

Converting Colors

Yxy(58.9365, 0.3842, 0.3429)

Have a look what the booklet for
Yxy(58.9365, 0.3842, 0.3429)
contains.

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Color

Yxy(58.9365, 0.3842, 0.3429)

Conversions

Conversions Part 1

Format	Color
Hex	FFB9AC
RGB	255, 185, 172
RGB Percent	100%, 73%, 67%
CMY	0.0000, 0.2745, 0.3256
CMYK	0.00, 0.27, 0.33, 0.00
HSL	9°, 100%, 84%
HSV	9°, 33%, 100%
XYZ	66.0350, 58.9365, 46.9051
YIQ	204.4480, 45.8930, 10.7970

Conversions

Conversions Part 2

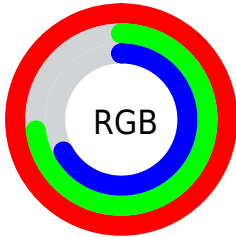
Format	Color
R _Y B	255, 187, 172
Decimal	16759212
CIE Lab	81.26, 23.63, 16.64
CIE LCh	81, 28.900, 35.143
Yxy	58.9365, 0.3842, 0.3429
Android (android.graphics.Color)	4294949292 (0xFFFFB9AC)
YUV	204.4480, -15.9969, 44.3341
Hunter-Lab	76.7701, 19.1919, 17.5140

Details

The Yxy color **58.9365, 0.3842, 0.3429** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **79.4643, 0.2643, 0.3145**, and the grayscale version is **60.7617, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.7166, 0.3308, 0.3428**, and **29.7289, 0.4028, 0.3454** is the 20% darker color. If you saturate the color by 10%, you get **49.7261, 0.4165, 0.3472**, and if you desaturate by 10%, it is **69.6962, 0.3572, 0.3384**.

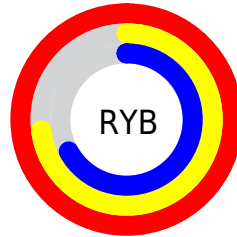
Distribution



Red (100%)

Green (73%)

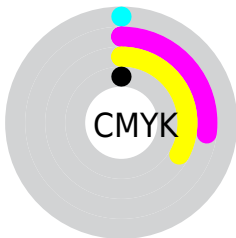
Blue (67%)



Red (100%)

Yellow (73%)

Blue (67%)

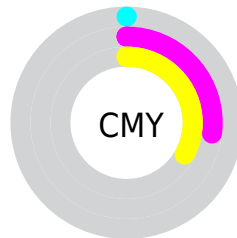


Cyan (0%)

Magenta (27%)

Yellow (33%)

Black (0%)



Cyan (0%)


Magenta (27%)


Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 58.9365, 0.3842, 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 58.9365, 0.3842, 0.3429 by changing the saturation by 10% instead.


 58.9365, 0.3842,
0.3429

 58.9365, 0.3842,
0.3429


420.6666, 0.3495,
0.3372

 42.5620, 0.3925,
0.3440


 103.2854, 0.3718,
0.3411

 29.5416, 0.4030,
0.3452


132.0285, 0.3671,
0.3403

 19.4909, 0.4165,
0.3464


165.6634, 0.3631,
0.3397

 12.0255, 0.4347,
0.3477

204.5743, 0.3596,
0.3391

 6.7611, 0.4603,
0.3484

249.1457, 0.3566,
0.3385

 3.3131, 0.4986,
0.3475

299.7619, 0.3540,

 1.2973, 0.5890,

0.3381

0.3576

356.8074, 0.3516,
0.3376

0.1391, 0.8360,
0.1640

0.0000, 0.0000,
0.0000

58.9365, 0.3842,
0.3429

58.9365, 0.3842,
0.3429

49.7261, 0.4165,
0.3472

69.6962, 0.3572,
0.3384

41.9906, 0.4543,
0.3509

82.0693, 0.3350,
0.3341

35.6537, 0.4964,
0.3532

96.1199, 0.3168,
0.3300

30.6308, 0.5401,
0.3534

100.0000, 0.3127,
0.3290

■ 26.8281, 0.5804,
0.3507

■ 24.1391, 0.6116,
0.3452

■ 22.7814, 0.6272,
0.3402

Harmonies

Analogous

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



58.9365, 0.3626, 0.3126



58.9365, 0.3842, 0.3429



58.9365, 0.3851, 0.3719

Triad

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



58.9365, 0.3842, 0.3429



58.9365, 0.2953, 0.3771



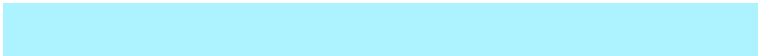
58.9365, 0.2603, 0.2689

Complementary

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



58.9365, 0.3842, 0.3429



79.4643, 0.2643, 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.



