

Converting Colors

$Yxy(51.8196, 0.3679, 0.3150)$

Have a look what the booklet for
Yxy(51.8196, 0.3679, 0.3150)
contains.

Yxy(51.8196, 0.3679, 0.3150)	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(51.8196, 0.3679, 0.3150)

Conversions

Conversions Part 1

Format	Color
Hex	F4ABB8
RGB	244, 171, 184
RGB Percent	96%, 67%, 72%
CMY	0.0432, 0.3294, 0.2784
CMYK	0.00, 0.30, 0.25, 0.04
HSL	349°, 77%, 81%
HSV	349°, 30%, 96%
XYZ	60.5220, 51.8196, 52.1651
YIQ	194.3090, 39.3350, 19.5190

Conversions

Conversions Part 2

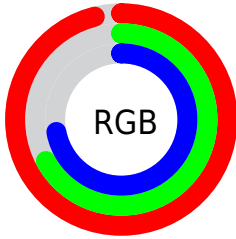
Format	Color
R_{YB}	244, 171, 184
Decimal	16034744
CIE _{Lab}	77.17, 28.55, 4.15
CIE _{LCh}	77, 28.851, 8.264
Yxy	51.8196, 0.3679, 0.3150
Android (android.graphics.Color)	4294224824 (0xFFFF4ABB8)
YUV	194.3090, -5.0823, 43.5790
Hunter-Lab	71.9858, 24.0985, 7.4251

Details

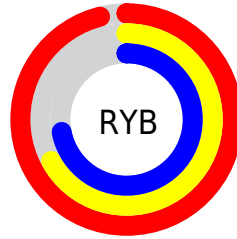
The Yxy color **51.8196, 0.3679, 0.3150** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **79.1256, 0.2761, 0.3437**, and the grayscale version is **54.1562, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.4894, 0.3237, 0.3162**, and **25.0347, 0.3827, 0.3108** is the 20% darker color. If you saturate the color by 10%, you get **42.6568, 0.3955, 0.3102**, and if you desaturate by 10%, it is **62.8078, 0.3454, 0.3199**.

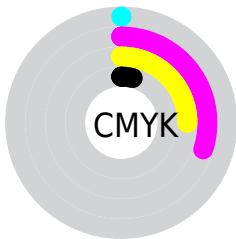
Distribution



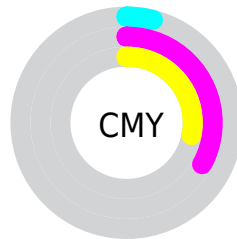
- Red (96%)
- Green (67%)
- Blue (72%)



- Red (96%)
- Yellow (67%)
- Blue (72%)



- Cyan (0%)
- Magenta (30%)
- Yellow (25%)
- Black (4%)





- Cyan (4%)
- Magenta (33%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.8196, 0.3679, 0.3150 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 51.8196, 0.3679, 0.3150 by changing the saturation by 10% instead.


 51.8196, 0.3679,
0.3150

 51.8196, 0.3679,
0.3150


393.7398, 0.3407,
0.3222

 36.8613, 0.3746,
0.3132


 92.8651, 0.3581,
0.3176

 25.1001, 0.3831,
0.3108


119.7212, 0.3544,
0.3186

 16.1517, 0.3943,
0.3076


151.3119, 0.3512,
0.3195

 9.6315, 0.4097,
0.3031

188.0217, 0.3485,
0.3202

 5.1553, 0.4321,
0.2963

230.2350, 0.3462,
0.3208

 2.3387, 0.4676,
0.2849

278.3362, 0.3441,

 0.7941, 0.5406,

0.3213

0.2665

332.7096, 0.3423,
0.3218

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

51.8196, 0.3679,
0.3150

51.8196, 0.3679,
0.3150

42.6568, 0.3955,
0.3102

62.8078, 0.3454,
0.3199

35.2133, 0.4286,
0.3060

75.7052, 0.3272,
0.3246

29.3834, 0.4670,
0.3030

90.5995, 0.3126,
0.3290

25.0467, 0.5091,
0.3021

97.9720, 0.3060,
0.3290

■ 22.0657, 0.5513,
0.3042

■ 20.2775, 0.5885,
0.3095

■ 19.4158, 0.6162,
0.3168

■ 19.4099, 0.6164,
0.3169

Harmonies

Analogous

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



51.8196, 0.3320, 0.2878



51.8196, 0.3679, 0.3150



51.8196, 0.3884, 0.3466

Triad

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



51.8196, 0.3679, 0.3150



51.8196, 0.3291, 0.3969



51.8196, 0.2431, 0.2773

Complementary

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



51.8196, 0.3679, 0.3150



79.1256, 0.2761, 0.3437

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.



