

Converting Colors

$Y_{xy}(50.5118, 0.3472, 0.3024)$

Have a look what the booklet for
Yxy(50.5118, 0.3472, 0.3024)
contains.

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Color

Yxy(50.3896, 0.3480, 0.3023)

Conversions

Conversions Part 1

Format	Color
Hex	E9ABC3
RGB	233, 171, 195
RGB Percent	91%, 67%, 76%
CMY	0.0864, 0.3293, 0.2353
CMYK	0.00, 0.27, 0.16, 0.09
HSL	337°, 58%, 79%
HSV	337°, 27%, 91%
XYZ	58.0072, 50.3896, 58.2906
YIQ	192.2740, 29.2480, 20.6080

Conversions

Conversions Part 2

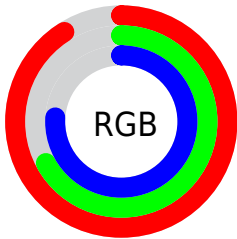
Format	Color
R _Y B	233, 171, 195
Decimal	15313859
CIE Lab	76.31, 26.24, -3.24
CIE LCh	76, 26.437, 352.950
Yxy	50.3896, 0.3480, 0.3023
Android (android.graphics.Color)	4293503939 (0xFFE9ABC3)
YUV	192.2740, 1.3439, 35.7167
Hunter-Lab	70.9856, 21.6397, 1.0033

Details

The Yxy color **50.3896, 0.3480, 0.3023** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **71.5211, 0.2871, 0.3575**, and the grayscale version is **52.8601, 0.3127, 0.3290**.

A 20% lighter version of the original color is **83.2264, 0.3159, 0.3047**, and **24.1101, 0.3577, 0.2954** is the 20% darker color. If you saturate the color by 10%, you get **41.7360, 0.3667, 0.2918**, and if you desaturate by 10%, it is **60.6606, 0.3325, 0.3127**.

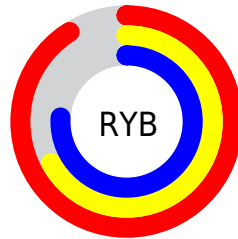
Distribution



Red (91%)

Green (67%)

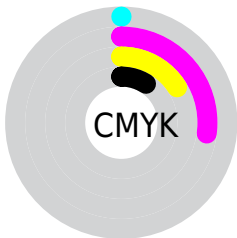
Blue (76%)



Red (91%)

Yellow (67%)

Blue (76%)

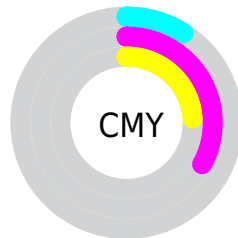


Cyan (0%)

Magenta (27%)

Yellow (16%)

Black (9%)



Cyan (9%)


Magenta (33%)

Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.3896, 0.3480, 0.3023 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 50.3896, 0.3480, 0.3023 by changing the saturation by 10% instead.