58.9365, 0.2449, 0.2814



58.9365, 0.3842, 0.3429



58.9365, 0.2640, 0.3439

Square

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



58.9365, 0.3842, 0.3429



58.9365, 0.3324, 0.3949



58.9365, 0.2461, 0.3082



58.9365, 0.2898, 0.2713

Rectangle

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



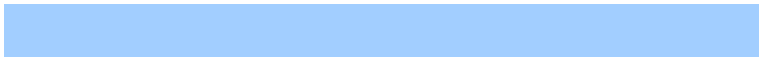
58.9365, 0.3842, 0.3429



58.9365, 0.3740, 0.3867



58.9365, 0.2461, 0.3082



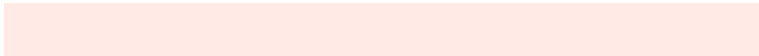
58.9365, 0.2534, 0.2713

Sweetspot

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



58.9374, 0.3842, 0.3429



85.5097, 0.3300, 0.3330



57.1940, 0.3263, 0.2588



17.8960, 0.3327, 0.3336



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.



58.9374, 0.3842, 0.3429



52.8360, 0.4044, 0.3457



78.5953, 0.3707, 0.3841



18.4476, 0.3291, 0.3328



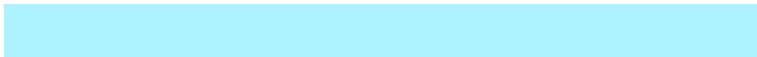
12.0395, 0.6251, 0.3419



1.2990, 0.6062, 0.3568

Inverse Universe

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



79.4643, 0.2643, 0.3145



76.1976, 0.2559, 0.3112



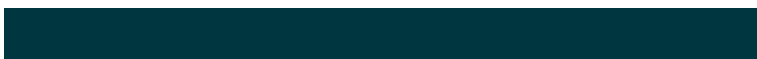
57.7713, 0.2584, 0.2668



19.9667, 0.2980, 0.3252



29.3349, 0.2106, 0.2781



2.9811, 0.2124, 0.2845

Previews

White Background



This preview shows how the Yxy color 58.9365, 0.3842, 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 58.9365, 0.3842, 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 58.9365, 0.3842, 0.3429

Background



This preview shows how black text looks on a background with the Yxy color 58.9365, 0.3842, 0.3429.

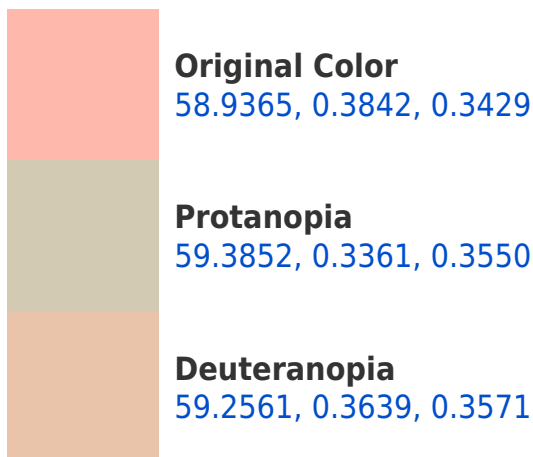


This preview shows how white text looks on a background with the Yxy color 58.9365, 0.3842, 0.3429.

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





Tritanopia

59.1125, 0.3638, 0.3156

Trichromacy



Original Color

58.9365, 0.3842, 0.3429

Protanomaly

58.9851, 0.3529, 0.3507

Deuteranomaly

58.9026, 0.3711, 0.3511

Tritanomaly

59.1288, 0.3714, 0.3260

Monochromacy



Original Color

58.9365, 0.3842, 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 58.9365, 0.3842, 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, 185, 172)` looks like.

```
.text, #text, p{  
    color:rgb(255, 185, 172)  
}
```

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, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 185, 172) }
```

Border

The CSS property to change the border of an element to Yxy 58.9365, 0.3842, 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, 185, 172) }
```

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

```
.border{ border-color:rgb(255, 185, 172) }
```

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, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 185, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 185, 172);  
box-shadow:4px 4px 4px 4px rgb(255, 185,  
172) }
```


Background

The CSS property to change the background color of an element to Yxy 58.9365, 0.3842, 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, 185, 172) }
```

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

```
.background{ background-color: rgb(255,  
185, 172) }
```

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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