

Converting Colors

$Yxy(50.6543, 0.3434, 0.3045)$

Have a look what the booklet for
Yxy(50.6543, 0.3434, 0.3045)
contains.

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Color

Yxy(50.8702, 0.3439, 0.3053)

Conversions

Conversions Part 1

Format	Color
Hex	E5AEC3
RGB	229, 174, 195
RGB Percent	90%, 68%, 76%
CMY	0.1020, 0.3176, 0.2351
CMYK	0.00, 0.24, 0.15, 0.10
HSL	337°, 51%, 79%
HSV	337°, 24%, 90%
XYZ	57.3019, 50.8702, 58.4516
YIQ	192.8390, 26.0390, 18.1910

Conversions

Conversions Part 2

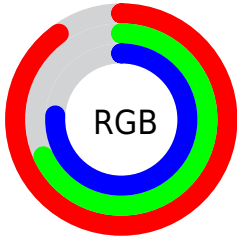
Format	Color
R _Y B	229, 174, 195
Decimal	15052483
CIE Lab	76.60, 23.25, -2.89
CIE LCh	77, 23.429, 352.915
Yxy	50.8702, 0.3439, 0.3053
Android (android.graphics.Color)	4293242563 (0xFFE5AEC3)
YUV	192.8390, 1.0654, 31.7132
Hunter-Lab	71.3233, 18.5928, 1.3364

Details

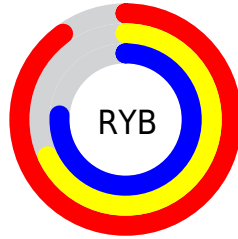
The Yxy color **50.8702, 0.3439, 0.3053** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **69.5875, 0.2893, 0.3541**, and the grayscale version is **53.2133, 0.3127, 0.3290**.

A 20% lighter version of the original color is **84.8819, 0.3157, 0.3077**, and **24.4821, 0.3532, 0.2994** is the 20% darker color. If you saturate the color by 10%, you get **42.1559, 0.3618, 0.2949**, and if you desaturate by 10%, it is **61.1579, 0.3291, 0.3155**.

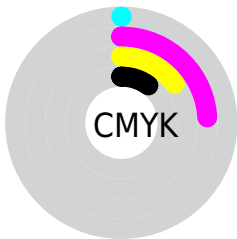
Distribution



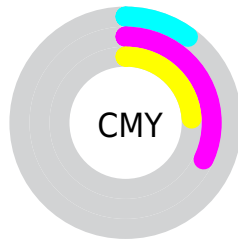
- Red (90%)
- Green (68%)
- Blue (76%)



- Red (90%)
- Yellow (68%)
- Blue (76%)



- Cyan (0%)
- Magenta (24%)
- Yellow (15%)
- Black (10%)





- Cyan (10%)
- Magenta (32%)
- Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.8702, 0.3439, 0.3053 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 50.8702, 0.3439, 0.3053 by changing the saturation by 10% instead.


 50.8702, 0.3439,
0.3053

 50.8702, 0.3439,
0.3053


390.0593, 0.3286,
0.3168

 36.1053, 0.3476,
0.3025


 91.4629, 0.3384,
0.3094

 24.5155, 0.3524,
0.2990


118.0595, 0.3363,
0.3110

 15.7165, 0.3586,
0.2944


149.3687, 0.3346,
0.3123

 9.3238, 0.3671,
0.2882


185.7751, 0.3330,
0.3135

 4.9530, 0.3795,
0.2792

227.6629, 0.3317,
0.3145

 2.2197, 0.3991,
0.2652

275.4167, 0.3306,

 0.7307, 0.4359,

0.3153

0.2384

329.4206, 0.3295,
0.3161

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

50.8702, 0.3439,
0.3053

50.8702, 0.3439,
0.3053

42.1559, 0.3618,
0.2949

61.1579, 0.3291,
0.3155

34.9301, 0.3833,
0.2848

73.0849, 0.3169,
0.3253

29.1100, 0.4085,
0.2758

86.7214, 0.3070,
0.3344

24.6021, 0.4372,
0.2690

95.1802, 0.2988,
0.3324

■ 21.3014, 0.4685,
0.2657

■ 95.3974, 0.2970,
0.3290

■ 19.0863, 0.5006,
0.2670

■ 17.8093, 0.5313,
0.2736

■ 17.3554, 0.5483,
0.2794

Harmonies

Analogous

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



50.8702, 0.3120, 0.2862



50.8702, 0.3439, 0.3053



50.8702, 0.3679, 0.3305

Triad

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



50.8702, 0.3439, 0.3053



50.8702, 0.3422, 0.3859



50.8702, 0.2531, 0.2967

Complementary

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



50.8702, 0.3439, 0.3053



69.5875, 0.2893, 0.3541

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.



