

Converting Colors

Yxy(51.4891, 0.3796, 0.3300)

Have a look what the booklet for
Yxy(51.4891, 0.3796, 0.3300)
contains.

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Color

Yxy(51.6784, 0.3797, 0.3303)

Conversions

Conversions Part 1

Format	Color
Hex	F4ACAB
RGB	244, 172, 171
RGB Percent	96%, 67%, 67%
CMY	0.0432, 0.3254, 0.3294
CMYK	0.00, 0.29, 0.30, 0.04
HSL	1°, 77%, 81%
HSV	1°, 30%, 96%
XYZ	59.4075, 51.6784, 45.3731
YIQ	193.4140, 43.2330, 14.9530

Conversions

Conversions Part 2

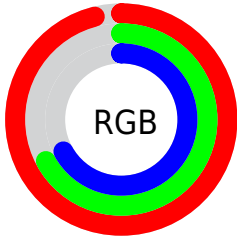
Format	Color
RYB	244, 172, 171
Decimal	16034987
CIELab	77.09, 26.26, 11.11
CIElCh	77, 28.513, 22.934
Yxy	51.6784, 0.3797, 0.3303
Android (android.graphics.Color)	4294225067 (0xFFF4ACAB)
YUV	193.4140, -11.0501, 44.3639
Hunter-Lab	71.8877, 21.7077, 12.8995

Details

The Yxy color **51.6784, 0.3797, 0.3303** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **79.2749, 0.2694, 0.3277**, and the grayscale version is **53.6333, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.2378, 0.3330, 0.3311**, and **24.9647, 0.3980, 0.3293** is the 20% darker color. If you saturate the color by 10%, you get **42.4894, 0.4135, 0.3308**, and if you desaturate by 10%, it is **62.7020, 0.3522, 0.3298**.

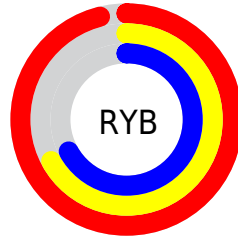
Distribution



Red (96%)

Green (67%)

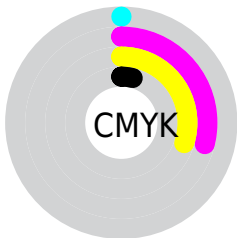
Blue (67%)



Red (96%)

Yellow (67%)

Blue (67%)

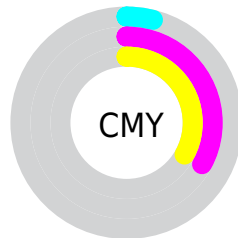


Cyan (0%)

Magenta (29%)

Yellow (30%)

Black (4%)



Cyan (4%)


Magenta (33%)


Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.6784, 0.3797, 0.3303 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 51.6784, 0.3797, 0.3303 by changing the saturation by 10% instead.


 51.6784, 0.3797,
0.3303

 51.6784, 0.3797,
0.3303


393.1938, 0.3465,
0.3304

 36.7488, 0.3879,
0.3300


 92.6568, 0.3677,
0.3305

 25.0131, 0.3983,
0.3296


119.4743, 0.3632,
0.3305

 16.0868, 0.4121,
0.3288


151.0233, 0.3593,
0.3306

 9.5856, 0.4310,
0.3273

187.6882, 0.3560,
0.3305

 5.1251, 0.4584,
0.3244

229.8533, 0.3532,
0.3305

 2.3208, 0.5015,
0.3178

277.9029, 0.3507,

 0.7847, 0.6370,

0.3305

332.2217, 0.3484,
0.3305

0.3304

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

51.6784, 0.3797,
0.3303

51.6784, 0.3797,
0.3303

42.4894, 0.4135,
0.3308

62.7020, 0.3522,
0.3298

35.0287, 0.4541,
0.3312

75.6444, 0.3302,
0.3294

29.1904, 0.5002,
0.3315

90.5934, 0.3126,
0.3290

24.8540, 0.5482,
0.3316

97.9703, 0.3060,
0.3290

■ 21.8822, 0.5918,
0.3314

■ 20.1127, 0.6233,
0.3309

■ 19.3086, 0.6393,
0.3305

■ 19.3035, 0.6394,
0.3305

Harmonies

Analogous

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



51.6784, 0.3504, 0.3005



51.6784, 0.3797, 0.3303



51.6784, 0.3897, 0.3615

Triad

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



51.6784, 0.3797, 0.3303



51.6784, 0.3101, 0.3887



51.6784, 0.2503, 0.2704

Complementary

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



51.6784, 0.3797, 0.3303



79.2749, 0.2694, 0.3277

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.



