0.4193, 0.3189



43.2048, 0.4420, 0.3682

Triad

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



43.2048, 0.4193, 0.3189



43.2048, 0.3170, 0.4400



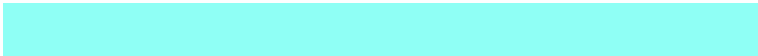
43.2048, 0.2077, 0.2365

Complementary

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



43.2048, 0.4193, 0.3189



83.9487, 0.2576, 0.3402

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.



43.2048, 0.1984, 0.2690



43.2048, 0.4193, 0.3189



43.2048, 0.2572, 0.3930

Square

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



43.2048, 0.4193, 0.3189



43.2048, 0.3787, 0.4447



43.2048, 0.2152, 0.3257



43.2048, 0.2418, 0.2288

Rectangle

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



43.2048, 0.4193, 0.3189



43.2048, 0.4350, 0.4000



43.2048, 0.2152, 0.3257



43.2048, 0.2018, 0.2445

Sweetspot

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



43.2070, 0.4193, 0.3189



78.8480, 0.3345, 0.3261



46.0653, 0.3082, 0.2181



16.1890, 0.3389, 0.3256



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.



43.2070, 0.4193, 0.3189



36.3191, 0.4551, 0.3173



59.1252, 0.4078, 0.3759



18.0133, 0.3280, 0.3269



11.1493, 0.6305, 0.3247



1.0940, 0.6110, 0.3139

Inverse Universe

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



43.2070, 0.4193, 0.3189



36.3191, 0.4551, 0.3173



59.2526, 0.2441, 0.2756



18.0133, 0.3280, 0.3269



11.1493, 0.6305, 0.3247



1.0940, 0.6110, 0.3139

Previews

White Background



This preview shows how the Yxy color 43.2048, 0.4193, 0.3189 looks on a white background.

Color Contrast Check

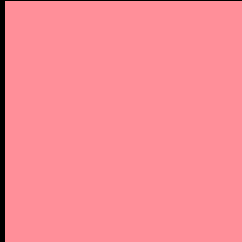
Large Text (above 18pt) WCAG AA × Fail

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 43.2048, 0.4193, 0.3189 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

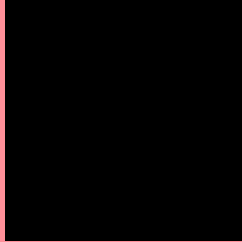
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.2048, 0.4193, 0.3189

Background



This preview shows how black text looks on a background with the Yxy color 43.2048, 0.4193, 0.3189.



This preview shows how white text looks on a background with the Yxy color 43.2048, 0.4193, 0.3189.

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

43.2048, 0.4193, 0.3189

Protanopia

43.3860, 0.3222, 0.3357

Deuteranopia

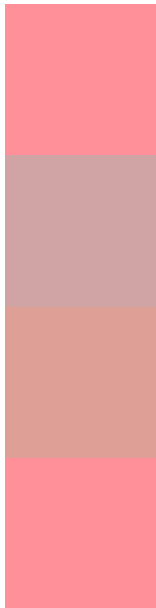
43.2106, 0.3638, 0.3559



Tritanopia

43.2048, 0.4193, 0.3189

Trichromacy



Original Color

43.2048, 0.4193, 0.3189

Protanomaly

42.2846, 0.3552, 0.3279

Deuteranomaly

42.8732, 0.3836, 0.3412

Tritanomaly

43.2048, 0.4193, 0.3189

Monochromacy



Original Color

43.2048, 0.4193, 0.3189

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 43.2048, 0.4193, 0.3189 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, 153)` looks like.

```
.text, #text, p{  
    color:rgb(255, 143, 153)  
}
```

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, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 143, 153) }
```

Border

The CSS property to change the border of an element to Yxy 43.2048, 0.4193, 0.3189 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, 153) }
```

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

```
.border{ border-color:rgb(255, 143, 153) }
```

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, 153) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 143, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 143, 153);  
box-shadow:4px 4px 4px 4px rgb(255, 143,  
153) }
```


Background

The CSS property to change the background color of an element to Yxy 43.2048, 0.4193, 0.3189 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, 153) }
```

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

```
.background{ background-color: rgb(255,  
143, 153) }
```

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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