

Converting Colors

Yxy(50.6629, 0.3746, 0.3195)

Have a look what the booklet for
Yxy(50.6629, 0.3746, 0.3195)
contains.

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Color

Yxy(50.8234, 0.3741, 0.3193)

Conversions

Conversions Part 1

Format	Color
Hex	F4A9B2
RGB	244, 169, 178
RGB Percent	96%, 66%, 70%
CMY	0.0429, 0.3373, 0.3019
CMYK	0.00, 0.31, 0.27, 0.04
HSL	353°, 77%, 81%
HSV	353°, 31%, 96%
XYZ	59.5460, 50.8234, 48.8019
YIQ	192.4510, 41.8110, 18.6990

Conversions

Conversions Part 2

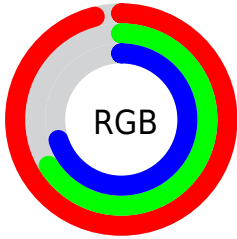
Format	Color
R_YB	244, 169, 178
Decimal	16034226
CIE _{Lab}	76.57, 28.82, 6.55
CIE _{LCh}	77, 29.551, 12.804
Yxy	50.8234, 0.3741, 0.3193
Android (android.graphics.Color)	4294224306 (0xFFFF4A9B2)
YUV	192.4510, -7.1243, 45.2085
Hunter-Lab	71.2905, 24.3351, 9.3164

Details

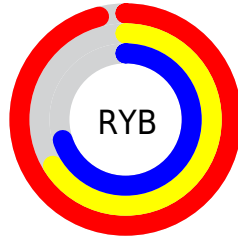
The Yxy color **50.8234, 0.3741, 0.3193** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **79.1616, 0.2730, 0.3392**, and the grayscale version is **53.0164, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.0509, 0.3279, 0.3201**, and **24.4106, 0.3915, 0.3165** is the 20% darker color. If you saturate the color by 10%, you get **41.7824, 0.4043, 0.3161**, and if you desaturate by 10%, it is **61.6986, 0.3495, 0.3226**.

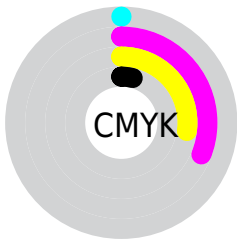
Distribution



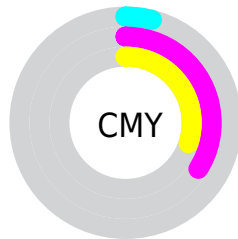
- Red (96%)
- Green (66%)
- Blue (70%)



- Red (96%)
- Yellow (66%)
- Blue (70%)



- Cyan (0%)
- Magenta (31%)
- Yellow (27%)
- Black (4%)




- Cyan (4%)
- Magenta (34%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.8234, 0.3741, 0.3193 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 50.8234, 0.3741, 0.3193 by changing the saturation by 10% instead.


 50.8234, 0.3741,
0.3193

 50.8234, 0.3741,
0.3193


389.8773, 0.3436,
0.3246

 36.0681, 0.3816,
0.3179


 91.3937, 0.3631,
0.3213

 24.4868, 0.3912,
0.3160


117.9774, 0.3589,
0.3220

 15.6951, 0.4039,
0.3134


149.2728, 0.3554,
0.3226

 9.3087, 0.4213,
0.3095

185.6641, 0.3524,
0.3231

 4.9431, 0.4468,
0.3035

227.5358, 0.3498,
0.3236

 2.2139, 0.4873,
0.2929

275.2723, 0.3475,

 0.7276, 0.5895,

0.3239

0.2812

329.2580, 0.3454,
0.3243

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

50.8234, 0.3741,
0.3193

50.8234, 0.3741,
0.3193

41.7824, 0.4043,
0.3161

61.6986, 0.3495,
0.3226

34.4677, 0.4405,
0.3134

74.4939, 0.3297,
0.3258

28.7713, 0.4822,
0.3117

89.2983, 0.3138,
0.3288

24.5698, 0.5270,
0.3117

97.9817, 0.3060,
0.3290

■ 21.7223, 0.5702,
0.3139

■ 20.0605, 0.6057,
0.3183

■ 19.3323, 0.6277,
0.3232

Harmonies

Analogous

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



50.8234, 0.3388, 0.2903



50.8234, 0.3741, 0.3193



50.8234, 0.3921, 0.3519

Triad

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



50.8234, 0.3741, 0.3193



50.8234, 0.3235, 0.3973



50.8234, 0.2427, 0.2729

Complementary

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



50.8234, 0.3741, 0.3193



79.1616, 0.2730, 0.3392

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.



