

Converting Colors

Yxy(51.9376, 0.3743, 0.3239)

Have a look what the booklet for
Yxy(51.9376, 0.3743, 0.3239)
contains.

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Color

Yxy(51.9125, 0.3741, 0.3237)

Conversions

Conversions Part 1

Format	Color
Hex	F4ACB1
RGB	244, 172, 177
RGB Percent	96%, 67%, 69%
CMY	0.0432, 0.3255, 0.3058
CMYK	0.00, 0.30, 0.27, 0.04
HSL	356°, 77%, 82%
HSV	356°, 30%, 96%
XYZ	59.9953, 51.9125, 48.4645
YIQ	194.0980, 41.3070, 16.8190

Conversions

Conversions Part 2

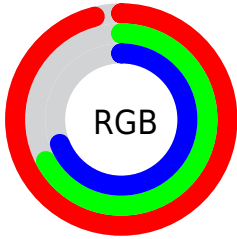
Format	Color
RYB	244, 172, 177
Decimal	16034993
CIELab	77.23, 27.06, 8.03
CIElCh	77, 28.227, 16.537
Yxy	51.9125, 0.3741, 0.3237
Android (android.graphics.Color)	4294225073 (0xFFFF4ACB1)
YUV	194.0980, -8.4293, 43.7641
Hunter-Lab	72.0503, 22.5463, 10.5539

Details

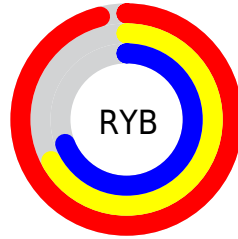
The Yxy color **51.9125, 0.3741, 0.3237** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **79.6966, 0.2726, 0.3345**, and the grayscale version is **54.0443, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.6300, 0.3283, 0.3241**, and **25.1134, 0.3901, 0.3207** is the 20% darker color. If you saturate the color by 10%, you get **42.6328, 0.4054, 0.3219**, and if you desaturate by 10%, it is **63.0525, 0.3487, 0.3256**.

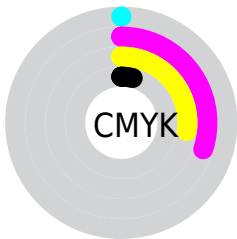
Distribution



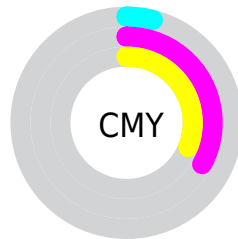
- Red (96%)
- Green (67%)
- Blue (69%)



- Red (96%)
- Yellow (67%)
- Blue (69%)



- Cyan (0%)
- Magenta (30%)
- Yellow (27%)
- Black (4%)





- Cyan (4%)
- Magenta (33%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.9125, 0.3741, 0.3237 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 51.9125, 0.3741, 0.3237 by changing the saturation by 10% instead.


 51.9125, 0.3741,
0.3237

 51.9125, 0.3741,
0.3237

394.0987, 0.3437,
0.3269

 36.9353, 0.3816,
0.3228


 93.0022, 0.3631,
0.3250

 25.1574, 0.3911,
0.3215


119.8835, 0.3590,
0.3254

 16.1944, 0.4036,
0.3197


151.5016, 0.3555,
0.3258

 9.6618, 0.4209,
0.3169

188.2410, 0.3525,
0.3261

 5.1753, 0.4460,
0.3124

230.4860, 0.3498,
0.3263

 2.3505, 0.4856,
0.3040

278.6210, 0.3475,

 0.8002, 0.5850,

0.3265

333.0305, 0.3455,
0.3267

0.2993

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

51.9125, 0.3741,
0.3237

51.9125, 0.3741,
0.3237

42.6328, 0.4054,
0.3219

63.0525, 0.3487,
0.3256

35.1052, 0.4431,
0.3204

76.1388, 0.3283,
0.3274

29.2218, 0.4866,
0.3195

91.2606, 0.3120,
0.3291

24.8596, 0.5331,
0.3196

97.9710, 0.3060,
0.3290

■ 21.8783, 0.5774,
0.3210

■ 20.1118, 0.6126,
0.3237

■ 19.3015, 0.6337,
0.3268

■ 19.2715, 0.6345,
0.3269

Harmonies

Analogous

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



51.9125, 0.3422, 0.2953



51.9125, 0.3741, 0.3237



51.9125, 0.3885, 0.3548

Triad

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



51.9125, 0.3741, 0.3237



51.9125, 0.3183, 0.3918



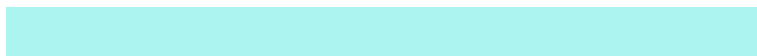
51.9125, 0.2477, 0.2738

Complementary

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



51.9125, 0.3741, 0.3237



79.6966, 0.2726, 0.3345

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.



51.9125, 0.2424, 0.2959



51.9125, 0.3741, 0.3237



51.9125, 0.2816, 0.3664

Square

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



51.9125, 0.3741, 0.3237



51.9125, 0.3549, 0.3967



51.9125, 0.2544, 0.3299



51.9125, 0.2693, 0.2670

Rectangle

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



51.9125, 0.3741, 0.3237



51.9125, 0.3859, 0.3738



51.9125, 0.2544, 0.3299



51.9125, 0.2440, 0.2795

Sweetspot

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



51.9149, 0.3741, 0.3237



84.9217, 0.3274, 0.3275



54.2151, 0.3113, 0.2544



17.6923, 0.3301, 0.3272



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.



51.9149, 0.3741, 0.3237



51.4189, 0.3908, 0.3227



64.4513, 0.3694, 0.3614



16.5012, 0.3283, 0.3274



10.4869, 0.6327, 0.3259



0.9281, 0.6152, 0.3162

Inverse Universe

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



51.9149, 0.3741, 0.3237



51.4189, 0.3908, 0.3227



63.3944, 0.2662, 0.2941



16.5012, 0.3283, 0.3274



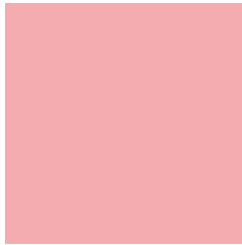
10.4869, 0.6327, 0.3259



0.9281, 0.6152, 0.3162

Previews

White Background



This preview shows how the Yxy color 51.9125, 0.3741, 0.3237 looks on a white background.

Color Contrast Check

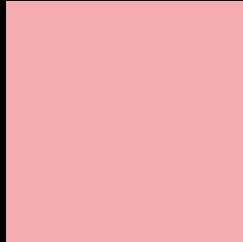
Large Text (above 18pt) WCAG AA × Fail

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 51.9125, 0.3741, 0.3237 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 51.9125, 0.3741, 0.3237

Background



This preview shows how black text looks on a background with the Yxy color 51.9125, 0.3741, 0.3237.



This preview shows how white text looks on a background with the Yxy color 51.9125, 0.3741, 0.3237.

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

51.9125, 0.3741, 0.3237

Protanopia

52.0169, 0.3191, 0.3327

Deuteranopia

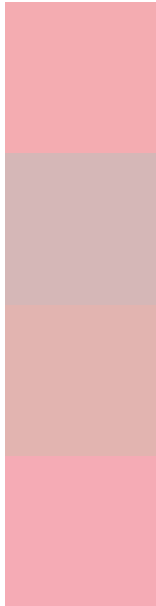
51.9751, 0.3478, 0.3398



Tritanopia

51.9990, 0.3688, 0.3151

Trichromacy



Original Color

51.9125, 0.3741, 0.3237

Protanomaly

51.4320, 0.3386, 0.3291

Deuteranomaly

51.9459, 0.3567, 0.3338

Tritanomaly

51.8745, 0.3716, 0.3183

Monochromacy



Original Color

51.9125, 0.3741, 0.3237

Achromatopsia

53.9479, 0.3127, 0.3290

Achromatomaly

52.7457, 0.3331, 0.3267

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.9125, 0.3741, 0.3237 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, 172, 177)` looks like.

```
.text, #text, p{  
    color:rgb(244, 172, 177)  
}
```

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, 172, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 172, 177) }
```

Border

The CSS property to change the border of an element to Yxy 51.9125, 0.3741, 0.3237 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, 172, 177) }
```

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

```
.border{ border-color:rgb(244, 172, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(244, 172, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 172, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 172, 177);  
box-shadow:4px 4px 4px 4px rgb(244, 172,  
177) }
```


Background

The CSS property to change the background color of an element to Yxy 51.9125, 0.3741, 0.3237 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(244, 172, 177) }
```

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

```
.background{ background-color: rgb(244,  
172, 177) }
```

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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