

Converting Colors

$Y_{xy}(42.9436, 0.3731, 0.2945)$

Have a look what the booklet for
Yxy(42.9436, 0.3731, 0.2945)
contains.

Yxy(43.1409, 0.3729, 0.2948)	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(43.1409, 0.3729, 0.2948)

Conversions

Conversions Part 1

Format	Color
Hex	EF95B4
RGB	239, 149, 180
RGB Percent	94%, 58%, 71%
CMY	0.0629, 0.4156, 0.2941
CMYK	0.00, 0.38, 0.25, 0.06
HSL	339°, 74%, 76%
HSV	339°, 38%, 94%
XYZ	54.5700, 43.1409, 48.6286
YIQ	179.4440, 43.6890, 28.7210

Conversions

Conversions Part 2

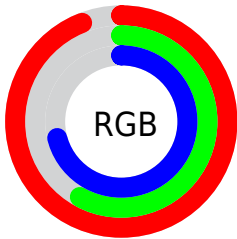
Format	Color
R _Y B	239, 149, 180
Decimal	15701428
CIE Lab	71.65, 37.76, -1.75
CIE LCh	72, 37.805, 357.339
Yxy	43.1409, 0.3729, 0.2948
Android (android.graphics.Color)	4293891508 (0xFFEF95B4)
YUV	179.4440, 0.2741, 52.2306
Hunter-Lab	65.6817, 33.3592, 2.0808

Details

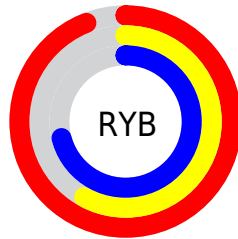
The Yxy color **43.1409, 0.3729, 0.2948** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **72.6516, 0.2758, 0.3667**, and the grayscale version is **45.3115, 0.3127, 0.3290**.

A 20% lighter version of the original color is **70.5019, 0.3285, 0.2971**, and **19.7218, 0.3909, 0.2848** is the 20% darker color. If you saturate the color by 10%, you get **35.7369, 0.3974, 0.2860**, and if you desaturate by 10%, it is **52.1723, 0.3524, 0.3042**.

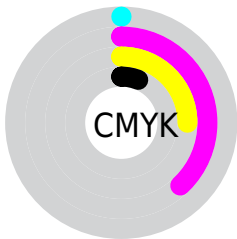
Distribution



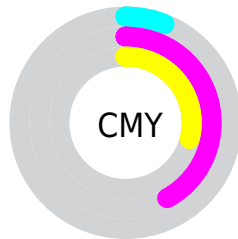
- Red (94%)
- Green (58%)
- Blue (71%)



- Red (94%)
- Yellow (58%)
- Blue (71%)



- Cyan (0%)
- Magenta (38%)
- Yellow (25%)
- Black (6%)




- Cyan (6%)
- Magenta (42%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.1409, 0.3729, 0.2948 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 43.1409, 0.3729, 0.2948 by changing the saturation by 10% instead.


 43.1409, 0.3729,
0.2948


 43.1409, 0.3729,
0.2948


359.1909, 0.3425,
0.3119

 29.9957, 0.3805,
0.2905


 79.9234, 0.3618,
0.3010

 19.8353, 0.3904,
0.2850


 104.3296, 0.3577,
0.3034

 12.2754, 0.4036,
0.2777


133.2581, 0.3542,
0.3053

 6.9315, 0.4220,
0.2676

167.0934, 0.3512,
0.3070

 3.4193, 0.4496,
0.2525

206.2200, 0.3486,
0.3085

 1.3544, 0.4951,
0.2281

251.0222, 0.3463,

 0.1827, 0.6899,

0.3098

0.1124

301.8843, 0.3443,
0.3109

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

43.1409, 0.3729,
0.2948

43.1409, 0.3729,
0.2948

35.7369, 0.3974,
0.2860

52.1723, 0.3524,
0.3042

29.8562, 0.4260,
0.2786

62.9146, 0.3354,
0.3135

25.3923, 0.4582,
0.2738

75.4529, 0.3216,
0.3225

22.2222, 0.4925,
0.2729

89.8648, 0.3102,
0.3309

■ 20.2014, 0.5264,
0.2768

■ 97.0825, 0.3029,
0.3290

■ 19.1372, 0.5571,
0.2857

■ 18.9560, 0.5639,
0.2880

Harmonies

Analogous

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



43.1409, 0.3185, 0.2629



43.1409, 0.3729, 0.2948



43.1409, 0.4115, 0.3353

Triad

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



43.1409, 0.3729, 0.2948



43.1409, 0.3531, 0.4278



43.1409, 0.2154, 0.2676

Complementary

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



43.1409, 0.3729, 0.2948



72.6516, 0.2758, 0.3667

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.



