

Converting Colors

$Yxy(53.7071, 0.3827, 0.3278)$

Have a look what the booklet for
Yxy(53.7071, 0.3827, 0.3278)
contains.

Yxy(53.6777, 0.3828, 0.3271)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(53.6777, 0.3828, 0.3271)

Conversions

Conversions Part 1

Format	Color
Hex	FCADAF
RGB	252, 173, 175
RGB Percent	99%, 68%, 69%
CMY	0.0119, 0.3215, 0.3137
CMYK	0.00, 0.31, 0.31, 0.01
HSL	358°, 93%, 83%
HSV	358°, 31%, 99%
XYZ	62.8182, 53.6777, 47.6059
YIQ	196.8490, 46.4420, 17.3700

Conversions

Conversions Part 2

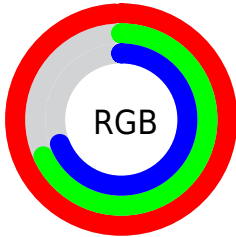
Format	Color
R _Y B	252, 173, 175
Decimal	16559535
CIE Lab	78.27, 29.18, 10.74
CIE LCh	78, 31.095, 20.212
Yxy	53.6777, 0.3828, 0.3271
Android (android.graphics.Color)	4294749615 (0xFFFCADAF)
YUV	196.8490, -10.7716, 48.3674
Hunter-Lab	73.2651, 24.8337, 12.7603

Details

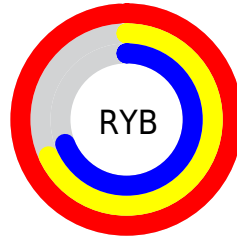
The Yxy color **53.6777, 0.3828, 0.3271** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **85.3908, 0.2686, 0.3310**, and the grayscale version is **55.7854, 0.3127, 0.3290**.

A 20% lighter version of the original color is **83.0118, 0.3302, 0.3281**, and **26.3323, 0.4018, 0.3252** is the 20% darker color. If you saturate the color by 10%, you get **44.0306, 0.4171, 0.3265**, and if you desaturate by 10%, it is **65.3277, 0.3549, 0.3277**.

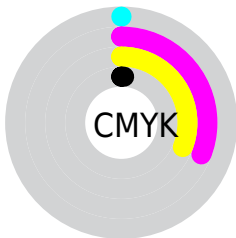
Distribution



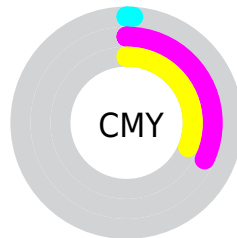
- Red (99%)
- Green (68%)
- Blue (69%)



- Red (99%)
- Yellow (68%)
- Blue (69%)



- Cyan (0%)
- Magenta (31%)
- Yellow (31%)
- Black (1%)




- Cyan (1%)
- Magenta (32%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 53.6777, 0.3828, 0.3271 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 53.6777, 0.3828, 0.3271 by changing the saturation by 10% instead.


 53.6777, 0.3828,
0.3271

 53.6777, 0.3828,
0.3271


400.8798, 0.3483,
0.3288

 38.3440, 0.3912,
0.3265

 95.6009, 0.3704,
0.3279

 26.2498, 0.4020,
0.3255


122.9591, 0.3657,
0.3281

 17.0106, 0.4160,
0.3241


155.0944, 0.3617,
0.3283

 10.2421, 0.4352,
0.3218

192.3911, 0.3582,
0.3285

 5.5598, 0.4628,
0.3177

235.2336, 0.3553,
0.3286

 2.5793, 0.5056,
0.3097

284.0063, 0.3526,

 0.9163, 0.6105,

0.3287

0.3070

339.0936, 0.3503,
0.3288

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

53.6777, 0.3828,
0.3271

53.6777, 0.3828,
0.3271

44.0306, 0.4171,
0.3265

65.3277, 0.3549,
0.3277

36.2664, 0.4580,
0.3261

79.0763, 0.3326,
0.3283

30.2645, 0.5042,
0.3260

95.0225, 0.3148,
0.3289

25.8869, 0.5520,
0.3263

99.4300, 0.3108,
0.3290

■ 22.9753, 0.5947,
0.3270

■ 21.3396, 0.6248,
0.3282

■ 20.7038, 0.6383,
0.3290

Harmonies

Analogous

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



53.6777, 0.3497, 0.2958



53.6777, 0.3828, 0.3271



53.6777, 0.3956, 0.3606

Triad

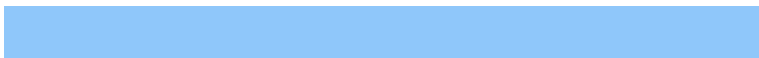
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



