

Converting Colors

Yxy(58.4369, 0.3849, 0.3422)

Have a look what the booklet for
Yxy(58.4369, 0.3849, 0.3422)
contains.

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Color

Yxy(58.5195, 0.3845, 0.3418)

Conversions

Conversions Part 1

Format	Color
Hex	FFB8AC
RGB	255, 184, 172
RGB Percent	100%, 72%, 67%
CMY	0.0000, 0.2784, 0.3254
CMYK	0.00, 0.28, 0.33, 0.00
HSL	9°, 100%, 84%
HSV	9°, 33%, 100%
XYZ	65.8302, 58.5195, 46.8601
YIQ	203.8610, 46.1680, 11.3200

Conversions

Conversions Part 2

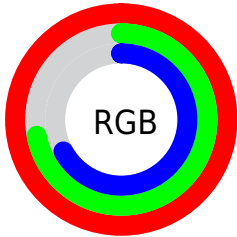
Format	Color
R _Y B	255, 186, 172
Decimal	16758956
CIE Lab	81.03, 24.16, 16.29
CIE LCh	81, 29.141, 33.980
Yxy	58.5195, 0.3845, 0.3418
Android (android.graphics.Color)	4294949036 (0xFFFFB8AC)
YUV	203.8610, -15.7075, 44.8489
Hunter-Lab	76.4980, 19.7361, 17.2296

Details

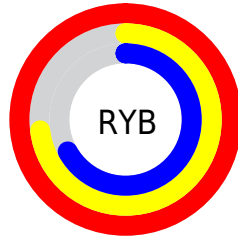
The Yxy color **58.5195, 0.3845, 0.3418** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **80.0986, 0.2645, 0.3157**, and the grayscale version is **60.3707, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.1262, 0.3309, 0.3418**, and **29.4590, 0.4033, 0.3440** is the 20% darker color. If you saturate the color by 10%, you get **49.2573, 0.4171, 0.3458**, and if you desaturate by 10%, it is **69.3692, 0.3573, 0.3377**.

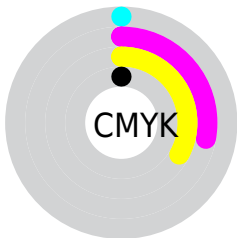
Distribution



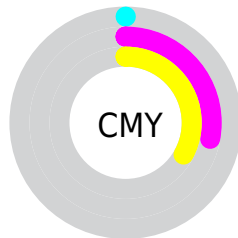
- Red (100%)
- Green (72%)
- Blue (67%)



- 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 58.5195, 0.3845, 0.3418 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 58.5195, 0.3845, 0.3418 by changing the saturation by 10% instead.


 58.5195, 0.3845,
0.3418

 58.5195, 0.3845,
0.3418


419.1189, 0.3496,
0.3366

 42.2264, 0.3929,
0.3427

 102.6790, 0.3721,
0.3402

 29.2786, 0.4034,
0.3438


131.3142, 0.3673,
0.3395

 19.2917, 0.4171,
0.3449


164.8323, 0.3633,
0.3389

 11.8812, 0.4355,
0.3458

203.6175, 0.3598,
0.3383

 6.6629, 0.4614,
0.3462

248.0545, 0.3568,
0.3379

 3.2522, 0.5002,
0.3447

298.5274, 0.3541,

 1.2648, 0.5925,

0.3374

0.3541

355.4208, 0.3517,
0.3370

0.1137, 0.8599,
0.1401

0.0000, 0.0000,
0.0000

58.5195, 0.3845,
0.3418

58.5195, 0.3845,
0.3418

49.2573, 0.4171,
0.3458

69.3692, 0.3573,
0.3377

41.5052, 0.4553,
0.3491

81.8731, 0.3350,
0.3337

35.1833, 0.4979,
0.3512

96.0978, 0.3168,
0.3299

30.2035, 0.5420,
0.3513

100.0000, 0.3127,
0.3290

■ 26.4674, 0.5826,
0.3487

■ 23.8631, 0.6137,
0.3435

■ 22.5734, 0.6289,
0.3388

Harmonies

Analogous

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



58.5195, 0.3619, 0.3113



58.5195, 0.3845, 0.3418



58.5195, 0.3862, 0.3712

Triad

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



58.5195, 0.3845, 0.3418



58.5195, 0.2965, 0.3787



58.5195, 0.2589, 0.2684

Complementary

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



58.5195, 0.3845, 0.3418



80.0986, 0.2645, 0.3157

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.