50.8702, 0.2603, 0.3235



50.8702, 0.3439, 0.3053



50.8702, 0.3109, 0.3777

Square

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



50.8702, 0.3439, 0.3053



50.8702, 0.3665, 0.3773



50.8702, 0.2810, 0.3540



50.8702, 0.2607, 0.2803

Rectangle

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



50.8702, 0.3439, 0.3053



50.8702, 0.3754, 0.3481



50.8702, 0.2810, 0.3540



50.8702, 0.2538, 0.3047

Sweetspot

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



50.8725, 0.3439, 0.3053



88.4456, 0.3204, 0.3224



49.3277, 0.2982, 0.2662



18.7286, 0.3211, 0.3218



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.



50.8725, 0.3439, 0.3053



58.9483, 0.3527, 0.2999



52.5253, 0.3610, 0.3365



14.4588, 0.3233, 0.3200



9.9451, 0.5443, 0.2772



0.7526, 0.5048, 0.2555

Inverse Universe

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



50.8725, 0.3439, 0.3053



58.9483, 0.3527, 0.2999



67.2073, 0.2767, 0.3214



14.4588, 0.3233, 0.3200



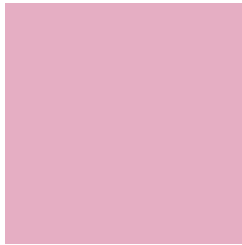
9.9451, 0.5443, 0.2772



0.7526, 0.5048, 0.2555

Previews

White Background



This preview shows how the Yxy color 50.8702, 0.3439, 0.3053 looks on a white background.

Color Contrast Check

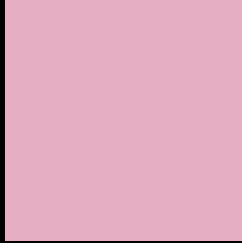
Large Text (above 18pt) WCAG AA × Fail

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 50.8702, 0.3439, 0.3053 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

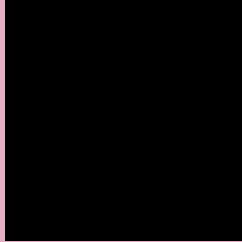
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 50.8702, 0.3439, 0.3053

Background



This preview shows how black text looks on a background with the Yxy color 50.8702, 0.3439, 0.3053.



This preview shows how white text looks on a background with the Yxy color 50.8702, 0.3439, 0.3053.

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

50.8702, 0.3439, 0.3053

Protanopia

51.1449, 0.3015, 0.3092

Deuteranopia

50.8390, 0.3243, 0.3170



Tritanopia

50.8280, 0.3482, 0.3131

Trichromacy



Original Color

50.8702, 0.3439, 0.3053

Protanomaly

50.9214, 0.3162, 0.3074

Deuteranomaly

50.8337, 0.3307, 0.3126

Tritanomaly

50.9155, 0.3464, 0.3109

Monochromacy



Original Color

50.8702, 0.3439, 0.3053

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

52.1347, 0.3232, 0.3194

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.8702, 0.3439, 0.3053 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(229, 174, 195)` looks like.

```
.text, #text, p{  
    color:rgb(229, 174, 195)  
}
```

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(229, 174, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(229, 174, 195) }
```

Border

The CSS property to change the border of an element to Yxy 50.8702, 0.3439, 0.3053 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(229, 174, 195) }
```

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

```
.border{ border-color:rgb(229, 174, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(229, 174, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(229, 174, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(229, 174, 195);  
box-shadow:4px 4px 4px 4px rgb(229, 174,  
195) }
```


Background

The CSS property to change the background color of an element to Yxy 50.8702, 0.3439, 0.3053 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(229, 174, 195) }
```

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

```
.background{ background-color: rgb(229,  
174, 195) }
```

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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