51.6784, 0.2413, 0.2895



51.6784, 0.3797, 0.3303



51.6784, 0.2743, 0.3594

Square

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



51.6784, 0.3797, 0.3303



51.6784, 0.3480, 0.3983



51.6784, 0.2497, 0.3219



51.6784, 0.2753, 0.2669

Rectangle

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



51.6784, 0.3797, 0.3303



51.6784, 0.3839, 0.3796



51.6784, 0.2497, 0.3219



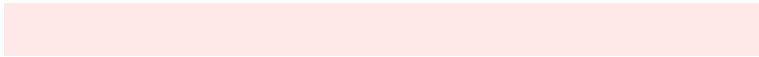
51.6784, 0.2454, 0.2751

Sweetspot

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



51.6809, 0.3797, 0.3303



85.0094, 0.3284, 0.3294



54.8882, 0.3162, 0.2545



17.7136, 0.3313, 0.3294



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.



51.6809, 0.3797, 0.3303



50.6310, 0.3998, 0.3306



67.0360, 0.3685, 0.3682



16.5192, 0.3293, 0.3294



10.5138, 0.6391, 0.3308



0.9368, 0.6365, 0.3328

Inverse Universe

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



79.2749, 0.2694, 0.3277



85.7399, 0.2618, 0.3275



60.0544, 0.2647, 0.2862



18.7161, 0.2981, 0.3286



37.6560, 0.2235, 0.3245



3.3220, 0.2236, 0.3251

Previews

White Background



This preview shows how the Yxy color 51.6784, 0.3797, 0.3303 looks on a white background.

Color Contrast Check

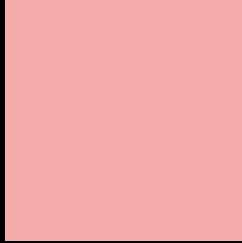
Large Text (above 18pt) WCAG AA × Fail

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 51.6784, 0.3797, 0.3303 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 51.6784, 0.3797, 0.3303

Background



This preview shows how black text looks on a background with the Yxy color 51.6784, 0.3797, 0.3303.



This preview shows how white text looks on a background with the Yxy color 51.6784, 0.3797, 0.3303.

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

51.6784, 0.3797, 0.3303

Protanopia

52.0334, 0.3255, 0.3402

Deuteranopia

51.8973, 0.3538, 0.3470



Tritanopia

51.5808, 0.3700, 0.3151

Trichromacy



Original Color

51.6784, 0.3797, 0.3303

Protanomaly

51.3374, 0.3445, 0.3363

Deuteranomaly

51.8757, 0.3629, 0.3407

Tritanomaly

51.7930, 0.3735, 0.3205

Monochromacy



Original Color

51.6784, 0.3797, 0.3303

Achromatopsia

53.3276, 0.3127, 0.3290

Achromatomaly

52.1978, 0.3357, 0.3291

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.6784, 0.3797, 0.3303 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, 171)` looks like.

```
.text, #text, p{  
    color:rgb(244, 172, 171)  
}
```

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, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(244, 172, 171) }
```

Border

The CSS property to change the border of an element to Yxy 51.6784, 0.3797, 0.3303 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, 171) }
```

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

```
.border{ border-color:rgb(244, 172, 171) }
```

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, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(244, 172, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(244, 172, 171);  
box-shadow:4px 4px 4px 4px rgb(244, 172,  
171) }
```


Background

The CSS property to change the background color of an element to Yxy 51.6784, 0.3797, 0.3303 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, 171) }
```

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

```
.background{ background-color: rgb(244,  
172, 171) }
```

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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