

Converting Colors

$Yxy(43.1693, 0.3682, 0.2945)$

Have a look what the booklet for
Yxy(43.1693, 0.3682, 0.2945)
contains.

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Color

Yxy(43.3023, 0.3685, 0.2955)

Conversions

Conversions Part 1

Format	Color
Hex	EC97B5
RGB	236, 151, 181
RGB Percent	93%, 59%, 71%
CMY	0.0745, 0.4078, 0.2901
CMYK	0.00, 0.36, 0.23, 0.07
HSL	339°, 69%, 76%
HSV	339°, 36%, 93%
XYZ	53.9997, 43.3023, 49.2371
YIQ	179.8350, 41.0300, 27.3500

Conversions

Conversions Part 2

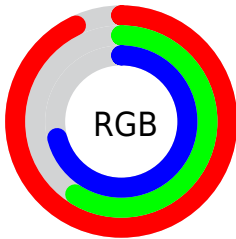
Format	Color
R _Y B	236, 151, 181
Decimal	15505333
CIE Lab	71.76, 35.84, -2.20
CIE LCh	72, 35.908, 356.485
Yxy	43.3023, 0.3685, 0.2955
Android (android.graphics.Color)	4293695413 (0xFFEC97B5)
YUV	179.8350, 0.5743, 49.2567
Hunter-Lab	65.8045, 31.3206, 1.7004

Details

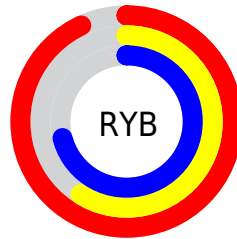
The Yxy color $43.3023, 0.3685, 0.2955$ is a light color, and the websafe version is hex FF99CC . A complement of this color would be $71.0245, 0.2776, 0.3658$, and the grayscale version is $45.5308, 0.3127, 0.3290$.

A 20% lighter version of the original color is $71.5170, 0.3276, 0.2981$, and $19.9472, 0.3843, 0.2869$ is the 20% darker color. If you saturate the color by 10%, you get $35.8603, 0.3920, 0.2863$, and if you desaturate by 10%, it is $52.3374, 0.3489, 0.3051$.

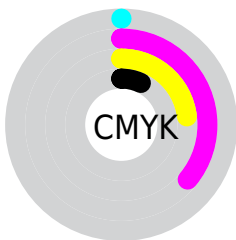
Distribution



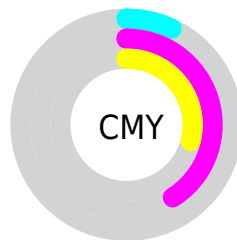
- Red (93%)
- Green (59%)
- Blue (71%)



- Red (93%)
- Yellow (59%)
- Blue (71%)



- Cyan (0%)
- Magenta (36%)
- Yellow (23%)
- Black (7%)





- Cyan (7%)
- Magenta (41%)
- Yellow (29%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 43.3023, 0.3685, 0.2955 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 43.3023, 0.3685, 0.2955 by changing the saturation by 10% instead.