51.8196, 0.2425, 0.3037



51.8196, 0.3679, 0.3150



51.8196, 0.2906, 0.3762

Square

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



51.8196, 0.3679, 0.3150



51.8196, 0.3646, 0.3958



51.8196, 0.2594, 0.3405



51.8196, 0.2608, 0.2660

Rectangle

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



51.8196, 0.3679, 0.3150



51.8196, 0.3899, 0.3670



51.8196, 0.2594, 0.3405



51.8196, 0.2409, 0.2845

Sweetspot

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



51.8220, 0.3679, 0.3150



85.0656, 0.3258, 0.3250



52.5848, 0.3054, 0.2520



17.7274, 0.3282, 0.3244



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.



51.8220, 0.3679, 0.3150



50.8026, 0.3843, 0.3120



60.8097, 0.3726, 0.3542



16.5307, 0.3266, 0.3248



10.5686, 0.6131, 0.3151



0.9421, 0.5810, 0.2974

Inverse Universe

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



51.8220, 0.3679, 0.3150



50.8026, 0.3843, 0.3120



66.8406, 0.2665, 0.3022



16.5307, 0.3266, 0.3248



10.5686, 0.6131, 0.3151



0.9421, 0.5810, 0.2974

Previews

White Background



This preview shows how the Yxy color 51.8196, 0.3679, 0.3150 looks on a white background.

Color Contrast Check

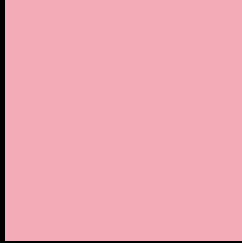
Large Text (above 18pt) WCAG AA × Fail

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 51.8196, 0.3679, 0.3150 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 51.8196, 0.3679, 0.3150

Background



This preview shows how black text looks on a background with the Yxy color 51.8196, 0.3679, 0.3150.



This preview shows how white text looks on a background with the Yxy color 51.8196, 0.3679, 0.3150.

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

51.8196, 0.3679, 0.3150

Protanopia

52.1045, 0.3114, 0.3228

Deuteranopia

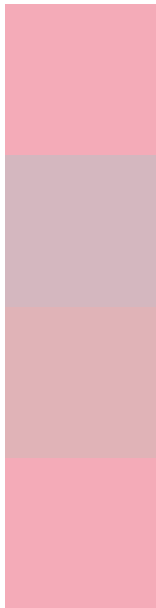
51.8045, 0.3393, 0.3315



Tritanopia

51.8196, 0.3679, 0.3150

Trichromacy



Original Color

51.8196, 0.3679, 0.3150

Protanomaly

51.6256, 0.3311, 0.3196

Deuteranomaly

51.5064, 0.3491, 0.3245

Tritanomaly

51.8196, 0.3679, 0.3150

Monochromacy



Original Color

51.8196, 0.3679, 0.3150

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

52.8326, 0.3315, 0.3243

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.8196, 0.3679, 0.3150 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(244, 171, 184)` looks like.

```
.text, #text, p{  
    color:rgb(244, 171, 184)  
}
```

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(244, 171, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 171, 184) }
```

Border

The CSS property to change the border of an element to Yxy 51.8196, 0.3679, 0.3150 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(244, 171, 184) }
```

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

```
.border{ border-color:rgb(244, 171, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 171, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 171, 184); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 171, 184);  
box-shadow:4px 4px 4px 4px rgb(244, 171,  
184) }
```


Background

The CSS property to change the background color of an element to Yxy 51.8196, 0.3679, 0.3150 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 171, 184) }
```

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

```
.background{ background-color: rgb(244,  
171, 184) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor