

Converting Colors

$Yxy(60.4009, 0.3935, 0.3428)$

Have a look what the booklet for
Yxy(60.4009, 0.3935, 0.3428)
contains.

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Color

Yxy(58.4813, 0.3854, 0.3429)

Conversions

Conversions Part 1

Format	Color
Hex	FFB8AB
RGB	255, 184, 171
RGB Percent	100%, 72%, 67%
CMY	0.0000, 0.2784, 0.3295
CMYK	0.00, 0.28, 0.33, 0.00
HSL	9°, 100%, 84%
HSV	9°, 33%, 100%
XYZ	65.7296, 58.4813, 46.3382
YIQ	203.7470, 46.4890, 11.0090

Conversions

Conversions Part 2

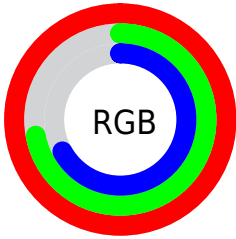
Format	Color
R _Y B	255, 186, 171
Decimal	16758955
CIE Lab	81.01, 24.03, 16.81
CIE LCh	81, 29.328, 34.980
Yxy	58.4813, 0.3854, 0.3429
Android (android.graphics.Color)	4294949035 (0xFFFFB8AB)
YUV	203.7470, -16.1443, 44.9489
Hunter-Lab	76.4731, 19.5953, 17.6049

Details

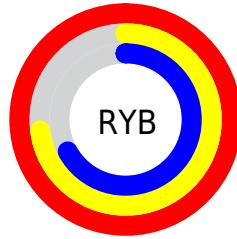
The Yxy color **58.4813, 0.3854, 0.3429** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **79.3591, 0.2638, 0.3145**, and the grayscale version is **60.2977, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.0712, 0.3315, 0.3428**, and **29.4348, 0.4045, 0.3454** is the 20% darker color. If you saturate the color by 10%, you get **49.3234, 0.4180, 0.3471**, and if you desaturate by 10%, it is **69.1947, 0.3582, 0.3385**.

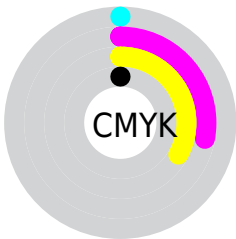
Distribution



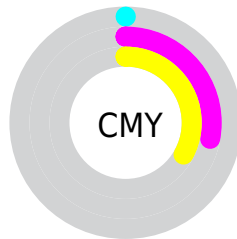
- Red (100%)
- Green (72%)
- Blue (67%)



- Red (100%)
- Yellow (73%)
- Blue (67%)



- Cyan (0%)
- Magenta (28%)
- Yellow (33%)
- Black (0%)





- Cyan (0%)
- Magenta (28%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 58.4813, 0.3854, 0.3429 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 58.4813, 0.3854, 0.3429 by changing the saturation by 10% instead.


 58.4813, 0.3854,
0.3429

 58.4813, 0.3854,
0.3429


418.9770, 0.3501,
0.3372

 42.1957, 0.3939,
0.3440


 102.6234, 0.3728,
0.3411

 29.2546, 0.4046,
0.3451


131.2487, 0.3680,
0.3404

 19.2735, 0.4184,
0.3463


164.7561, 0.3639,
0.3397

 11.8681, 0.4370,
0.3475

203.5298, 0.3604,
0.3391

 6.6539, 0.4632,
0.3481

247.9544, 0.3573,
0.3386

 3.2466, 0.5023,
0.3469

298.4142, 0.3546,

 1.2618, 0.5985,

0.3381

0.3586

355.2936, 0.3522,
0.3376

0.1113, 0.8615,
0.1385

0.0000, 0.0000,
0.0000

58.4813, 0.3854,
0.3429

58.4813, 0.3854,
0.3429

49.3234, 0.4180,
0.3471

69.1947, 0.3582,
0.3385

41.6414, 0.4560,
0.3507

81.5239, 0.3358,
0.3342

35.3597, 0.4983,
0.3530

95.5348, 0.3175,
0.3301

30.3930, 0.5420,
0.3530

100.0000, 0.3127,
0.3290

■ 26.6463, 0.5822,
0.3503

■ 24.0115, 0.6129,
0.3446

■ 22.7478, 0.6275,
0.3400

Harmonies

Analogous

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



58.4813, 0.3633, 0.3121



58.4813, 0.3854, 0.3429



58.4813, 0.3864, 0.3724

Triad

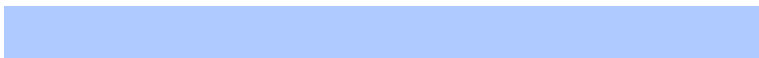
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



