

Converting Colors

$Yxy(51.2059, 0.3754, 0.3207)$

Have a look what the booklet for
Yxy(51.2059, 0.3754, 0.3207)
contains.

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Color

Yxy(51.3363, 0.3756, 0.3216)

Conversions

Conversions Part 1

Format	Color
Hex	F5AAB1
RGB	245, 170, 177
RGB Percent	96%, 67%, 69%
CMY	0.0394, 0.3332, 0.3059
CMYK	0.00, 0.31, 0.28, 0.04
HSL	354°, 79%, 81%
HSV	354°, 31%, 96%
XYZ	59.9562, 51.3363, 48.3353
YIQ	193.2230, 42.4530, 18.0770

Conversions

Conversions Part 2

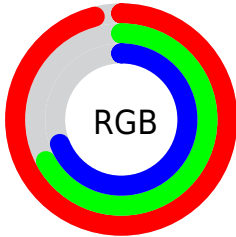
Format	Color
R _Y B	245, 170, 177
Decimal	16100017
CIE Lab	76.88, 28.46, 7.57
CIE LCh	77, 29.449, 14.902
Yxy	51.3363, 0.3756, 0.3216
Android (android.graphics.Color)	4294290097 (0xFFF5AAB1)
YUV	193.2230, -7.9979, 45.4084
Hunter-Lab	71.6494, 23.9825, 10.1570

Details

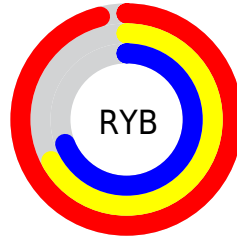
The Yxy color **51.3363, 0.3756, 0.3216** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **80.0056, 0.2721, 0.3367**, and the grayscale version is **53.4963, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.5359, 0.3285, 0.3221**, and **24.7680, 0.3923, 0.3180** is the 20% darker color. If you saturate the color by 10%, you get **42.1775, 0.4067, 0.3192**, and if you desaturate by 10%, it is **62.3554, 0.3503, 0.3241**.

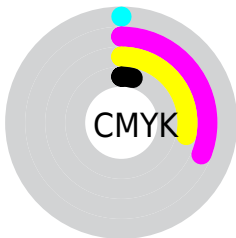
Distribution



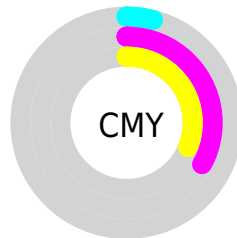
- Red (96%)
- Green (67%)
- Blue (69%)



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



- Cyan (0%)
- Magenta (31%)
- Yellow (28%)
- Black (4%)




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

Brightness & Saturation Gradients

These gradients show how the Yxy color 51.3363, 0.3756, 0.3216 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 51.3363, 0.3756, 0.3216 by changing the saturation by 10% instead.

 51.3363, 0.3756,
0.3216

 51.3363, 0.3756,
0.3216

391.8690, 0.3444,
0.3258

 36.4763, 0.3833,
0.3204


 92.1517, 0.3643,
0.3232

 24.8023, 0.3931,
0.3188


118.8759, 0.3601,
0.3238

 15.9298, 0.4060,
0.3166


150.3236, 0.3565,
0.3243

 9.4745, 0.4238,
0.3133

186.8793, 0.3534,
0.3247

 5.0520, 0.4497,
0.3079

228.9272, 0.3507,
0.3250

 2.2778, 0.4907,
0.2982

276.8519, 0.3484,

 0.7619, 0.5951,

0.3253

0.2905

331.0377, 0.3463,
0.3256

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

51.3363, 0.3756,
0.3216

51.3363, 0.3756,
0.3216

42.1775, 0.4067,
0.3192

62.3554, 0.3503,
0.3241

34.7695, 0.4441,
0.3172

75.3219, 0.3299,
0.3266

29.0027, 0.4870,
0.3159

90.3261, 0.3136,
0.3289

24.7522, 0.5328,
0.3161

98.1461, 0.3066,
0.3290

■ 21.8747, 0.5764,
0.3179

■ 20.2000, 0.6112,
0.3215

■ 19.4670, 0.6318,
0.3254

Harmonies

Analogous

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



51.3363, 0.3414, 0.2923



51.3363, 0.3756, 0.3216



51.3363, 0.3919, 0.3541

Triad

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



51.3363, 0.3756, 0.3216



51.3363, 0.3206, 0.3958



51.3363, 0.2441, 0.2721

Complementary

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



51.3363, 0.3756, 0.3216



80.0056, 0.2721, 0.3367

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.



51.3363, 0.2395, 0.2959



51.3363, 0.3756, 0.3216



51.3363, 0.2820, 0.3701

Square

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



51.3363, 0.3756, 0.3216



51.3363, 0.3586, 0.3995



51.3363, 0.2529, 0.3319



51.3363, 0.2657, 0.2643

Rectangle

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



51.3363, 0.3756, 0.3216



51.3363, 0.3900, 0.3742



51.3363, 0.2529, 0.3319



51.3363, 0.2406, 0.2783

Sweetspot

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



51.3387, 0.3756, 0.3216



84.9523, 0.3271, 0.3269



53.4350, 0.3102, 0.2514



17.6997, 0.3297, 0.3266



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.



51.3387, 0.3756, 0.3216



49.5077, 0.3951, 0.3200



63.6183, 0.3724, 0.3614



16.5075, 0.3279, 0.3268



10.4993, 0.6296, 0.3242



0.9311, 0.6074, 0.3120

Inverse Universe

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



51.3387, 0.3756, 0.3216



49.5077, 0.3951, 0.3200



63.7345, 0.2646, 0.2941



16.5075, 0.3279, 0.3268



10.4993, 0.6296, 0.3242



0.9311, 0.6074, 0.3120

Previews

White Background



This preview shows how the Yxy color 51.3363, 0.3756, 0.3216 looks on a white background.

Color Contrast Check

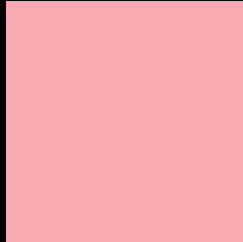
Large Text (above 18pt) WCAG AA × Fail

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 51.3363, 0.3756, 0.3216 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 51.3363, 0.3756, 0.3216

Background



This preview shows how black text looks on a background with the Yxy color 51.3363, 0.3756, 0.3216.



This preview shows how white text looks on a background with the Yxy color 51.3363, 0.3756, 0.3216.

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

51.3363, 0.3756, 0.3216

Protanopia

51.4954, 0.3176, 0.3303

Deuteranopia

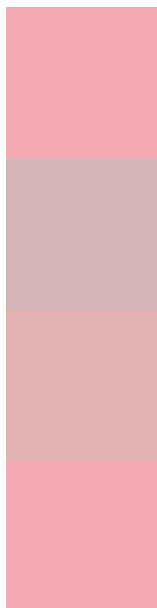
51.2583, 0.3462, 0.3387



Tritanopia

51.1658, 0.3712, 0.3150

Trichromacy



Original Color

51.3363, 0.3756, 0.3216

Protanomaly

51.0627, 0.3379, 0.3267

Deuteranomaly

50.9829, 0.3563, 0.3315

Tritanomaly

51.0837, 0.3731, 0.3172

Monochromacy



Original Color

51.3363, 0.3756, 0.3216

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

52.2828, 0.3341, 0.3267

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.3363, 0.3756, 0.3216 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(245, 170, 177)` looks like.

```
.text, #text, p{  
    color:rgb(245, 170, 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(245, 170, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 170, 177) }
```

Border

The CSS property to change the border of an element to Yxy 51.3363, 0.3756, 0.3216 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(245, 170, 177) }
```

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

```
.border{ border-color:rgb(245, 170, 177) }
```

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

Here you see how a box with a 4 pixel rgb(245, 170, 177) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 170, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 170, 177);  
box-shadow:4px 4px 4px 4px rgb(245, 170,  
177) }
```


Background

The CSS property to change the background color of an element to Yxy 51.3363, 0.3756, 0.3216 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 170, 177) }
```

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

```
.background{ background-color: rgb(245,  
170, 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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