

Converting Colors

Yxy(56.9106, 0.3849, 0.3405)

Have a look what the booklet for
Yxy(56.9106, 0.3849, 0.3405)
contains.

Yxy(56.8707, 0.3847, 0.3398)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(56.8707, 0.3847, 0.3398)

Conversions

Conversions Part 1

Format	Color
Hex	FDB5AB
RGB	253, 181, 171
RGB Percent	99%, 71%, 67%
CMY	0.0078, 0.2902, 0.3294
CMYK	0.00, 0.28, 0.32, 0.01
HSL	7°, 95%, 83%
HSV	7°, 32%, 99%
XYZ	64.3854, 56.8707, 46.1091
YIQ	201.3880, 46.1220, 12.1540

Conversions

Conversions Part 2

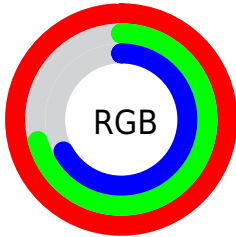
Format	Color
R _Y B	253, 182, 171
Decimal	16627115
CIE Lab	80.11, 24.87, 15.51
CIE LCh	80, 29.311, 31.953
Yxy	56.8707, 0.3847, 0.3398
Android (android.graphics.Color)	4294817195 (0xFFFD5AB)
YUV	201.3880, -14.9813, 45.2637
Hunter-Lab	75.4127, 20.4266, 16.5375

Details

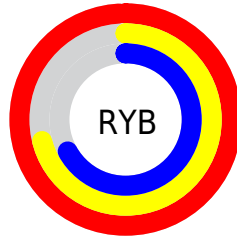
The Yxy color **56.8707, 0.3847, 0.3398** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **79.8553, 0.2650, 0.3178**, and the grayscale version is **58.7370, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.3194, 0.3319, 0.3399**, and **28.3724, 0.4038, 0.3415** is the 20% darker color. If you saturate the color by 10%, you get **47.6738, 0.4178, 0.3432**, and if you desaturate by 10%, it is **67.6980, 0.3573, 0.3363**.

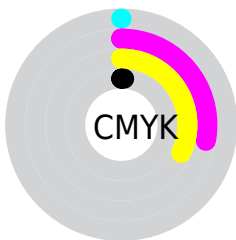
Distribution



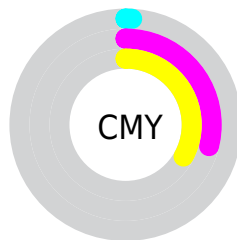
- Red (99%)
- Green (71%)
- Blue (67%)



- Red (99%)
- Yellow (71%)
- Blue (67%)



- Cyan (0%)
- Magenta (28%)
- Yellow (32%)
- Black (1%)




- Cyan (1%)
- Magenta (29%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.8707, 0.3847, 0.3398 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 56.8707, 0.3847, 0.3398 by changing the saturation by 10% instead.


 56.8707, 0.3847,
0.3398

 56.8707, 0.3847,
0.3398

412.9646, 0.3495,
0.3356

 40.9014, 0.3932,
0.3405


 100.2765, 0.3721,
0.3385

 28.2421, 0.4039,
0.3413


128.4818, 0.3673,
0.3380

 18.5082, 0.4179,
0.3420


161.5346, 0.3633,
0.3374

 11.3155, 0.4367,
0.3425

199.8193, 0.3598,
0.3370

 6.2794, 0.4634,
0.3423

243.7202, 0.3567,
0.3366

 3.0157, 0.5037,
0.3397

293.6219, 0.3540,

 1.1400, 0.6076,

0.3362

0.3512

349.9085, 0.3517,
0.3359

0.0118, 0.9812,
0.0188

0.0000, 0.0000,
0.0000

56.8707, 0.3847,
0.3398

56.8707, 0.3847,
0.3398

47.6738, 0.4178,
0.3432

67.6980, 0.3573,
0.3363

40.0205, 0.4566,
0.3460

80.2210, 0.3348,
0.3329

33.8283, 0.5000,
0.3477

94.5111, 0.3166,
0.3297

29.0036, 0.5449,
0.3477

99.6249, 0.3115,
0.3290

■ 25.4418, 0.5859,
0.3453

■ 23.0231, 0.6168,
0.3407

■ 21.8579, 0.6316,
0.3367

Harmonies

Analogous

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



56.8707, 0.3605, 0.3090



56.8707, 0.3847, 0.3398



56.8707, 0.3879, 0.3700

Triad

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



56.8707, 0.3847, 0.3398



56.8707, 0.2987, 0.3813



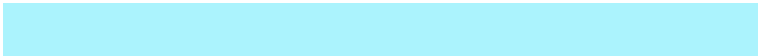
56.8707, 0.2565, 0.2680

Complementary

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



56.8707, 0.3847, 0.3398



79.8553, 0.2650, 0.3178

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.