58.4813, 0.3854, 0.3429



58.4813, 0.2951, 0.3781



58.4813, 0.2593, 0.2679

Complementary

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



58.4813, 0.3854, 0.3429



79.3591, 0.2638, 0.3145

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.



58.4813, 0.2437, 0.2807



58.4813, 0.3854, 0.3429



58.4813, 0.2634, 0.3443

Square

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



58.4813, 0.3854, 0.3429



58.4813, 0.3329, 0.3962



58.4813, 0.2451, 0.3080



58.4813, 0.2892, 0.2704

Rectangle

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



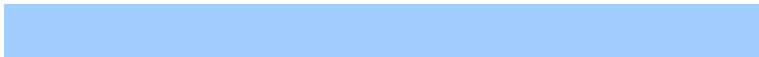
58.4813, 0.3854, 0.3429



58.4813, 0.3752, 0.3876



58.4813, 0.2451, 0.3080



58.4813, 0.2523, 0.2704

Sweetspot

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



58.4837, 0.3854, 0.3429



85.4812, 0.3300, 0.3330



56.8107, 0.3265, 0.2580



17.8892, 0.3327, 0.3335



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.



58.4837, 0.3854, 0.3429



51.8697, 0.4078, 0.3459



78.3698, 0.3715, 0.3847



18.4418, 0.3291, 0.3328



12.0206, 0.6254, 0.3416



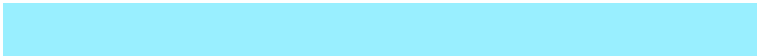
1.2963, 0.6066, 0.3565

Inverse Universe

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



79.3591, 0.2638, 0.3145



75.8295, 0.2546, 0.3109



57.3614, 0.2577, 0.2659



19.9731, 0.2980, 0.3252



29.4668, 0.2108, 0.2788



2.9928, 0.2125, 0.2851

Previews

White Background



This preview shows how the Yxy color 58.4813, 0.3854, 0.3429 looks on a white background.

Color Contrast Check

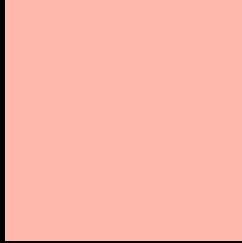
Large Text (above 18pt) WCAG AA × Fail

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 58.4813, 0.3854, 0.3429 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 58.4813, 0.3854, 0.3429

Background



This preview shows how black text looks on a background with the Yxy color 58.4813, 0.3854, 0.3429.



This preview shows how white text looks on a background with the Yxy color 58.4813, 0.3854, 0.3429.

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

58.4813, 0.3854, 0.3429

Protanopia

58.7702, 0.3354, 0.3539

Deuteranopia

58.6040, 0.3641, 0.3573



Tritanopia

58.6560, 0.3649, 0.3156

Trichromacy



Original Color

58.4813, 0.3854, 0.3429

Protanomaly

58.3733, 0.3523, 0.3496

Deuteranomaly

58.2545, 0.3714, 0.3512

Tritanomaly

58.6721, 0.3725, 0.3260

Monochromacy



Original Color

58.4813, 0.3854, 0.3429

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 58.4813, 0.3854, 0.3429 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, 184, 171)` looks like.

```
.text, #text, p{  
    color:rgb(255, 184, 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, 184, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 184, 171) }
```

Border

The CSS property to change the border of an element to Yxy 58.4813, 0.3854, 0.3429 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, 184, 171) }
```

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

```
.border{ border-color:rgb(255, 184, 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, 184, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 184, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 184, 171);  
box-shadow:4px 4px 4px 4px rgb(255, 184,  
171) }
```


Background

The CSS property to change the background color of an element to Yxy 58.4813, 0.3854, 0.3429 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 184, 171) }
```

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

```
.background{ background-color: rgb(255,  
184, 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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