

Converting Colors

Yxy(43.3464, 0.3792, 0.3004)

Have a look what the booklet for
Yxy(43.3464, 0.3792, 0.3004)
contains.

Yxy(43.2908, 0.3801, 0.3005)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(43.2908, 0.3801, 0.3005)

Conversions

Conversions Part 1

Format	Color
Hex	F195AF
RGB	241, 149, 175
RGB Percent	95%, 58%, 69%
CMY	0.0549, 0.4156, 0.3138
CMYK	0.00, 0.38, 0.27, 0.05
HSL	343°, 77%, 76%
HSV	343°, 38%, 95%
XYZ	54.7582, 43.2908, 46.0136
YIQ	179.4720, 46.4860, 27.5900

Conversions

Conversions Part 2

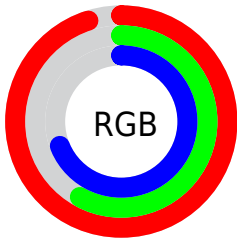
Format	Color
R _Y B	241, 149, 175
Decimal	15832495
CIE Lab	71.75, 37.80, 1.21
CIE LCh	72, 37.823, 1.835
Yxy	43.2908, 0.3801, 0.3005
Android (android.graphics.Color)	4294022575 (0xFFFF195AF)
YUV	179.4720, -2.2047, 53.9601
Hunter-Lab	65.7957, 33.4132, 4.5932

Details

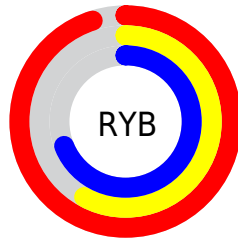
The Yxy color **43.2908, 0.3801, 0.3005** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **74.2079, 0.2724, 0.3602**, and the grayscale version is **45.3385, 0.3127, 0.3290**.

A 20% lighter version of the original color is **70.1589, 0.3329, 0.3029**, and **19.8631, 0.3996, 0.2909** is the 20% darker color. If you saturate the color by 10%, you get **35.8026, 0.4076, 0.2934**, and if you desaturate by 10%, it is **52.4479, 0.3572, 0.3082**.

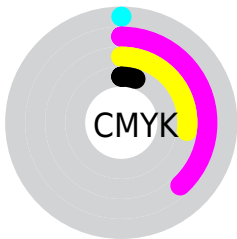
Distribution



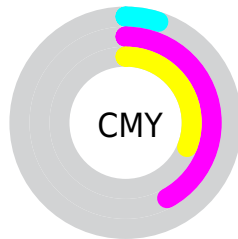
- Red (95%)
- Green (58%)
- Blue (69%)



- Red (95%)
- Yellow (58%)
- Blue (69%)



- Cyan (0%)
- Magenta (38%)
- Yellow (27%)
- Black (5%)





- Cyan (5%)
- Magenta (42%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.2908, 0.3801, 0.3005 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 43.2908, 0.3801, 0.3005 by changing the saturation by 10% instead.

 43.2908, 0.3801,
0.3005


 43.2908, 0.3801,
0.3005

359.8063, 0.3460,
0.3150

 30.1133, 0.3887,
0.2968


 80.1495, 0.3676,
0.3058

 19.9246, 0.3999,
0.2920

 104.5995, 0.3630,
0.3078

 12.3403, 0.4148,
0.2855

133.5759, 0.3590,
0.3095

 6.9759, 0.4357,
0.2764

167.4630, 0.3557,
0.3109

 3.4470, 0.4671,
0.2626

206.6452, 0.3527,
0.3122

 1.3693, 0.5189,
0.2395

251.5069, 0.3502,

 0.1939, 0.7800,

0.3133

0.1332

302.4324, 0.3480,
0.3142

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

43.2908, 0.3801,
0.3005

43.2908, 0.3801,
0.3005

35.8026, 0.4076,
0.2934

52.4479, 0.3572,
0.3082

29.8758, 0.4397,
0.2876

63.3603, 0.3384,
0.3159

25.4000, 0.4757,
0.2844

76.1160, 0.3231,
0.3233

22.2475, 0.5135,
0.2848

90.7953, 0.3106,
0.3302

■ 20.2680, 0.5500,
0.2896

■ 97.4404, 0.3041,
0.3290

■ 19.2535, 0.5813,
0.2987

■ 19.1180, 0.5865,
0.3004

Harmonies

Analogous

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



43.2908, 0.3269, 0.2669



43.2908, 0.3801, 0.3005



43.2908, 0.4148, 0.3417

Triad

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



43.2908, 0.3801, 0.3005



43.2908, 0.3453, 0.4274



43.2908, 0.2163, 0.2631

Complementary

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



43.2908, 0.3801, 0.3005



74.2079, 0.2724, 0.3602

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.



