

Converting Colors

$Y_{xy}(63.9290, 0.4182, 0.3364)$

Have a look what the booklet for
Yxy(63.9290, 0.4182, 0.3364)
contains.

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Color

Yxy(56.4405, 0.3871, 0.3376)

Conversions

Conversions Part 1

Format	Color
Hex	FFB3AB
RGB	255, 179, 171
RGB Percent	100%, 70%, 67%
CMY	0.0000, 0.2980, 0.3293
CMYK	0.00, 0.30, 0.33, 0.00
HSL	6°, 100%, 84%
HSV	6°, 33%, 100%
XYZ	64.7160, 56.4405, 46.0251
YIQ	200.8120, 47.8640, 13.6240

Conversions

Conversions Part 2

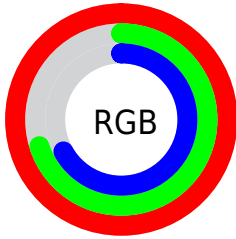
Format	Color
R _Y B	255, 180, 171
Decimal	16757675
CIE Lab	79.86, 26.67, 15.18
CIE LCh	80, 30.687, 29.658
Yxy	56.4405, 0.3871, 0.3376
Android (android.graphics.Color)	4294947755 (0xFFFFB3AB)
YUV	200.8120, -14.6973, 47.5229
Hunter-Lab	75.1269, 22.2918, 16.2659

Details

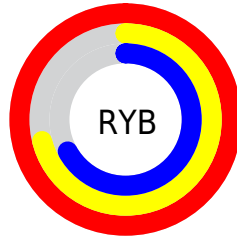
The Yxy color **56.4405, 0.3871, 0.3376** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **82.4213, 0.2646, 0.3201**, and the grayscale version is **58.3573, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.1676, 0.3321, 0.3380**, and **27.9894, 0.4061, 0.3387** is the 20% darker color. If you saturate the color by 10%, you get **47.0704, 0.4211, 0.3402**, and if you desaturate by 10%, it is **67.5475, 0.3589, 0.3349**.

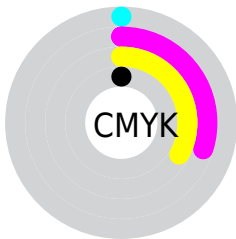
Distribution



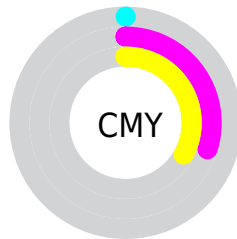
- Red (100%)
- Green (70%)
- Blue (67%)



- Red (100%)
- Yellow (71%)
- Blue (67%)



- Cyan (0%)
- Magenta (30%)
- Yellow (33%)
- Black (0%)




- Cyan (0%)
- Magenta (30%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.4405, 0.3871, 0.3376 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 56.4405, 0.3871, 0.3376 by changing the saturation by 10% instead.


 56.4405, 0.3871,
0.3376

 56.4405, 0.3871,
0.3376


411.3495, 0.3507,
0.3345

 40.5562, 0.3959,
0.3381


 99.6483, 0.3741,
0.3367

 27.9725, 0.4070,
0.3385


127.7407, 0.3691,
0.3363

 18.3049, 0.4215,
0.3387


160.6712, 0.3649,
0.3359

 11.1691, 0.4410,
0.3386

198.8242, 0.3613,
0.3356

 6.1807, 0.4688,
0.3374

242.5841, 0.3581,
0.3353

 2.9553, 0.5108,
0.3334

292.3354, 0.3554,

 1.1084, 0.6186,

0.3350

0.3420

348.4624, 0.3529,
0.3347

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

56.4405, 0.3871,
0.3376

56.4405, 0.3871,
0.3376

47.0704, 0.4211,
0.3402

67.5475, 0.3589,
0.3349

39.3478, 0.4611,
0.3424

80.4715, 0.3360,
0.3322

33.1776, 0.5058,
0.3436

95.2894, 0.3175,
0.3297

28.4546, 0.5514,
0.3434

100.0000, 0.3127,
0.3290

■ 25.0601, 0.5923,
0.3412

■ 22.8566, 0.6218,
0.3374

■ 21.9216, 0.6344,
0.3345

Harmonies

Analogous

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



56.4405, 0.3603, 0.3057



56.4405, 0.3871, 0.3376



56.4405, 0.3922, 0.3695

Triad

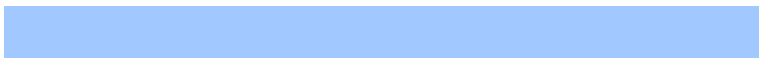
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



56.4405, 0.3871, 0.3376



56.4405, 0.3009, 0.3862



56.4405, 0.2522, 0.2657

Complementary

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



56.4405, 0.3871, 0.3376



82.4213, 0.2646, 0.3201

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.



56.4405, 0.2389, 0.2818



56.4405, 0.3871, 0.3376



56.4405, 0.2656, 0.3522

Square

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



56.4405, 0.3871, 0.3376



56.4405, 0.3409, 0.4013



56.4405, 0.2435, 0.3129



56.4405, 0.2813, 0.2656

Rectangle

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



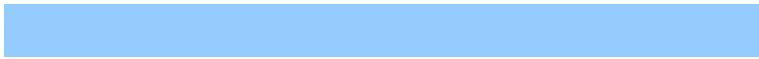
56.4405, 0.3871, 0.3376



56.4405, 0.3828, 0.3871



56.4405, 0.2435, 0.3129



56.4405, 0.2458, 0.2693

Sweetspot

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



56.4410, 0.3871, 0.3376



84.6134, 0.3302, 0.3314



57.1742, 0.3220, 0.2531



17.6811, 0.3329, 0.3318



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.



56.4410, 0.3871, 0.3376



49.6411, 0.4105, 0.3395



75.3941, 0.3732, 0.3793



18.2642, 0.3292, 0.3313



11.5463, 0.6329, 0.3357



1.2130, 0.6188, 0.3469

Inverse Universe

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



82.4213, 0.2646, 0.3201



79.4905, 0.2557, 0.3180



60.0319, 0.2586, 0.2727



20.1692, 0.2980, 0.3267



33.6976, 0.2164, 0.2989



3.3632, 0.2174, 0.3026

Previews

White Background



This preview shows how the Yxy color 56.4405, 0.3871, 0.3376 looks on a white background.

Color Contrast Check

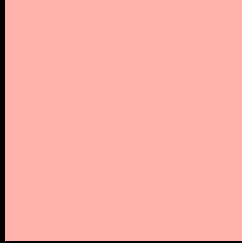
Large Text (above 18pt) WCAG AA × Fail

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 56.4405, 0.3871, 0.3376 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 56.4405, 0.3871, 0.3376

Background



This preview shows how black text looks on a background with the Yxy color 56.4405, 0.3871, 0.3376.



This preview shows how white text looks on a background with the Yxy color 56.4405, 0.3871, 0.3376.

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

56.4405, 0.3871, 0.3376

Protanopia

56.8462, 0.3319, 0.3494

Deuteranopia

56.6202, 0.3616, 0.3543



Tritanopia

56.4220, 0.3706, 0.3156

Trichromacy



Original Color

56.4405, 0.3871, 0.3376



Protanomaly

56.2832, 0.3515, 0.3452



Deuteranomaly

56.6201, 0.3706, 0.3480



Tritanomaly

56.5197, 0.3766, 0.3239

Monochromacy



Original Color

56.4405, 0.3871, 0.3376



Achromatopsia

58.4078, 0.3127, 0.3290



Achromatomaly

57.2298, 0.3381, 0.3325

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.4405, 0.3871, 0.3376 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(255, 179, 171)` looks like.

```
.text, #text, p{  
    color:rgb(255, 179, 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(255, 179, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 179, 171) }
```

Border

The CSS property to change the border of an element to Yxy 56.4405, 0.3871, 0.3376 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(255, 179, 171) }
```

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

```
.border{ border-color:rgb(255, 179, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 179, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 179, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 179, 171);  
box-shadow:4px 4px 4px 4px rgb(255, 179,  
171) }
```


Background

The CSS property to change the background color of an element to Yxy 56.4405, 0.3871, 0.3376 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 179, 171) }
```

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

```
.background{ background-color: rgb(255,  
179, 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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