

Converting Colors

$Yxy(60.5778, 0.3873, 0.3416)$

Have a look what the booklet for
Yxy(60.5778, 0.3873, 0.3416)
contains.

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Color

Yxy(59.4338, 0.3821, 0.3418)

Conversions

Conversions Part 1

Format	Color
Hex	FFBAAE
RGB	255, 186, 174
RGB Percent	100%, 73%, 68%
CMY	0.0000, 0.2706, 0.3177
CMYK	0.00, 0.27, 0.32, 0.00
HSL	9°, 100%, 84%
HSV	9°, 32%, 100%
XYZ	66.4414, 59.4338, 48.0096
YIQ	205.2630, 44.9760, 10.8960

Conversions

Conversions Part 2

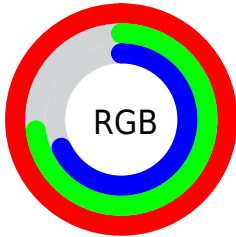
Format	Color
R _Y B	255, 188, 174
Decimal	16759470
CIE Lab	81.53, 23.36, 15.93
CIE LCh	82, 28.276, 34.287
Yxy	59.4338, 0.3821, 0.3418
Android (android.graphics.Color)	4294949550 (0xFFFFBAAE)
YUV	205.2630, -15.4127, 43.6193
Hunter-Lab	77.0933, 18.9234, 17.0427

Details

The Yxy color **59.4338, 0.3821, 0.3418** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **80.3129, 0.2655, 0.3157**, and the grayscale version is **61.3043, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.4214, 0.3294, 0.3418**, and **29.7780, 0.4004, 0.3427** is the 20% darker color. If you saturate the color by 10%, you get **50.0659, 0.4142, 0.3459**, and if you desaturate by 10%, it is **70.3825, 0.3554, 0.3376**.

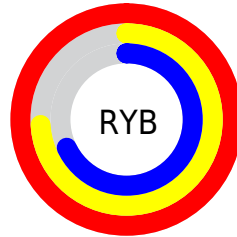
Distribution



Red (100%)

Green (73%)

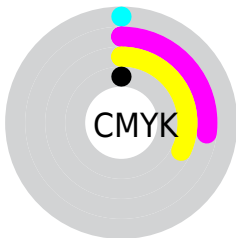
Blue (68%)



Red (100%)

Yellow (74%)

Blue (68%)

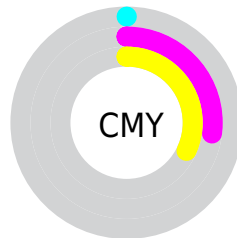


Cyan (0%)

Magenta (27%)

Yellow (32%)

Black (0%)



Cyan (0%)


Magenta (27%)


Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 59.4338, 0.3821, 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 59.4338, 0.3821, 0.3418 by changing the saturation by 10% instead.

 59.4338, 0.3821,
0.3418

 59.4338, 0.3821,
0.3418


422.5076, 0.3485,
0.3366

 42.9624, 0.3901,
0.3428


 104.0079, 0.3701,
0.3402

 29.8556, 0.4003,
0.3439


132.8794, 0.3656,
0.3395

 19.7290, 0.4134,
0.3450


166.6530, 0.3617,
0.3389

 12.1982, 0.4310,
0.3461

205.7133, 0.3583,
0.3383

 6.8788, 0.4558,
0.3468

250.4444, 0.3554,
0.3378

 3.3864, 0.4928,
0.3459


301.2310, 0.3528,

 1.3367, 0.5746,


0.3374


0.3526


358.4572, 0.3505,
0.3370


 0.1693, 0.8120,
0.1880


 0.0000, 0.0000,
0.0000

 59.4338, 0.3821,
0.3418


 59.4338, 0.3821,
0.3418


 50.0659, 0.4142,
0.3459


 70.3825, 0.3554,
0.3376

 42.2039, 0.4518,
0.3494

 82.9787, 0.3335,
0.3335

 35.7691, 0.4940,
0.3517

 97.2876, 0.3155,
0.3296

 30.6750, 0.5380,
0.3520

100.0000, 0.3127,
0.3290

■ 26.8258, 0.5790,
0.3496

■ 24.1121, 0.6111,
0.3445

■ 22.6338, 0.6284,
0.3392

Harmonies

Analogous

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



59.4338, 0.3605, 0.3122



59.4338, 0.3821, 0.3418



59.4338, 0.3836, 0.3702

Triad

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



59.4338, 0.3821, 0.3418



59.4338, 0.2967, 0.3766



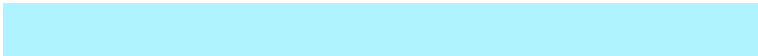
59.4338, 0.2609, 0.2704

Complementary

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



59.4338, 0.3821, 0.3418



80.3129, 0.2655, 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.