53.6777, 0.3828, 0.3271



53.6777, 0.3134, 0.3955



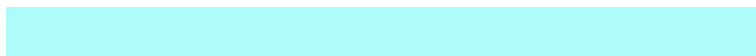
53.6777, 0.2442, 0.2672

Complementary

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



53.6777, 0.3828, 0.3271



85.3908, 0.2686, 0.3310

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.



53.6777, 0.2362, 0.2890



53.6777, 0.3828, 0.3271



53.6777, 0.2745, 0.3653

Square

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



53.6777, 0.3828, 0.3271



53.6777, 0.3539, 0.4035



53.6777, 0.2468, 0.3247



53.6777, 0.2694, 0.2621

Rectangle

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



53.6777, 0.3828, 0.3271



53.6777, 0.3907, 0.3807



53.6777, 0.2468, 0.3247



53.6777, 0.2395, 0.2727

Sweetspot

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



53.6803, 0.3828, 0.3271



84.8632, 0.3281, 0.3285



57.1237, 0.3143, 0.2504



17.6780, 0.3309, 0.3284



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.



53.6803, 0.3828, 0.3271



48.3044, 0.4050, 0.3267



69.7341, 0.3726, 0.3676



17.2323, 0.3290, 0.3285



10.7908, 0.6375, 0.3286



1.0018, 0.6312, 0.3251

Inverse Universe

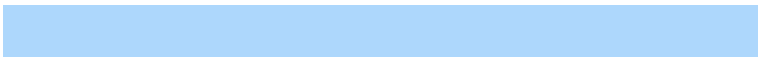
The Inverse Universe completely reimagines the original color for something new.



53.6803, 0.3828, 0.3271



48.3044, 0.4050, 0.3267



64.5789, 0.2627, 0.2868



17.2323, 0.3290, 0.3285



10.7908, 0.6375, 0.3286



1.0018, 0.6312, 0.3251

Previews

White Background



This preview shows how the Yxy color 53.6777, 0.3828, 0.3271 looks on a white background.

Color Contrast Check

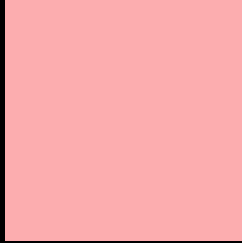
Large Text (above 18pt) WCAG AA × Fail

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 53.6777, 0.3828, 0.3271 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 53.6777, 0.3828, 0.3271

Background



This preview shows how black text looks on a background with the Yxy color 53.6777, 0.3828, 0.3271.



This preview shows how white text looks on a background with the Yxy color 53.6777, 0.3828, 0.3271.

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

53.6777, 0.3828, 0.3271

Protanopia

53.8272, 0.3229, 0.3376

Deuteranopia

53.8914, 0.3540, 0.3467



Tritanopia

53.8905, 0.3747, 0.3155

Trichromacy



Original Color

53.6777, 0.3828, 0.3271



Protanomaly

53.4006, 0.3433, 0.3338



Deuteranomaly

53.6288, 0.3642, 0.3394



Tritanomaly

53.7239, 0.3784, 0.3197

Monochromacy



Original Color

53.6777, 0.3828, 0.3271



Achromatopsia

55.8340, 0.3127, 0.3290



Achromatomaly

54.3923, 0.3363, 0.3279

CSS Examples

Text

The CSS property to change the color of the text to Yxy 53.6777, 0.3828, 0.3271 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(252, 173, 175)` looks like.

```
.text, #text, p{  
    color:rgb(252, 173, 175)  
}
```

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(252, 173, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(252, 173, 175) }
```

Border

The CSS property to change the border of an element to Yxy 53.6777, 0.3828, 0.3271 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(252, 173, 175) }
```

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

```
.border{ border-color:rgb(252, 173, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(252, 173, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(252, 173, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(252, 173, 175);  
box-shadow:4px 4px 4px 4px rgb(252, 173,  
175) }
```


Background

The CSS property to change the background color of an element to Yxy 53.6777, 0.3828, 0.3271 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(252, 173, 175) }
```

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

```
.background{ background-color: rgb(252,  
173, 175) }
```

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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