43.2908, 0.2202, 0.3024



43.2908, 0.3801, 0.3005



43.2908, 0.2920, 0.4052

Square

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



43.2908, 0.3801, 0.3005



43.2908, 0.3921, 0.4165



43.2908, 0.2468, 0.3561



43.2908, 0.2349, 0.2448

Rectangle

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



43.2908, 0.3801, 0.3005



43.2908, 0.4210, 0.3700



43.2908, 0.2468, 0.3561



43.2908, 0.2150, 0.2740

Sweetspot

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



43.2929, 0.3801, 0.3005



82.1613, 0.3271, 0.3212



42.2863, 0.2946, 0.2281



17.1548, 0.3291, 0.3202



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.



43.2929, 0.3801, 0.3005



42.2839, 0.4016, 0.2947



49.2248, 0.3988, 0.3514



15.8322, 0.3249, 0.3224



10.3873, 0.5823, 0.2982



0.8806, 0.5450, 0.2776

Inverse Universe

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



43.2929, 0.3801, 0.3005



42.2839, 0.4016, 0.2947



64.4898, 0.2561, 0.3050



15.8322, 0.3249, 0.3224



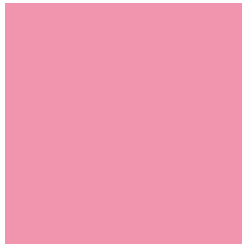
10.3873, 0.5823, 0.2982



0.8806, 0.5450, 0.2776

Previews

White Background



This preview shows how the Yxy color 43.2908, 0.3801, 0.3005 looks on a white background.

Color Contrast Check

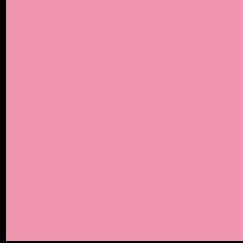
Large Text (above 18pt) WCAG AA × Fail

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 43.2908, 0.3801, 0.3005 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 43.2908, 0.3801, 0.3005

Background



This preview shows how black text looks on a background with the Yxy color 43.2908, 0.3801, 0.3005.



This preview shows how white text looks on a background with the Yxy color 43.2908, 0.3801, 0.3005.

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

43.2908, 0.3801, 0.3005

Protanopia

43.4916, 0.3007, 0.3092

Deuteranopia

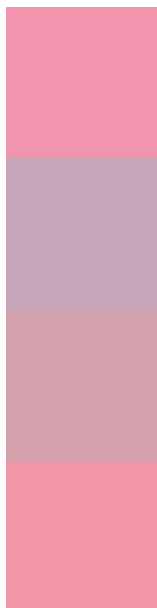
43.2918, 0.3349, 0.3278



Tritanopia

43.2671, 0.3921, 0.3170

Trichromacy



Original Color

43.2908, 0.3801, 0.3005

Protanomaly

42.9173, 0.3267, 0.3052

Deuteranomaly

42.8163, 0.3517, 0.3169

Tritanomaly

43.1280, 0.3872, 0.3103

Monochromacy



Original Color

43.2908, 0.3801, 0.3005

Achromatopsia

45.0786, 0.3127, 0.3290

Achromatomaly

43.7762, 0.3355, 0.3165

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.2908, 0.3801, 0.3005 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(241, 149, 175)` looks like.

```
.text, #text, p{  
    color:rgb(241, 149, 175)  
}
```

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(241, 149, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(241, 149, 175) }
```

Border

The CSS property to change the border of an element to Yxy 43.2908, 0.3801, 0.3005 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(241, 149, 175) }
```

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

```
.border{ border-color:rgb(241, 149, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(241, 149, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(241, 149, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(241, 149, 175);  
box-shadow:4px 4px 4px 4px rgb(241, 149,  
175) }
```


Background

The CSS property to change the background color of an element to Yxy 43.2908, 0.3801, 0.3005 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(241, 149, 175) }
```

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

```
.background{ background-color: rgb(241,  
149, 175) }
```

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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