

Converting Colors

$Y_{xy}(78.9130, 0.4486, 0.3395)$

Have a look what the booklet for
Yxy(78.9130, 0.4486, 0.3395)
contains.

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Color

Yxy(59.3949, 0.3829, 0.3428)

Conversions

Conversions Part 1

Format	Color
Hex	FFBAAD
RGB	255, 186, 173
RGB Percent	100%, 73%, 68%
CMY	0.0000, 0.2706, 0.3214
CMYK	0.00, 0.27, 0.32, 0.00
HSL	9°, 100%, 84%
HSV	9°, 32%, 100%
XYZ	66.3428, 59.3949, 47.5263
YIQ	205.1490, 45.2970, 10.5850

Conversions

Conversions Part 2

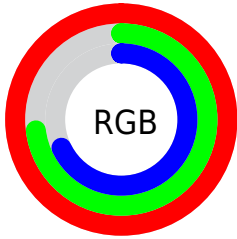
Format	Color
R _Y B	255, 188, 173
Decimal	16759469
CIE Lab	81.51, 23.23, 16.41
CIE LCh	82, 28.443, 35.224
Yxy	59.3949, 0.3829, 0.3428
Android (android.graphics.Color)	4294949549 (0xFFFFBAAD)
YUV	205.1490, -15.8495, 43.7193
Hunter-Lab	77.0681, 18.7896, 17.3847

Details

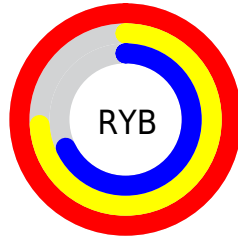
The Yxy color **59.3949, 0.3829, 0.3428** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **79.6326, 0.2649, 0.3146**, and the grayscale version is **61.2345, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.3657, 0.3300, 0.3428**, and **29.7533, 0.4016, 0.3440** is the 20% darker color. If you saturate the color by 10%, you get **50.1266, 0.4150, 0.3472**, and if you desaturate by 10%, it is **70.2159, 0.3562, 0.3383**.

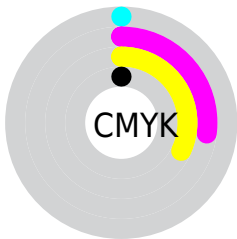
Distribution



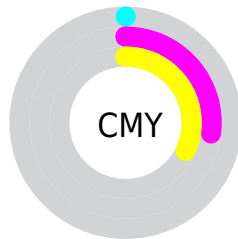
- Red (100%)
- Green (73%)
- Blue (68%)



- Red (100%)
- Yellow (74%)
- Blue (68%)



- Cyan (0%)
- Magenta (27%)
- Yellow (32%)
- Black (0%)





- Cyan (0%)
- Magenta (27%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 59.3949, 0.3829, 0.3428 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 59.3949, 0.3829, 0.3428 by changing the saturation by 10% instead.


 59.3949, 0.3829,
0.3428

 59.3949, 0.3829,
0.3428


422.3638, 0.3489,
0.3371

 42.9311, 0.3910,
0.3439


 103.9514, 0.3708,
0.3410

 29.8311, 0.4013,
0.3451


132.8129, 0.3662,
0.3403

 19.7104, 0.4145,
0.3464


166.5757, 0.3622,
0.3396

 12.1847, 0.4323,
0.3477

205.6242, 0.3588,
0.3390

 6.8696, 0.4573,
0.3486

250.3429, 0.3559,
0.3385

 3.3807, 0.4947,
0.3479

301.1162, 0.3533,

 1.3336, 0.5794,

0.3380

0.3564

358.3283, 0.3509,
0.3375

0.1670, 0.8130,
0.1870

0.0000, 0.0000,
0.0000

59.3949, 0.3829,
0.3428

59.3949, 0.3829,
0.3428

50.1266, 0.4150,
0.3472

70.2159, 0.3562,
0.3383

42.3315, 0.4525,
0.3509

82.6478, 0.3341,
0.3339

35.9356, 0.4944,
0.3533

96.7558, 0.3161,
0.3298

30.8550, 0.5381,
0.3536

99.9983, 0.3127,
0.3290

■ 26.9969, 0.5786,
0.3511

■ 24.2557, 0.6104,
0.3456

■ 22.7979, 0.6270,
0.3403

Harmonies

Analogous

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



59.3949, 0.3618, 0.3130



59.3949, 0.3829, 0.3428



59.3949, 0.3837, 0.3712

Triad

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



59.3949, 0.3829, 0.3428



59.3949, 0.2955, 0.3761



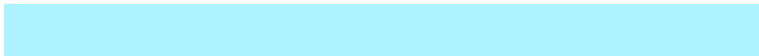
59.3949, 0.2613, 0.2699

Complementary

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



59.3949, 0.3829, 0.3428



79.6326, 0.2649, 0.3146

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.