 43.3023, 0.3685,
0.2955


 43.3023, 0.3685,
0.2955

359.8535, 0.3404,
0.3122

 30.1224, 0.3756,
0.2913


 80.1668, 0.3582,
0.3016

 19.9315, 0.3847,
0.2860

 104.6203, 0.3544,
0.3039

 12.3453, 0.3968,
0.2789


133.6003, 0.3512,
0.3058

 6.9793, 0.4139,
0.2690

167.4913, 0.3484,
0.3074

 3.4491, 0.4394,
0.2545

206.6778, 0.3460,
0.3089

 1.3705, 0.4815,
0.2308

251.5440, 0.3439,

 0.1948, 0.6581,

0.3101

0.1188

302.4745, 0.3420,
0.3113

■ 0.0000, 1.0000,
0.0000

■ 0.0000, 0.0000,
0.0000

■ 43.3023, 0.3685,
0.2955

■ 43.3023, 0.3685,
0.2955

■ 35.8603, 0.3920,
0.2863

■ 52.3374, 0.3489,
0.3051

■ 29.9117, 0.4195,
0.2784

■ 63.0452, 0.3327,
0.3147

■ 25.3554, 0.4506,
0.2729

■ 75.5072, 0.3195,
0.3238

■ 22.0748, 0.4841,
0.2711

■ 89.7980, 0.3087,
0.3323

■ 19.9339, 0.5178,
0.2740

■ 96.5723, 0.3011,
0.3290

■ 18.7649, 0.5489,
0.2821

■ 18.4620, 0.5604,
0.2861

Harmonies

Analogous

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



43.3023, 0.3168, 0.2653



43.3023, 0.3685, 0.2955



43.3023, 0.4057, 0.3342

Triad

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



43.3023, 0.3685, 0.2955



43.3023, 0.3527, 0.4225



43.3023, 0.2197, 0.2717

Complementary

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



43.3023, 0.3685, 0.2955



71.0245, 0.2776, 0.3658

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.



43.3023, 0.2275, 0.3124



43.3023, 0.3685, 0.2955



43.3023, 0.3021, 0.4071

Square

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



43.3023, 0.3685, 0.2955



43.3023, 0.3946, 0.4080



43.3023, 0.2567, 0.3640



43.3023, 0.2338, 0.2504

Rectangle

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



43.3023, 0.3685, 0.2955



43.3023, 0.4153, 0.3614



43.3023, 0.2567, 0.3640



43.3023, 0.2199, 0.2833

Sweetspot

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



43.3044, 0.3685, 0.2955



82.2768, 0.3258, 0.3193



41.1465, 0.2899, 0.2324



17.1822, 0.3276, 0.3180



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.



43.3044, 0.3685, 0.2955



45.0815, 0.3849, 0.2888



46.0268, 0.3951, 0.3421



15.1419, 0.3237, 0.3207



10.1992, 0.5562, 0.2837



0.8186, 0.5177, 0.2626

Inverse Universe

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



43.3044, 0.3685, 0.2955



45.0815, 0.3849, 0.2888



66.3051, 0.2603, 0.3153



15.1419, 0.3237, 0.3207



10.1992, 0.5562, 0.2837



0.8186, 0.5177, 0.2626

Previews

White Background



This preview shows how the Yxy color 43.3023, 0.3685, 0.2955 looks on a white background.

Color Contrast Check

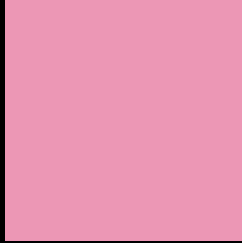
Large Text (above 18pt) WCAG AA × Fail

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 43.3023, 0.3685, 0.2955 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

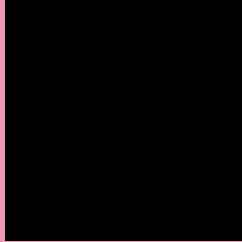
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.3023, 0.3685, 0.2955

Background



This preview shows how black text looks on a background with the Yxy color 43.3023, 0.3685, 0.2955.



This preview shows how white text looks on a background with the Yxy color 43.3023, 0.3685, 0.2955.

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

43.3023, 0.3685, 0.2955

Protanopia

43.6441, 0.2953, 0.3014

Deuteranopia

43.6776, 0.3267, 0.3201



Tritanopia

43.3202, 0.3821, 0.3167

Trichromacy



Original Color

43.3023, 0.3685, 0.2955



Protanomaly

42.9043, 0.3197, 0.2977



Deuteranomaly

43.3609, 0.3418, 0.3107



Tritanomaly

43.3849, 0.3773, 0.3088

Monochromacy



Original Color

43.3023, 0.3685, 0.2955



Achromatopsia

45.6411, 0.3127, 0.3290



Achromatomaly

43.9506, 0.3317, 0.3152

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.3023, 0.3685, 0.2955 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(236, 151, 181)` looks like.

```
.text, #text, p{  
    color:rgb(236, 151, 181)  
}
```

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(236, 151, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 151, 181) }
```

Border

The CSS property to change the border of an element to Yxy 43.3023, 0.3685, 0.2955 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(236, 151, 181) }
```

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

```
.border{ border-color:rgb(236, 151, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 151, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 151, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 151, 181);  
box-shadow:4px 4px 4px 4px rgb(236, 151,  
181) }
```


Background

The CSS property to change the background color of an element to Yxy 43.3023, 0.3685, 0.2955 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 151, 181) }
```

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

```
.background{ background-color: rgb(236,  
151, 181) }
```

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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