59.4338, 0.2462, 0.2831



59.4338, 0.3821, 0.3418



59.4338, 0.2659, 0.3446

Square

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



59.4338, 0.3821, 0.3418



59.4338, 0.3330, 0.3935



59.4338, 0.2479, 0.3097



59.4338, 0.2895, 0.2724

Rectangle

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



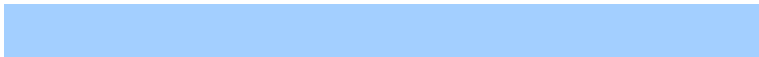
59.4338, 0.3821, 0.3418



59.4338, 0.3732, 0.3849



59.4338, 0.2479, 0.3097



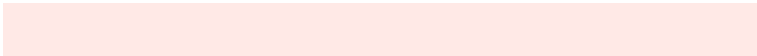
59.4338, 0.2543, 0.2730

Sweetspot

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



59.4344, 0.3821, 0.3418



85.3819, 0.3300, 0.3328



58.0727, 0.3248, 0.2593



17.8654, 0.3327, 0.3333



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.



59.4344, 0.3821, 0.3418



53.4149, 0.4014, 0.3444



78.3269, 0.3695, 0.3814



18.4215, 0.3291, 0.3326



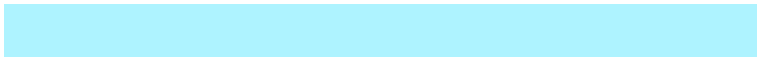
11.9562, 0.6264, 0.3408



1.2868, 0.6079, 0.3555

Inverse Universe

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



80.3129, 0.2655, 0.3157



77.1932, 0.2573, 0.3127



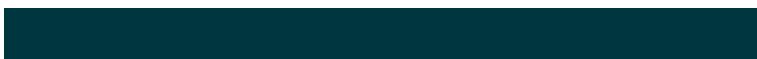
59.2586, 0.2600, 0.2702



19.9954, 0.2980, 0.3254



29.9299, 0.2114, 0.2811



3.0335, 0.2131, 0.2871

Previews

White Background



This preview shows how the Yxy color 59.4338, 0.3821, 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 59.4338, 0.3821, 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 59.4338, 0.3821, 0.3418

Background



This preview shows how black text looks on a background with the Yxy color 59.4338, 0.3821, 0.3418.

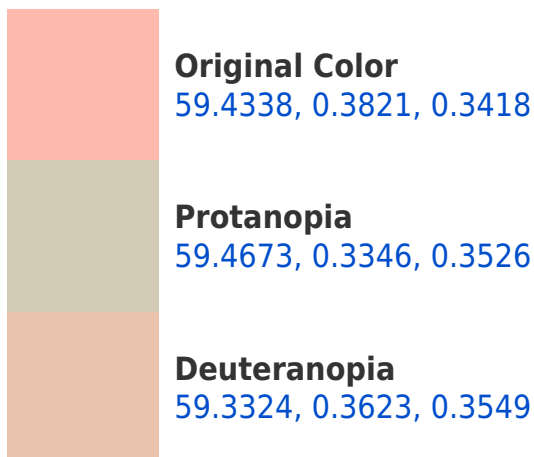


This preview shows how white text looks on a background with the Yxy color 59.4338, 0.3821, 0.3418.

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





Tritanopia

59.5722, 0.3627, 0.3156

Trichromacy



Original Color

59.4338, 0.3821, 0.3418

Protanomaly

59.0654, 0.3513, 0.3484

Deuteranomaly

59.4172, 0.3691, 0.3500

Tritanomaly

59.6320, 0.3694, 0.3250

Monochromacy



Original Color

59.4338, 0.3821, 0.3418

Achromatopsia

61.0496, 0.3127, 0.3290

Achromatomaly

59.9712, 0.3358, 0.3336

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.4338, 0.3821, 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, 186, 174)` looks like.

```
.text, #text, p{  
    color:rgb(255, 186, 174)  
}
```

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, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 186, 174) }
```

Border

The CSS property to change the border of an element to Yxy 59.4338, 0.3821, 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, 186, 174) }
```

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

```
.border{ border-color:rgb(255, 186, 174) }
```

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, 174) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 186, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 186, 174);  
box-shadow:4px 4px 4px 4px rgb(255, 186,  
174) }
```


Background

The CSS property to change the background color of an element to Yxy 59.4338, 0.3821, 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, 186, 174) }
```

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

```
.background{ background-color: rgb(255,  
186, 174) }
```

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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