

Converting Colors

$Yxy(48.5447, 0.3358, 0.2881)$

Have a look what the booklet for
Yxy(48.5447, 0.3358, 0.2881)
contains.

Yxy(48.3280, 0.3353, 0.2873)	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(48.3280, 0.3353, 0.2873)

Conversions

Conversions Part 1

Format	Color
Hex	E3A7CC
RGB	227, 167, 204
RGB Percent	89%, 65%, 80%
CMY	0.1097, 0.3451, 0.2000
CMYK	0.00, 0.26, 0.10, 0.11
HSL	323°, 52%, 77%
HSV	323°, 26%, 89%
XYZ	56.4023, 48.3280, 63.4841
YIQ	189.1580, 23.8830, 24.2270

Conversions

Conversions Part 2

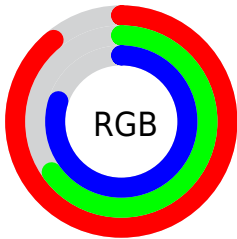
Format	Color
R _Y B	227, 167, 204
Decimal	14919628
CIE Lab	75.03, 27.79, -10.13
CIE LCh	75, 29.581, 339.969
Yxy	48.3280, 0.3353, 0.2873
Android (android.graphics.Color)	4293109708 (0xFFE3A7CC)
YUV	189.1580, 7.3171, 33.1874
Hunter-Lab	69.5183, 23.1652, -5.4808

Details

The Yxy color **48.3280, 0.3353, 0.2873** is a light color, and the websafe version is hex **CC99CC**. A complement of this color would be **66.8851, 0.2954, 0.3748**, and the grayscale version is **50.9331, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.2554, 0.3142, 0.2980**, and **22.8946, 0.3412, 0.2759** is the 20% darker color. If you saturate the color by 10%, you get **40.3236, 0.3467, 0.2710**, and if you desaturate by 10%, it is **57.8201, 0.3255, 0.3036**.

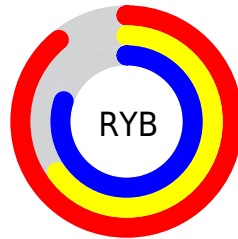
Distribution



Red (89%)

Green (65%)

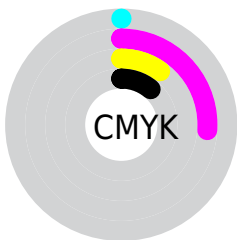
Blue (80%)



Red (89%)

Yellow (65%)

Blue (80%)

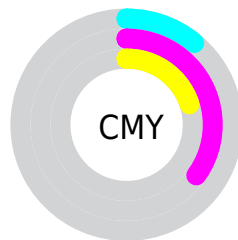


Cyan (0%)

Magenta (26%)

Yellow (10%)

Black (11%)



Cyan (11%)


Magenta (35%)

Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 48.3280, 0.3353, 0.2873 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 48.3280, 0.3353, 0.2873 by changing the saturation by 10% instead.