59.3949, 0.2460, 0.2822



59.3949, 0.3829, 0.3428



59.3949, 0.2649, 0.3435

Square

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



59.3949, 0.3829, 0.3428



59.3949, 0.3320, 0.3936



59.3949, 0.2473, 0.3085



59.3949, 0.2904, 0.2724

Rectangle

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



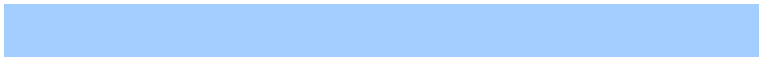
59.3949, 0.3829, 0.3428



59.3949, 0.3729, 0.3857



59.3949, 0.2473, 0.3085



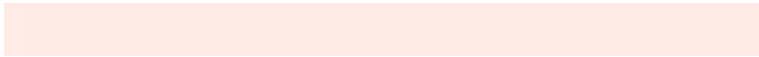
59.3949, 0.2545, 0.2723

Sweetspot

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



59.3977, 0.3829, 0.3428



85.5250, 0.3300, 0.3330



57.6166, 0.3261, 0.2598



17.8997, 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.



59.3977, 0.3829, 0.3428



52.8757, 0.4043, 0.3458



78.8392, 0.3698, 0.3833



18.4508, 0.3290, 0.3328



12.0498, 0.6249, 0.3420



1.3005, 0.6060, 0.3570

Inverse Universe

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



79.6326, 0.2649, 0.3146



76.1360, 0.2558, 0.3111



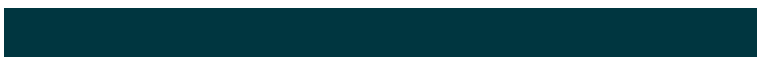
58.2225, 0.2591, 0.2678



19.9633, 0.2980, 0.3251



29.2643, 0.2105, 0.2778



2.9749, 0.2123, 0.2842

Previews

White Background



This preview shows how the Yxy color 59.3949, 0.3829, 0.3428 looks on a white background.

Color Contrast Check

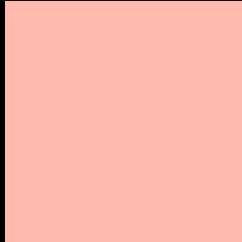
Large Text (above 18pt) WCAG AA × Fail

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 59.3949, 0.3829, 0.3428 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 59.3949, 0.3829, 0.3428

Background



This preview shows how black text looks on a background with the Yxy color 59.3949, 0.3829, 0.3428.



This preview shows how white text looks on a background with the Yxy color 59.3949, 0.3829, 0.3428.

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

59.3949, 0.3829, 0.3428

Protanopia

59.5743, 0.3361, 0.3537

Deuteranopia

59.4629, 0.3639, 0.3559



Tritanopia

59.5722, 0.3627, 0.3156

Trichromacy



Original Color

59.3949, 0.3829, 0.3428

Protanomaly

59.1882, 0.3529, 0.3495

Deuteranomaly

59.5551, 0.3708, 0.3510

Tritanomaly

59.5888, 0.3702, 0.3260

Monochromacy



Original Color

59.3949, 0.3829, 0.3428

Achromatopsia

61.0496, 0.3127, 0.3290

Achromatomaly

59.9264, 0.3366, 0.3347

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.3949, 0.3829, 0.3428 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, 186, 173)` looks like.

```
.text, #text, p{  
    color:rgb(255, 186, 173)  
}
```

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, 186, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 186, 173) }
```

Border

The CSS property to change the border of an element to Yxy 59.3949, 0.3829, 0.3428 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, 186, 173) }
```

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

```
.border{ border-color:rgb(255, 186, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(255, 186, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 186, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 186, 173);  
box-shadow:4px 4px 4px 4px rgb(255, 186,  
173) }
```


Background

The CSS property to change the background color of an element to Yxy 59.3949, 0.3829, 0.3428 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 186, 173) }
```

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

```
.background{ background-color: rgb(255,  
186, 173) }
```

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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