43.1409, 0.2227, 0.3098



43.1409, 0.3729, 0.2948



43.1409, 0.2998, 0.4107

Square

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



43.1409, 0.3729, 0.2948



43.1409, 0.3977, 0.4127



43.1409, 0.2525, 0.3644



43.1409, 0.2307, 0.2461

Rectangle

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



43.1409, 0.3729, 0.2948



43.1409, 0.4210, 0.3638



43.1409, 0.2525, 0.3644



43.1409, 0.2152, 0.2796

Sweetspot

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



43.1430, 0.3729, 0.2948



82.2624, 0.3260, 0.3195



41.0693, 0.2899, 0.2281



17.1788, 0.3278, 0.3183



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.



43.1430, 0.3729, 0.2948



43.3750, 0.3910, 0.2881



46.5380, 0.3997, 0.3444



15.8487, 0.3239, 0.3209



10.5024, 0.5598, 0.2857



0.8917, 0.5231, 0.2655

Inverse Universe

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



43.1430, 0.3729, 0.2948



43.3750, 0.3910, 0.2881



66.7240, 0.2579, 0.3127



15.8487, 0.3239, 0.3209



10.5024, 0.5598, 0.2857



0.8917, 0.5231, 0.2655

Previews

White Background



This preview shows how the Yxy color 43.1409, 0.3729, 0.2948 looks on a white background.

Color Contrast Check

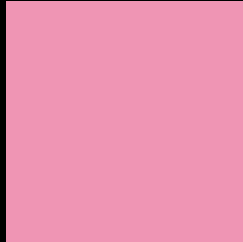
Large Text (above 18pt) WCAG AA × Fail

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 43.1409, 0.3729, 0.2948 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 43.1409, 0.3729, 0.2948

Background



This preview shows how black text looks on a background with the Yxy color 43.1409, 0.3729, 0.2948.



This preview shows how white text looks on a background with the Yxy color 43.1409, 0.3729, 0.2948.

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

43.1409, 0.3729, 0.2948

Protanopia

43.5297, 0.2944, 0.3014

Deuteranopia

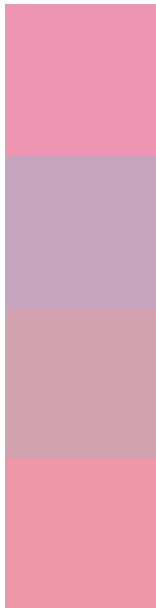
43.2215, 0.3286, 0.3213



Tritanopia

43.1053, 0.3878, 0.3168

Trichromacy



Original Color

43.1409, 0.3729, 0.2948

Protanomaly

42.8605, 0.3205, 0.2989

Deuteranomaly

42.7166, 0.3450, 0.3107

Tritanomaly

43.1749, 0.3828, 0.3090

Monochromacy



Original Color

43.1409, 0.3729, 0.2948

Achromatopsia

45.0786, 0.3127, 0.3290

Achromatomaly

43.6774, 0.3337, 0.3153

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.1409, 0.3729, 0.2948 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(239, 149, 180)` looks like.

```
.text, #text, p{  
    color:rgb(239, 149, 180)  
}
```

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(239, 149, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 149, 180) }
```

Border

The CSS property to change the border of an element to Yxy 43.1409, 0.3729, 0.2948 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(239, 149, 180) }
```

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

```
.border{ border-color:rgb(239, 149, 180) }
```

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

Here you see how a box with a 4 pixel rgb(239, 149, 180) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 149, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 149, 180);  
box-shadow:4px 4px 4px 4px rgb(239, 149,  
180) }
```


Background

The CSS property to change the background color of an element to Yxy 43.1409, 0.3729, 0.2948 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 149, 180) }
```

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

```
.background{ background-color: rgb(239,  
149, 180) }
```

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