 48.3280, 0.3353,
0.2873


 48.3280, 0.3353,
0.2873


380.0908, 0.3244,
0.3073

 34.0867, 0.3379,
0.2825


 87.6926, 0.3314,
0.2944

 22.9602, 0.3412,
0.2766

 113.5846, 0.3300,
0.2971

 14.5641, 0.3454,
0.2689


144.1291, 0.3287,
0.2994

 8.5141, 0.3511,
0.2585

179.7103, 0.3276,
0.3014

 4.4256, 0.3592,
0.2439

220.7127, 0.3267,
0.3032

 1.9144, 0.3716,
0.2219

267.5206, 0.3258,

 0.5570, 0.3974,

0.3047

0.1752

320.5185, 0.3251,
0.3061

0.0000, 0.5871,
0.0000

0.0000, 0.0000,
0.0000

48.3280, 0.3353,
0.2873

48.3280, 0.3353,
0.2873

40.3236, 0.3467,
0.2710

57.8201, 0.3255,
0.3036

33.7238, 0.3599,
0.2554

68.8646, 0.3173,
0.3193

28.4470, 0.3748,
0.2414

81.5301, 0.3104,
0.3342

24.4006, 0.3911,
0.2302

94.0768, 0.3047,
0.3454

■ 21.4800, 0.4084,
0.2228

■ 94.6034, 0.2999,
0.3365

■ 19.5628, 0.4260,
0.2204

■ 95.0750, 0.2958,
0.3290

■ 18.4953, 0.4433,
0.2232

■ 18.2273, 0.4494,
0.2249

Harmonies

Analogous

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



48.3280, 0.2939, 0.2683



48.3280, 0.3353, 0.2873



48.3280, 0.3724, 0.3161

Triad

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



48.3280, 0.3353, 0.2873



48.3280, 0.3652, 0.3997



48.3280, 0.2388, 0.3004

Complementary

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



48.3280, 0.3353, 0.2873



66.8851, 0.2954, 0.3748

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.



48.3280, 0.2554, 0.3386



48.3280, 0.3353, 0.2873



48.3280, 0.3275, 0.3999

Square

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



48.3280, 0.3353, 0.2873



48.3280, 0.3897, 0.3798



48.3280, 0.2873, 0.3768



48.3280, 0.2405, 0.2736

Rectangle

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



48.3280, 0.3353, 0.2873



48.3280, 0.3884, 0.3380



48.3280, 0.2873, 0.3768



48.3280, 0.2424, 0.3123

Sweetspot

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



48.3302, 0.3353, 0.2873



87.1742, 0.3185, 0.3168



44.1308, 0.2850, 0.2570



18.1754, 0.3197, 0.3144



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.



48.3302, 0.3353, 0.2873



56.6667, 0.3417, 0.2779



47.0263, 0.3628, 0.3210



14.5166, 0.3196, 0.3146



10.6511, 0.4469, 0.2236



0.8051, 0.4236, 0.2107

Inverse Universe

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



48.3302, 0.3353, 0.2873



56.6667, 0.3417, 0.2779



68.3352, 0.2780, 0.3373



14.5166, 0.3196, 0.3146



10.6511, 0.4469, 0.2236



0.8051, 0.4236, 0.2107

Previews

White Background



This preview shows how the Yxy color 48.3280, 0.3353, 0.2873 looks on a white background.

Color Contrast Check

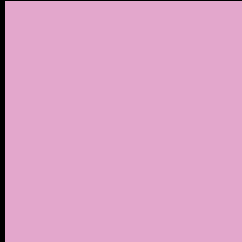
Large Text (above 18pt) WCAG AA × Fail

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 48.3280, 0.3353, 0.2873 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

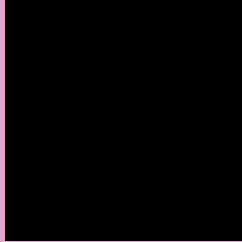
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 48.3280, 0.3353, 0.2873

Background



This preview shows how black text looks on a background with the Yxy color 48.3280, 0.3353, 0.2873.



This preview shows how white text looks on a background with the Yxy color 48.3280, 0.3353, 0.2873.

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

48.3280, 0.3353, 0.2873

Protanopia

48.7710, 0.2858, 0.2904

Deuteranopia

48.5089, 0.3081, 0.3020



Tritanopia

48.4338, 0.3498, 0.3140

Trichromacy



Original Color

48.3280, 0.3353, 0.2873



Protanomaly

48.2797, 0.3020, 0.2891



Deuteranomaly

48.2371, 0.3177, 0.2956



Tritanomaly

48.5186, 0.3446, 0.3049

Monochromacy



Original Color

48.3280, 0.3353, 0.2873



Achromatopsia

50.8881, 0.3127, 0.3290



Achromatomaly

49.6393, 0.3211, 0.3132

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.3280, 0.3353, 0.2873 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(227, 167, 204)` looks like.

```
.text, #text, p{  
    color:rgb(227, 167, 204)  
}
```

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(227, 167, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 167, 204) }
```

Border

The CSS property to change the border of an element to Yxy 48.3280, 0.3353, 0.2873 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(227, 167, 204) }
```

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

```
.border{ border-color:rgb(227, 167, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 167, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 167, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 167, 204);  
box-shadow:4px 4px 4px 4px rgb(227, 167,  
204) }
```


Background

The CSS property to change the background color of an element to Yxy 48.3280, 0.3353, 0.2873 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 167, 204) }
```

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

```
.background{ background-color: rgb(227,  
167, 204) }
```

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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