

Converting Colors

$Y_{xy}(43.0794, 0.3570, 0.2783)$

Have a look what the booklet for
Yxy(43.0794, 0.3570, 0.2783)
contains.

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Color

Yxy(43.0794, 0.3570, 0.2783)

Conversions

Conversions Part 1

Format	Color
Hex	ED94C2
RGB	237, 148, 194
RGB Percent	93%, 58%, 76%
CMY	0.0705, 0.4197, 0.2391
CMYK	0.00, 0.38, 0.18, 0.07
HSL	329°, 71%, 75%
HSV	329°, 38%, 93%
XYZ	55.2618, 43.0794, 56.4537
YIQ	179.8550, 38.2780, 33.1740

Conversions

Conversions Part 2

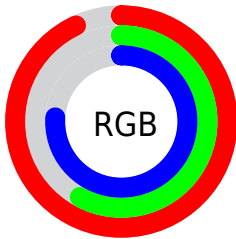
Format	Color
R _Y B	237, 148, 194
Decimal	15570114
CIE Lab	71.61, 39.69, -9.62
CIE LCh	72, 40.842, 346.373
Yxy	43.0794, 0.3570, 0.2783
Android (android.graphics.Color)	4293760194 (0xFFED94C2)
YUV	179.8550, 6.9735, 50.1162
Hunter-Lab	65.6349, 35.4282, -5.0519

Details

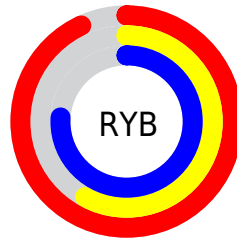
The Yxy color **43.0794, 0.3570, 0.2783** is a light color, and the websafe version is hex **FF99CC**. A complement of this color would be **70.6419, 0.2841, 0.3866**, and the grayscale version is **45.5078, 0.3127, 0.3290**.

A 20% lighter version of the original color is **70.8740, 0.3186, 0.2828**, and **19.7812, 0.3706, 0.2652** is the 20% darker color. If you saturate the color by 10%, you get **35.8974, 0.3743, 0.2651**, and if you desaturate by 10%, it is **51.8274, 0.3422, 0.2922**.

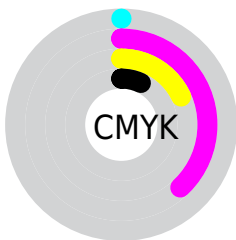
Distribution



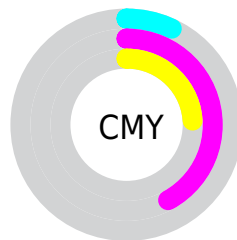
- Red (93%)
- Green (58%)
- Blue (76%)



- Red (93%)
- Yellow (58%)
- Blue (76%)



- Cyan (0%)
- Magenta (38%)
- Yellow (18%)
- Black (7%)




- Cyan (7%)
- Magenta (42%)
- Yellow (24%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 43.0794, 0.3570, 0.2783 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 43.0794, 0.3570, 0.2783 by changing the saturation by 10% instead.


 43.0794, 0.3570,
0.2783


 43.0794, 0.3570,
0.2783


358.9382, 0.3351,
0.3030

 29.9474, 0.3624,
0.2724


 79.8307, 0.3491,
0.2871

 19.7987, 0.3693,
0.2649


 104.2187, 0.3461,
0.2904

 12.2488, 0.3783,
0.2551


133.1276, 0.3436,
0.2933

 6.9133, 0.3908,
0.2419

166.9417, 0.3414,
0.2958

 3.4080, 0.4090,
0.2231

206.0455, 0.3395,
0.2979

 1.3482, 0.4380,
0.1943

250.8232, 0.3379,

 0.1781, 0.5292,

0.2998

0.0803

301.6593, 0.3364,
0.3015

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

43.0794, 0.3570,
0.2783

43.0794, 0.3570,
0.2783

35.8974, 0.3743,
0.2651

51.8274, 0.3422,
0.2922

30.1809, 0.3941,
0.2535

62.2218, 0.3298,
0.3060

25.8271, 0.4161,
0.2448

74.3447, 0.3194,
0.3194

22.7172, 0.4395,
0.2401

88.2710, 0.3108,
0.3320

■ 20.7115, 0.4634,
0.2406

■ 96.5115, 0.3038,
0.3326

■ 19.6241, 0.4864,
0.2465

■ 96.7497, 0.3018,
0.3290

■ 19.4284, 0.4920,
0.2484

Harmonies

Analogous

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



43.0794, 0.2971, 0.2493



43.0794, 0.3570, 0.2783



43.0794, 0.4075, 0.3188

Triad

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



43.0794, 0.3570, 0.2783



43.0794, 0.3752, 0.4332



43.0794, 0.2084, 0.2767

Complementary

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



43.0794, 0.3570, 0.2783



70.6419, 0.2841, 0.3866

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.



