

Converting Colors

Yxy(51.4653, 0.3448, 0.3034)

Have a look what the booklet for
Yxy(51.4653, 0.3448, 0.3034)
contains.

Yxy(51.4591, 0.3448, 0.3034)	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(51.4591, 0.3448, 0.3034)

Conversions

Conversions Part 1

Format	Color
Hex	E8AEC5
RGB	232, 174, 197
RGB Percent	91%, 68%, 77%
CMY	0.0904, 0.3175, 0.2275
CMYK	0.00, 0.25, 0.15, 0.09
HSL	336°, 56%, 80%
HSV	336°, 25%, 91%
XYZ	58.4809, 51.4591, 59.6681
YIQ	193.9640, 27.1850, 19.4490

Conversions

Conversions Part 2

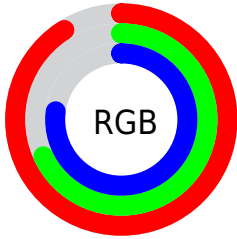
Format	Color
R _Y B	232, 174, 197
Decimal	15249093
CIE Lab	76.96, 24.59, -3.40
CIE LCh	77, 24.827, 352.138
Yxy	51.4591, 0.3448, 0.3034
Android (android.graphics.Color)	4293439173 (0xFFE8AEC5)
YUV	193.9640, 1.4967, 33.3576
Hunter-Lab	71.7350, 19.9832, 0.8979

Details

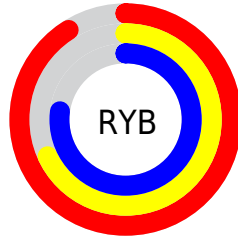
The Yxy color **51.4591, 0.3448, 0.3034** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **71.2924, 0.2889, 0.3562**, and the grayscale version is **53.9051, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.0094, 0.3145, 0.3058**, and **24.8880, 0.3544, 0.2969** is the 20% darker color. If you saturate the color by 10%, you get **42.6457, 0.3626, 0.2926**, and if you desaturate by 10%, it is **61.8844, 0.3300, 0.3140**.

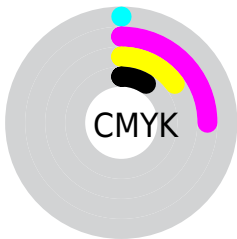
Distribution



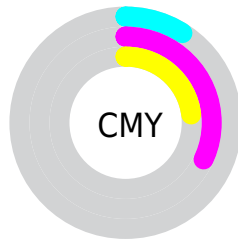
- Red (91%)
- Green (68%)
- Blue (77%)



- Red (91%)
- Yellow (68%)
- Blue (77%)



- Cyan (0%)
- Magenta (25%)
- Yellow (15%)
- Black (9%)



- Cyan (9%)
- Magenta (32%)
- Yellow (23%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 51.4591, 0.3448, 0.3034 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 51.4591, 0.3448, 0.3034 by changing the saturation by 10% instead.

51.4591, 0.3448,
0.3034

51.4591, 0.3448,
0.3034

392.3449, 0.3291,
0.3158

36.5741, 0.3486,
0.3004

92.3330, 0.3392,
0.3078

24.8779, 0.3534,
0.2967

119.0908, 0.3371,
0.3095

15.9861, 0.3598,
0.2918

150.5749, 0.3352,
0.3109

9.5143, 0.3684,
0.2852

187.1698, 0.3337,
0.3122

5.0782, 0.3809,
0.2757

229.2598, 0.3323,
0.3133

2.2932, 0.4006,
0.2611

277.2294, 0.3311,

0.7701, 0.4366,

0.3142

0.2345

331.4630, 0.3301,
0.3150

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

51.4591, 0.3448,
0.3034

51.4591, 0.3448,
0.3034

42.6457, 0.3626,
0.2926

61.8844, 0.3300,
0.3140

35.3560, 0.3839,
0.2822

73.9898, 0.3179,
0.3242

29.5040, 0.4088,
0.2731

87.8484, 0.3080,
0.3337

24.9924, 0.4371,
0.2662

95.7595, 0.2998,
0.3310

■ 21.7114, 0.4677,
0.2630

■ 95.8882, 0.2987,
0.3290

■ 19.5338, 0.4990,
0.2646

■ 18.3037, 0.5288,
0.2716

■ 17.9202, 0.5428,
0.2764

Harmonies

Analogous

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



51.4591, 0.3110, 0.2835



51.4591, 0.3448, 0.3034



51.4591, 0.3705, 0.3297

Triad

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



51.4591, 0.3448, 0.3034



51.4591, 0.3446, 0.3892



51.4591, 0.2499, 0.2954

Complementary

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



51.4591, 0.3448, 0.3034



71.2924, 0.2889, 0.3562

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.