 50.3896, 0.3480,
0.3023

 50.3896, 0.3480,
0.3023

388.1876, 0.3307,
0.3153

 35.7231, 0.3522,
0.2992


 90.7519, 0.3418,
0.3069

 24.2204, 0.3576,
0.2952


117.2164, 0.3394,
0.3087

 15.4972, 0.3646,
0.2901


148.3823, 0.3374,
0.3102

 9.1691, 0.3743,
0.2830

184.6341, 0.3357,
0.3115

 4.8516, 0.3883,
0.2730

226.3561, 0.3342,
0.3126

 2.1605, 0.4106,
0.2574

273.9328, 0.3329,

 0.6983, 0.4527,

0.3136

0.2267

327.7485, 0.3317,
0.3145

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

50.3896, 0.3480,
0.3023

50.3896, 0.3480,
0.3023

41.7360, 0.3667,
0.2918

60.6606, 0.3325,
0.3127

34.6098, 0.3890,
0.2818

72.6193, 0.3198,
0.3227

28.9226, 0.4149,
0.2731

86.3400, 0.3094,
0.3321

24.5741, 0.4442,
0.2670

95.8734, 0.3009,
0.3318

■ 21.4510, 0.4757,
0.2647

■ 96.0575, 0.2993,
0.3290

■ 19.4207, 0.5075,
0.2674

■ 18.3163, 0.5372,
0.2753

■ 18.0579, 0.5468,
0.2786

Harmonies

Analogous

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



50.3896, 0.3118, 0.2809



50.3896, 0.3480, 0.3023



50.3896, 0.3753, 0.3304

Triad

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



50.3896, 0.3480, 0.3023



50.3896, 0.3458, 0.3937



50.3896, 0.2457, 0.2922

Complementary

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



50.3896, 0.3480, 0.3023



71.5211, 0.2871, 0.3575

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.



50.3896, 0.2536, 0.3225



50.3896, 0.3480, 0.3023



50.3896, 0.3104, 0.3845

Square

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



50.3896, 0.3480, 0.3023



50.3896, 0.3734, 0.3834



50.3896, 0.2768, 0.3574



50.3896, 0.2542, 0.2741

Rectangle

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



50.3896, 0.3480, 0.3023



50.3896, 0.3838, 0.3502



50.3896, 0.2768, 0.3574



50.3896, 0.2465, 0.3012

Sweetspot

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



50.3919, 0.3480, 0.3023



86.8883, 0.3215, 0.3213



48.4531, 0.2955, 0.2587



18.1034, 0.3233, 0.3198



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.



50.3919, 0.3480, 0.3023



55.7071, 0.3580, 0.2964



51.7891, 0.3681, 0.3362



15.1505, 0.3232, 0.3199



10.2726, 0.5428, 0.2764



0.8250, 0.5056, 0.2559

Inverse Universe

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



50.3919, 0.3480, 0.3023



55.7071, 0.3580, 0.2964



69.3538, 0.2732, 0.3217



15.1505, 0.3232, 0.3199



10.2726, 0.5428, 0.2764



0.8250, 0.5056, 0.2559

Previews

White Background



This preview shows how the Yxy color 50.3896, 0.3480, 0.3023 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 50.3896, 0.3480, 0.3023 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

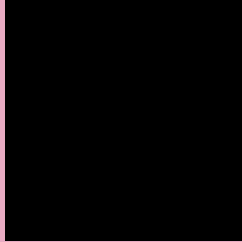
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 50.3896, 0.3480, 0.3023

Background



This preview shows how black text looks on a background with the Yxy color 50.3896, 0.3480, 0.3023.



This preview shows how white text looks on a background with the Yxy color 50.3896, 0.3480, 0.3023.

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

50.3896, 0.3480, 0.3023

Protanopia

50.5132, 0.2992, 0.3067

Deuteranopia

50.6964, 0.3235, 0.3170



Tritanopia

50.5881, 0.3548, 0.3144

Trichromacy



Original Color

50.3896, 0.3480, 0.3023

Protanomaly

50.1022, 0.3164, 0.3050

Deuteranomaly

50.5823, 0.3317, 0.3114

Tritanomaly

50.3350, 0.3523, 0.3100

Monochromacy



Original Color

50.3896, 0.3480, 0.3023

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

51.3966, 0.3251, 0.3182

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.3896, 0.3480, 0.3023 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(233, 171, 195)` looks like.

```
.text, #text, p{  
    color:rgb(233, 171, 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(233, 171, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(233, 171, 195) }
```

Border

The CSS property to change the border of an element to Yxy 50.3896, 0.3480, 0.3023 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(233, 171, 195) }
```

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

```
.border{ border-color:rgb(233, 171, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(233, 171, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(233, 171, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(233, 171, 195);  
box-shadow:4px 4px 4px 4px rgb(233, 171,  
195) }
```


Background

The CSS property to change the background color of an element to Yxy 50.3896, 0.3480, 0.3023 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(233, 171, 195) }
```

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

```
.background{ background-color: rgb(233,  
171, 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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