43.0794, 0.2250, 0.3288



43.0794, 0.3570, 0.2783



43.0794, 0.3194, 0.4291

Square

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



43.0794, 0.3570, 0.2783



43.0794, 0.4164, 0.4063



43.0794, 0.2645, 0.3884



43.0794, 0.2160, 0.2456

Rectangle

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



43.0794, 0.3570, 0.2783



43.0794, 0.4261, 0.3490



43.0794, 0.2645, 0.3884



43.0794, 0.2112, 0.2920

Sweetspot

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



43.0814, 0.3570, 0.2783



82.5487, 0.3228, 0.3148



38.1799, 0.2761, 0.2243



17.2468, 0.3242, 0.3130



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.



43.0814, 0.3570, 0.2783



44.2396, 0.3699, 0.2682



41.4183, 0.4021, 0.3259



15.1841, 0.3212, 0.3169



10.6308, 0.4884, 0.2464



0.8542, 0.4589, 0.2302

Inverse Universe

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



43.0814, 0.3570, 0.2783



44.2396, 0.3699, 0.2682



72.8246, 0.2618, 0.3324



15.1841, 0.3212, 0.3169



10.6308, 0.4884, 0.2464



0.8542, 0.4589, 0.2302

Previews

White Background



This preview shows how the Yxy color 43.0794, 0.3570, 0.2783 looks on a white background.

Color Contrast Check

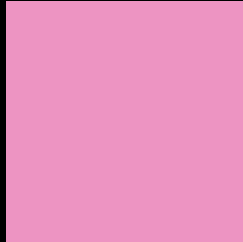
Large Text (above 18pt) WCAG AA × Fail

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 43.0794, 0.3570, 0.2783 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

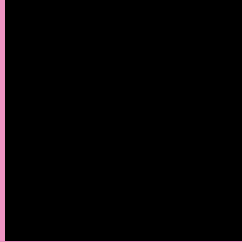
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.0794, 0.3570, 0.2783

Background



This preview shows how black text looks on a background with the Yxy color 43.0794, 0.3570, 0.2783.



This preview shows how white text looks on a background with the Yxy color 43.0794, 0.3570, 0.2783.

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

43.0794, 0.3570, 0.2783

Protanopia

43.3001, 0.2794, 0.2811

Deuteranopia

43.2826, 0.3103, 0.3045



Tritanopia

42.9915, 0.3825, 0.3155

Trichromacy



Original Color

43.0794, 0.3570, 0.2783



Protanomaly

42.6555, 0.3044, 0.2794



Deuteranomaly

42.9351, 0.3273, 0.2947



Tritanomaly

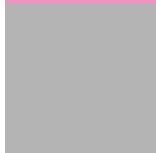
42.9300, 0.3727, 0.3009

Monochromacy



Original Color

43.0794, 0.3570, 0.2783



Achromatopsia

45.6411, 0.3127, 0.3290



Achromatomaly

43.9256, 0.3283, 0.3079

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.0794, 0.3570, 0.2783 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(237, 148, 194)` looks like.

```
.text, #text, p{  
    color:rgb(237, 148, 194)  
}
```

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(237, 148, 194) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 148, 194) }
```

Border

The CSS property to change the border of an element to Yxy 43.0794, 0.3570, 0.2783 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(237, 148, 194) }
```

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

```
.border{ border-color:rgb(237, 148, 194) }
```

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

Here you see how a box with a 4 pixel `rgb(237, 148, 194)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 148, 194); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 148, 194);  
box-shadow:4px 4px 4px 4px rgb(237, 148,  
194) }
```


Background

The CSS property to change the background color of an element to Yxy 43.0794, 0.3570, 0.2783 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 148, 194) }
```

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

```
.background{ background-color: rgb(237,  
148, 194) }
```

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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