

Converting Colors

$Y_{xy}(65.8530, 0.4128, 0.3426)$

Have a look what the booklet for
Yxy(65.8530, 0.4128, 0.3426)
contains.

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Color

Yxy(58.8982, 0.3850, 0.3439)

Conversions

Conversions Part 1

Format	Color
Hex	FFB9AB
RGB	255, 185, 171
RGB Percent	100%, 73%, 67%
CMY	0.0001, 0.2745, 0.3293
CMYK	0.00, 0.27, 0.33, 0.00
HSL	10°, 100%, 84%
HSV	10°, 33%, 100%
XYZ	65.9372, 58.8982, 46.4301
YIQ	204.3340, 46.2140, 10.4860

Conversions

Conversions Part 2

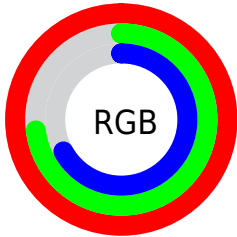
Format	Color
R _Y B	255, 188, 171
Decimal	16759211
CIE Lab	81.24, 23.50, 17.11
CIE LCh	81, 29.073, 36.054
Yxy	58.8982, 0.3850, 0.3439
Android (android.graphics.Color)	4294949291 (0xFFFFB9AB)
YUV	204.3340, -16.4337, 44.4341
Hunter-Lab	76.7452, 19.0580, 17.8517

Details

The Yxy color **58.8982, 0.3850, 0.3439** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **78.7863, 0.2637, 0.3134**, and the grayscale version is **60.6920, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.6616, 0.3314, 0.3438**, and **29.7048, 0.4039, 0.3467** is the 20% darker color. If you saturate the color by 10%, you get **49.7835, 0.4173, 0.3485**, and if you desaturate by 10%, it is **69.5348, 0.3580, 0.3392**.

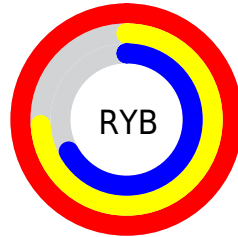
Distribution



Red (100%)

Green (73%)

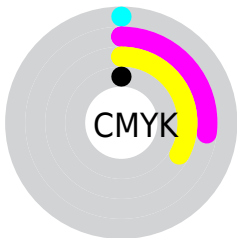
Blue (67%)



Red (100%)

Yellow (74%)

Blue (67%)

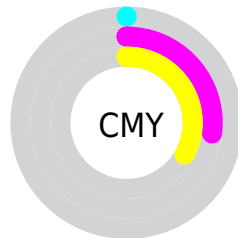


Cyan (0%)

Magenta (27%)

Yellow (33%)

Black (0%)



Cyan (0%)


Magenta (27%)


Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 58.8982, 0.3850, 0.3439 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 58.8982, 0.3850, 0.3439 by changing the saturation by 10% instead.


 58.8982, 0.3850,
0.3439

 58.8982, 0.3850,
0.3439


420.5246, 0.3499,
0.3378

 42.5312, 0.3934,
0.3451


 103.2297, 0.3725,
0.3419

 29.5174, 0.4040,
0.3464


131.9630, 0.3677,
0.3411

 19.4726, 0.4177,
0.3478


165.5871, 0.3637,
0.3404

 12.0123, 0.4361,
0.3492

204.4865, 0.3602,
0.3398

 6.7520, 0.4619,
0.3502

249.0455, 0.3571,
0.3392

 3.3075, 0.5004,
0.3494

299.6486, 0.3544,

 1.2943, 0.5942,

0.3387

0.3616

356.6802, 0.3520,
0.3382

0.1368, 0.8373,
0.1627

0.0000, 0.0000,
0.0000

58.8982, 0.3850,
0.3439

58.8982, 0.3850,
0.3439

49.7835, 0.4173,
0.3485

69.5348, 0.3580,
0.3392

42.1127, 0.4549,
0.3523

81.7500, 0.3357,
0.3346

35.8136, 0.4968,
0.3548

95.6077, 0.3174,
0.3302

30.8042, 0.5401,
0.3550

99.9974, 0.3127,
0.3290

■ 26.9936, 0.5800,
0.3521

■ 24.2785, 0.6109,
0.3463

■ 22.9483, 0.6258,
0.3413

Harmonies

Analogous

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



58.8982, 0.3638, 0.3134



58.8982, 0.3850, 0.3439



58.8982, 0.3852, 0.3729

Triad

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



58.8982, 0.3850, 0.3439



58.8982, 0.2941, 0.3766



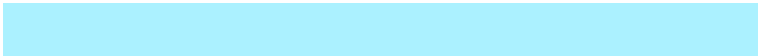
58.8982, 0.2607, 0.2684

Complementary

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



58.8982, 0.3850, 0.3439



78.7863, 0.2637, 0.3134

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.