58.5195, 0.2439, 0.2817



58.5195, 0.3845, 0.3418



58.5195, 0.2645, 0.3455

Square

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



58.5195, 0.3845, 0.3418



58.5195, 0.3341, 0.3960



58.5195, 0.2459, 0.3092



58.5195, 0.2882, 0.2704

Rectangle

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



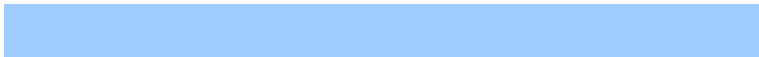
58.5195, 0.3845, 0.3418



58.5195, 0.3755, 0.3866



58.5195, 0.2459, 0.3092



58.5195, 0.2521, 0.2711

Sweetspot

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



58.5205, 0.3845, 0.3418



85.3274, 0.3300, 0.3327



57.2968, 0.3252, 0.2576



17.8523, 0.3328, 0.3332



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.



58.5205, 0.3845, 0.3418



52.3641, 0.4049, 0.3444



77.8575, 0.3711, 0.3827



18.4103, 0.3291, 0.3325



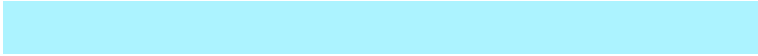
11.9220, 0.6269, 0.3404



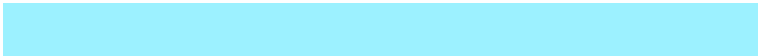
1.2816, 0.6087, 0.3549

Inverse Universe

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



80.0986, 0.2645, 0.3157



76.9355, 0.2561, 0.3126



58.4397, 0.2586, 0.2685



20.0076, 0.2980, 0.3255



30.1868, 0.2118, 0.2824



3.0561, 0.2134, 0.2882

Previews

White Background



This preview shows how the Yxy color 58.5195, 0.3845, 0.3418 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 58.5195, 0.3845, 0.3418 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 58.5195, 0.3845, 0.3418

Background



This preview shows how black text looks on a background with the Yxy color 58.5195, 0.3845, 0.3418.



This preview shows how white text looks on a background with the Yxy color 58.5195, 0.3845, 0.3418.

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

58.5195, 0.3845, 0.3418

Protanopia

58.8111, 0.3347, 0.3527

Deuteranopia

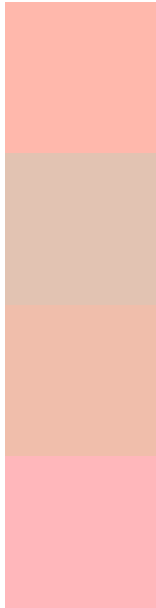
58.6417, 0.3633, 0.3561



Tritanopia

58.6560, 0.3649, 0.3156

Trichromacy



Original Color

58.5195, 0.3845, 0.3418

Protanomaly

58.4133, 0.3515, 0.3485

Deuteranomaly

58.2925, 0.3705, 0.3501

Tritanomaly

58.7148, 0.3716, 0.3250

Monochromacy



Original Color

58.5195, 0.3845, 0.3418

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 58.5195, 0.3845, 0.3418 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, 172)` looks like.

```
.text, #text, p{  
    color:rgb(255, 184, 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, 184, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 184, 172) }
```

Border

The CSS property to change the border of an element to Yxy 58.5195, 0.3845, 0.3418 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, 172) }
```

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

```
.border{ border-color:rgb(255, 184, 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, 184, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(255, 184, 172); -webkit-box-shadow:4px 4px 4px 4px rgb(255, 184, 172); box-shadow:4px 4px 4px 4px rgb(255, 184, 172) }
```


Background

The CSS property to change the background color of an element to Yxy 58.5195, 0.3845, 0.3418 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, 172) }
```

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

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