51.4591, 0.2579, 0.3240



51.4591, 0.3448, 0.3034



51.4591, 0.3116, 0.3810

Square

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



51.4591, 0.3448, 0.3034



51.4591, 0.3699, 0.3794



51.4591, 0.2800, 0.3562



51.4591, 0.2575, 0.2780

Rectangle

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



51.4591, 0.3448, 0.3034



51.4591, 0.3788, 0.3483



51.4591, 0.2800, 0.3562



51.4591, 0.2509, 0.3039

Sweetspot

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



51.4614, 0.3448, 0.3034



88.4607, 0.3202, 0.3221



49.6297, 0.2967, 0.2633



18.7320, 0.3209, 0.3215



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.



51.4614, 0.3448, 0.3034



57.8951, 0.3536, 0.2978



52.7749, 0.3638, 0.3357



14.4622, 0.3230, 0.3197



9.9762, 0.5387, 0.2741



0.7551, 0.4999, 0.2527

Inverse Universe

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



51.4614, 0.3448, 0.3034



57.8951, 0.3536, 0.2978



69.3062, 0.2755, 0.3222



14.4622, 0.3230, 0.3197



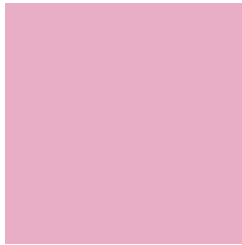
9.9762, 0.5387, 0.2741



0.7551, 0.4999, 0.2527

Previews

White Background



This preview shows how the Yxy color 51.4591, 0.3448, 0.3034 looks on a white background.

Color Contrast Check

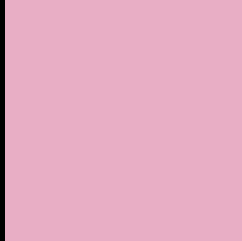
Large Text (above 18pt) WCAG AA × Fail

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 51.4591, 0.3448, 0.3034 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

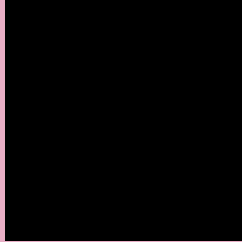
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 51.4591, 0.3448, 0.3034

Background



This preview shows how black text looks on a background with the Yxy color 51.4591, 0.3448, 0.3034.



This preview shows how white text looks on a background with the Yxy color 51.4591, 0.3448, 0.3034.

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

51.4591, 0.3448, 0.3034

Protanopia

51.6702, 0.3001, 0.3081

Deuteranopia

51.3429, 0.3226, 0.3158



Tritanopia

51.3230, 0.3508, 0.3133

Trichromacy



Original Color

51.4591, 0.3448, 0.3034

Protanomaly

51.5719, 0.3154, 0.3064

Deuteranomaly

51.0751, 0.3299, 0.3103

Tritanomaly

51.4546, 0.3482, 0.3100

Monochromacy



Original Color

51.4591, 0.3448, 0.3034

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

52.8907, 0.3240, 0.3195

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.4591, 0.3448, 0.3034 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(232, 174, 197)` looks like.

```
.text, #text, p{  
    color:rgb(232, 174, 197)  
}
```

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(232, 174, 197) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(232, 174, 197) }
```

Border

The CSS property to change the border of an element to Yxy 51.4591, 0.3448, 0.3034 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(232, 174, 197) }
```

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

```
.border{ border-color:rgb(232, 174, 197) }
```

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

Here you see how a box with a 4 pixel `rgb(232, 174, 197)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(232, 174, 197); -webkit-box-  
shadow:4px 4px 4px 4px rgb(232, 174, 197);  
box-shadow:4px 4px 4px 4px rgb(232, 174,  
197) }
```


Background

The CSS property to change the background color of an element to Yxy 51.4591, 0.3448, 0.3034 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(232, 174, 197) }
```

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

```
.background{ background-color: rgb(232,  
174, 197) }
```

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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