50.8234, 0.2394, 0.2978



50.8234, 0.3741, 0.3193



50.8234, 0.2843, 0.3728

Square

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



50.8234, 0.3741, 0.3193



50.8234, 0.3613, 0.3994



50.8234, 0.2541, 0.3347



50.8234, 0.2634, 0.2639

Rectangle

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



50.8234, 0.3741, 0.3193



50.8234, 0.3912, 0.3725



50.8234, 0.2541, 0.3347



50.8234, 0.2396, 0.2795

Sweetspot

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



50.8258, 0.3741, 0.3193



84.9888, 0.3267, 0.3263



52.4025, 0.3081, 0.2505



17.7086, 0.3292, 0.3259



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.



50.8258, 0.3741, 0.3193



49.6066, 0.3925, 0.3173



61.8138, 0.3736, 0.3589



16.5150, 0.3275, 0.3262



10.5175, 0.6252, 0.3218



0.9346, 0.5985, 0.3071

Inverse Universe

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



50.8258, 0.3741, 0.3193



49.6066, 0.3925, 0.3173



64.3478, 0.2647, 0.2969



16.5150, 0.3275, 0.3262



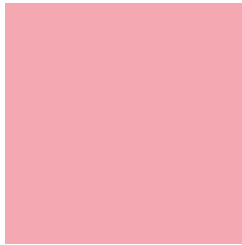
10.5175, 0.6252, 0.3218



0.9346, 0.5985, 0.3071

Previews

White Background



This preview shows how the Yxy color 50.8234, 0.3741, 0.3193 looks on a white background.

Color Contrast Check

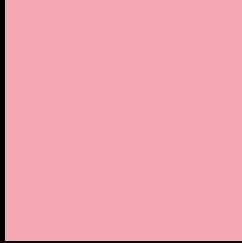
Large Text (above 18pt) WCAG AA × Fail

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 50.8234, 0.3741, 0.3193 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 50.8234, 0.3741, 0.3193

Background



This preview shows how black text looks on a background with the Yxy color 50.8234, 0.3741, 0.3193.



This preview shows how white text looks on a background with the Yxy color 50.8234, 0.3741, 0.3193.

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

50.8234, 0.3741, 0.3193

Protanopia

50.9780, 0.3161, 0.3278

Deuteranopia

51.1477, 0.3445, 0.3375



Tritanopia

50.5746, 0.3715, 0.3150

Trichromacy



Original Color

50.8234, 0.3741, 0.3193



Protanomaly

50.5476, 0.3364, 0.3243



Deuteranomaly

50.8624, 0.3545, 0.3303



Tritanomaly

50.5336, 0.3725, 0.3161

Monochromacy



Original Color

50.8234, 0.3741, 0.3193



Achromatopsia

52.7115, 0.3127, 0.3290



Achromatomaly

51.7177, 0.3334, 0.3255

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.8234, 0.3741, 0.3193 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, 169, 178)` looks like.

```
.text, #text, p{  
    color:rgb(244, 169, 178)  
}
```

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, 169, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 169, 178) }
```

Border

The CSS property to change the border of an element to Yxy 50.8234, 0.3741, 0.3193 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, 169, 178) }
```

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

```
.border{ border-color:rgb(244, 169, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 169, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 169, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 169, 178);  
box-shadow:4px 4px 4px 4px rgb(244, 169,  
178) }
```


Background

The CSS property to change the background color of an element to Yxy 50.8234, 0.3741, 0.3193 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 169, 178) }
```

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

```
.background{ background-color: rgb(244,  
169, 178) }
```

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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