58.8982, 0.2447, 0.2805



58.8982, 0.3850, 0.3439



58.8982, 0.2630, 0.3429

Square

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



58.8982, 0.3850, 0.3439



58.8982, 0.3314, 0.3951



58.8982, 0.2454, 0.3071



58.8982, 0.2908, 0.2713

Rectangle

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



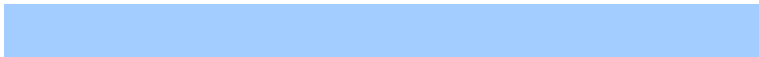
58.8982, 0.3850, 0.3439



58.8982, 0.3737, 0.3876



58.8982, 0.2454, 0.3071



58.8982, 0.2536, 0.2707

Sweetspot

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



58.9010, 0.3850, 0.3439



85.6481, 0.3300, 0.3332



56.8247, 0.3265, 0.2581



17.9293, 0.3327, 0.3339



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.



58.9010, 0.3850, 0.3439



52.3083, 0.4073, 0.3472



78.3726, 0.3715, 0.3847



18.4760, 0.3290, 0.3330



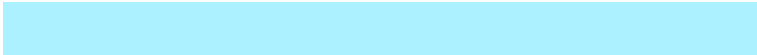
12.1348, 0.6236, 0.3430



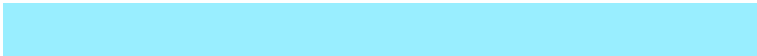
1.3124, 0.6044, 0.3583

Inverse Universe

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



78.7863, 0.2637, 0.3134



75.1431, 0.2544, 0.3095



57.3768, 0.2577, 0.2660



19.9357, 0.2980, 0.3249



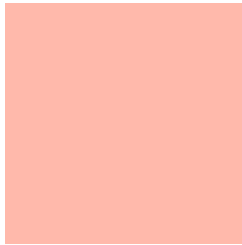
28.6999, 0.2097, 0.2749



2.9251, 0.2116, 0.2817

Previews

White Background



This preview shows how the Yxy color 58.8982, 0.3850, 0.3439 looks on a white background.

Color Contrast Check

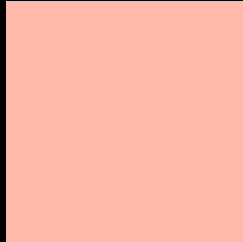
Large Text (above 18pt) WCAG AA × Fail

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 58.8982, 0.3850, 0.3439 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

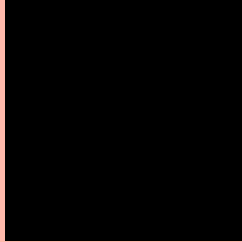
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 58.8982, 0.3850, 0.3439

Background



This preview shows how black text looks on a background with the Yxy color 58.8982, 0.3850, 0.3439.



This preview shows how white text looks on a background with the Yxy color 58.8982, 0.3850, 0.3439.

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

58.8982, 0.3850, 0.3439

Protanopia

59.3446, 0.3368, 0.3562

Deuteranopia

58.7718, 0.3650, 0.3572



Tritanopia

59.1125, 0.3638, 0.3156

Trichromacy



Original Color

58.8982, 0.3850, 0.3439

Protanomaly

58.9453, 0.3537, 0.3519

Deuteranomaly

58.8647, 0.3719, 0.3522

Tritanomaly

59.1288, 0.3714, 0.3260

Monochromacy



Original Color

58.8982, 0.3850, 0.3439

Achromatopsia

60.3827, 0.3127, 0.3290

Achromatomaly

59.4263, 0.3375, 0.3348

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.8982, 0.3850, 0.3439 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, 171)` looks like.

```
.text, #text, p{  
    color:rgb(255, 185, 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, 185, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 185, 171) }
```

Border

The CSS property to change the border of an element to Yxy 58.8982, 0.3850, 0.3439 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, 171) }
```

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

```
.border{ border-color:rgb(255, 185, 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, 185, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 185, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 185, 171);  
box-shadow:4px 4px 4px 4px rgb(255, 185,  
171) }
```


Background

The CSS property to change the background color of an element to Yxy 58.8982, 0.3850, 0.3439 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, 171) }
```

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

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