56.8707, 0.2425, 0.2824



56.8707, 0.3847, 0.3398



56.8707, 0.2656, 0.3483

Square

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



56.8707, 0.3847, 0.3398



56.8707, 0.3369, 0.3974



56.8707, 0.2456, 0.3112



56.8707, 0.2855, 0.2690

Rectangle

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



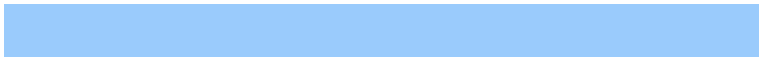
56.8707, 0.3847, 0.3398



56.8707, 0.3780, 0.3861



56.8707, 0.2456, 0.3112



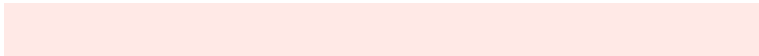
56.8707, 0.2500, 0.2710

Sweetspot

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



56.8734, 0.3847, 0.3398



85.0028, 0.3301, 0.3321



56.5072, 0.3240, 0.2567



17.7745, 0.3328, 0.3326



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.



56.8734, 0.3847, 0.3398



51.5332, 0.4059, 0.3421



75.8408, 0.3712, 0.3811



18.3439, 0.3291, 0.3320



11.7348, 0.6299, 0.3381



1.2505, 0.6132, 0.3513

Inverse Universe

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



79.8553, 0.2650, 0.3178



78.2652, 0.2565, 0.3152



58.1959, 0.2591, 0.2705



20.0808, 0.2980, 0.3260



31.7479, 0.2139, 0.2899



3.1930, 0.2152, 0.2948

Previews

White Background



This preview shows how the Yxy color 56.8707, 0.3847, 0.3398 looks on a white background.

Color Contrast Check

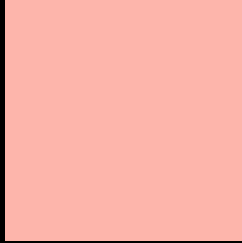
Large Text (above 18pt) WCAG AA × Fail

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 56.8707, 0.3847, 0.3398 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

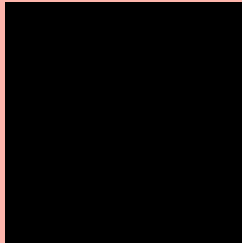
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 56.8707, 0.3847, 0.3398

Background



This preview shows how black text looks on a background with the Yxy color 56.8707, 0.3847, 0.3398.



This preview shows how white text looks on a background with the Yxy color 56.8707, 0.3847, 0.3398.

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

56.8707, 0.3847, 0.3398

Protanopia

56.9489, 0.3335, 0.3506

Deuteranopia

57.2219, 0.3621, 0.3553



Tritanopia

56.9066, 0.3685, 0.3145

Trichromacy



Original Color

56.8707, 0.3847, 0.3398

Protanomaly

56.7209, 0.3513, 0.3464

Deuteranomaly

57.0459, 0.3703, 0.3491

Tritanomaly

56.7717, 0.3746, 0.3239

Monochromacy



Original Color

56.8707, 0.3847, 0.3398

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

57.5169, 0.3371, 0.3337

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.8707, 0.3847, 0.3398 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(253, 181, 171)` looks like.

```
.text, #text, p{  
    color:rgb(253, 181, 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(253, 181, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(253, 181, 171) }
```

Border

The CSS property to change the border of an element to Yxy 56.8707, 0.3847, 0.3398 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(253, 181, 171) }
```

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

```
.border{ border-color:rgb(253, 181, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(253, 181, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(253, 181, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(253, 181, 171);  
box-shadow:4px 4px 4px 4px rgb(253, 181,  
171) }
```


Background

The CSS property to change the background color of an element to Yxy 56.8707, 0.3847, 0.3398 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(253, 181, 171) }
```

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

```
.background{ background-color: rgb(253,  
181, 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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor