

Converting Colors

$Y_{xy}(63.0728, 0.4070, 0.3457)$

Have a look what the booklet for
Yxy(63.0728, 0.4070, 0.3457)
contains.

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Color

Yxy(58.7851, 0.3876, 0.3471)

Conversions

Conversions Part 1

Format	Color
Hex	FFB9A8
RGB	255, 185, 168
RGB Percent	100%, 73%, 66%
CMY	0.0002, 0.2744, 0.3412
CMYK	0.00, 0.27, 0.34, 0.00
HSL	12°, 100%, 83%
HSV	12°, 34%, 100%
XYZ	65.6442, 58.7851, 44.9314
YIQ	203.9920, 47.1770, 9.5530

Conversions

Conversions Part 2

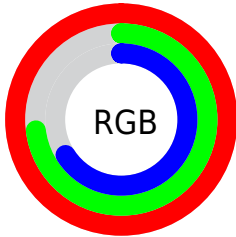
Format	Color
R _Y B	255, 189, 168
Decimal	16759208
CIE Lab	81.17, 23.12, 18.64
CIE LCh	81, 29.695, 38.883
Yxy	58.7851, 0.3876, 0.3471
Android (android.graphics.Color)	4294949288 (0xFFFFB9A8)
YUV	203.9920, -17.7441, 44.7340
Hunter-Lab	76.6714, 18.6523, 18.9246

Details

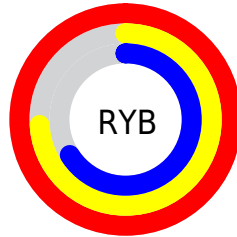
The Yxy color **58.7851, 0.3876, 0.3471** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **76.6477, 0.2618, 0.3099**, and the grayscale version is **60.4708, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.4983, 0.3333, 0.3468**, and **29.6338, 0.4075, 0.3507** is the 20% darker color. If you saturate the color by 10%, you get **49.9587, 0.4198, 0.3524**, and if you desaturate by 10%, it is **69.0404, 0.3605, 0.3416**.

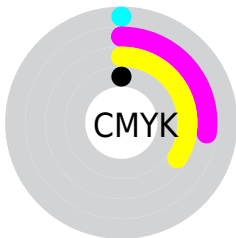
Distribution



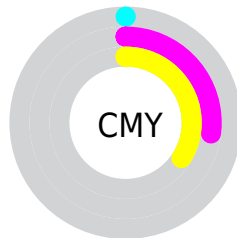
- Red (100%)
- Green (73%)
- Blue (66%)



- Red (100%)
- Yellow (74%)
- Blue (66%)



- Cyan (0%)
- Magenta (27%)
- Yellow (34%)
- Black (0%)





- Cyan (0%)
- Magenta (27%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 58.7851, 0.3876, 0.3471 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 58.7851, 0.3876, 0.3471 by changing the saturation by 10% instead.

 58.7851, 0.3876,
0.3471


 58.7851, 0.3876,
0.3471


420.1051, 0.3512,
0.3395

 42.4401, 0.3963,
0.3486


 103.0653, 0.3747,
0.3447

 29.4461, 0.4072,
0.3503


 131.7693, 0.3697,
0.3437

 19.4185, 0.4214,
0.3521


165.3617, 0.3655,
0.3428

 11.9731, 0.4404,
0.3541

204.2271, 0.3619,
0.3420

 6.7254, 0.4670,
0.3557

248.7497, 0.3587,
0.3413

 3.2909, 0.5064,
0.3556

299.3140, 0.3559,

 1.2854, 0.6121,

0.3406

0.3752

356.3043, 0.3534,
0.3400

0.1299, 0.8411,
0.1589

0.0000, 0.0000,
0.0000

58.7851, 0.3876,
0.3471

58.7851, 0.3876,
0.3471

49.9587, 0.4198,
0.3524

69.0404, 0.3605,
0.3416

42.4891, 0.4570,
0.3569

80.7759, 0.3380,
0.3361

36.3107, 0.4980,
0.3596

94.0503, 0.3194,
0.3310

31.3488, 0.5401,
0.3598

99.9914, 0.3127,
0.3290

■ 27.5206, 0.5786,
0.3565

■ 24.7324, 0.6085,
0.3497

■ 23.5264, 0.6212,
0.3450

Harmonies

Analogous

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



58.7851, 0.3678, 0.3158



58.7851, 0.3876, 0.3471



58.7851, 0.3857, 0.3762

Triad

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



58.7851, 0.3876, 0.3471



58.7851, 0.2902, 0.3749



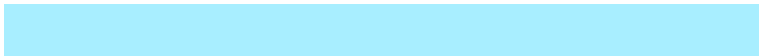
58.7851, 0.2620, 0.2667

Complementary

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



58.7851, 0.3876, 0.3471



76.6477, 0.2618, 0.3099

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.



58.7851, 0.2441, 0.2776



58.7851, 0.3876, 0.3471



58.7851, 0.2596, 0.3395

Square

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



58.7851, 0.3876, 0.3471



58.7851, 0.3282, 0.3958



58.7851, 0.2432, 0.3034



58.7851, 0.2937, 0.2712

Rectangle

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



58.7851, 0.3876, 0.3471



58.7851, 0.3727, 0.3905



58.7851, 0.2432, 0.3034



58.7851, 0.2542, 0.2686

Sweetspot

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



58.7879, 0.3876, 0.3471



86.0723, 0.3299, 0.3340



55.4890, 0.3294, 0.2582



18.0311, 0.3326, 0.3347



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.



58.7879, 0.3876, 0.3471



52.5737, 0.4092, 0.3508



79.2459, 0.3729, 0.3895



18.5627, 0.3290, 0.3337



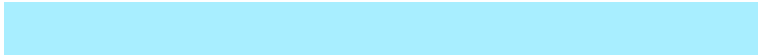
12.4603, 0.6187, 0.3469



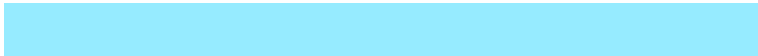
1.3565, 0.5984, 0.3631

Inverse Universe

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



76.6477, 0.2618, 0.3099



72.8924, 0.2526, 0.3054



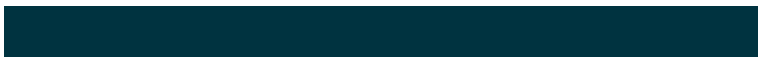
54.8121, 0.2552, 0.2598



19.8413, 0.2980, 0.3242



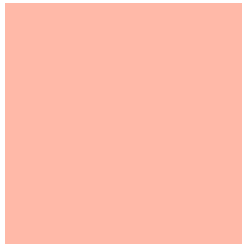
26.8170, 0.2069, 0.2648



2.7583, 0.2092, 0.2729

Previews

White Background



This preview shows how the Yxy color 58.7851, 0.3876, 0.3471 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 58.7851, 0.3876, 0.3471 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

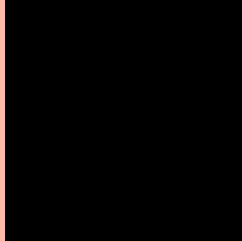
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 58.7851, 0.3876, 0.3471

Background



This preview shows how black text looks on a background with the Yxy color 58.7851, 0.3876, 0.3471.



This preview shows how white text looks on a background with the Yxy color 58.7851, 0.3876, 0.3471.

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

58.7851, 0.3876, 0.3471

Protanopia

58.9049, 0.3401, 0.3586

Deuteranopia

58.8292, 0.3683, 0.3605



Tritanopia

58.6560, 0.3649, 0.3156

Trichromacy



Original Color

58.7851, 0.3876, 0.3471

Protanomaly

58.5413, 0.3572, 0.3541

Deuteranomaly

58.9289, 0.3753, 0.3554

Tritanomaly

58.6298, 0.3734, 0.3271

Monochromacy



Original Color

58.7851, 0.3876, 0.3471

Achromatopsia

60.3827, 0.3127, 0.3290

Achromatomaly

59.3821, 0.3383, 0.3359

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.7851, 0.3876, 0.3471 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, 185, 168)` looks like.

```
.text, #text, p{  
    color:rgb(255, 185, 168)  
}
```

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, 185, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 185, 168) }
```

Border

The CSS property to change the border of an element to Yxy 58.7851, 0.3876, 0.3471 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, 185, 168) }
```

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

```
.border{ border-color:rgb(255, 185, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 185, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 185, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 185, 168);  
box-shadow:4px 4px 4px 4px rgb(255, 185,  
168) }
```


Background

The CSS property to change the background color of an element to Yxy 58.7851, 0.3876, 0.3471 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 185, 168) }
```

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

```
.background{ background-color: rgb(255,  
185, 168) }
```

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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