

Converting Colors

$Yxy(59.5569, 0.3846, 0.3457)$

Have a look what the booklet for
Yxy(59.5569, 0.3846, 0.3457)
contains.

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Color

Yxy(59.7409, 0.3843, 0.3460)

Conversions

Conversions Part 1

Format	Color
Hex	FFBBAB
RGB	255, 187, 171
RGB Percent	100%, 73%, 67%
CMY	0.0001, 0.2666, 0.3294
CMYK	0.00, 0.27, 0.33, 0.00
HSL	11°, 100%, 84%
HSV	11°, 33%, 100%
XYZ	66.3538, 59.7409, 46.5668
YIQ	205.5080, 45.6640, 9.4400

Conversions

Conversions Part 2

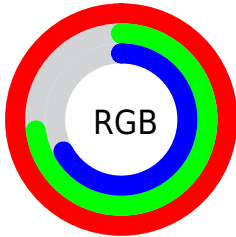
Format	Color
R _Y B	255, 191, 171
Decimal	16759723
CIE Lab	81.70, 22.44, 17.76
CIE LCh	82, 28.621, 38.352
Yxy	59.7409, 0.3843, 0.3460
Android (android.graphics.Color)	4294949803 (0xFFFFBBAB)
YUV	205.5080, -17.0124, 43.4045
Hunter-Lab	77.2922, 17.9773, 18.3837

Details

The Yxy color **59.7409, 0.3843, 0.3460** is a light color, and the websafe version is hex **FFCCCC**. A complement of this color would be **77.5892, 0.2634, 0.3111**, and the grayscale version is **61.4809, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.8522, 0.3312, 0.3457**, and **29.9773, 0.4034, 0.3481** is the 20% darker color. If you saturate the color by 10%, you get **50.7265, 0.4160, 0.3512**, and if you desaturate by 10%, it is **70.2067, 0.3577, 0.3406**.

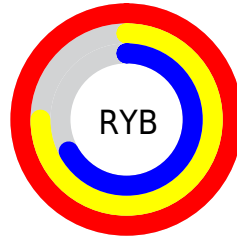
Distribution



Red (100%)

Green (73%)

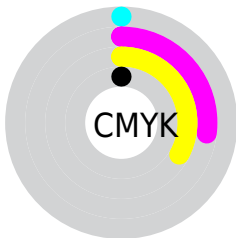
Blue (67%)



Red (100%)

Yellow (75%)

Blue (67%)

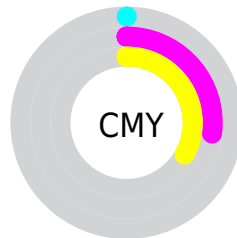


Cyan (0%)

Magenta (27%)

Yellow (33%)

Black (0%)



Cyan (0%)


Magenta (27%)

Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 59.7409, 0.3843, 0.3460 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 59.7409, 0.3843, 0.3460 by changing the saturation by 10% instead.


 59.7409, 0.3843,
0.3460

 59.7409, 0.3843,
0.3460

423.6421, 0.3496,
0.3389

 43.2098, 0.3926,
0.3474


 104.4537, 0.3720,
0.3437

 30.0498, 0.4030,
0.3490


133.4043, 0.3673,
0.3427

 19.8764, 0.4164,
0.3508


167.2634, 0.3633,
0.3419

 12.3052, 0.4344,
0.3527

206.4155, 0.3598,
0.3412

 6.9519, 0.4596,
0.3544

251.2451, 0.3568,
0.3405

 3.4320, 0.4970,
0.3547

302.1364, 0.3541,

 1.3612, 0.5865,

0.3399

0.3680

359.4740, 0.3517,
0.3394

0.1879, 0.7945,
0.2055

0.0000, 0.0000,
0.0000

59.7409, 0.3843,
0.3460

59.7409, 0.3843,
0.3460

50.7265, 0.4160,
0.3512

70.2067, 0.3577,
0.3406

43.0907, 0.4528,
0.3557

82.1755, 0.3356,
0.3353

36.7673, 0.4937,
0.3586

95.7069, 0.3174,
0.3304

31.6809, 0.5361,
0.3590

99.9945, 0.3127,
0.3290

■ 27.7485, 0.5754,
0.3562

■ 24.8758, 0.6065,
0.3498

■ 23.4188, 0.6220,
0.3443

Harmonies

Analogous

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



59.7409, 0.3650, 0.3159



59.7409, 0.3843, 0.3460



59.7409, 0.3829, 0.3740

Triad

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



59.7409, 0.3843, 0.3460



59.7409, 0.2918, 0.3734



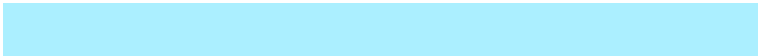
59.7409, 0.2635, 0.2692

Complementary

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



59.7409, 0.3843, 0.3460



77.5892, 0.2634, 0.3111

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.



59.7409, 0.2466, 0.2800



59.7409, 0.3843, 0.3460



59.7409, 0.2621, 0.3398

Square

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



59.7409, 0.3843, 0.3460



59.7409, 0.3283, 0.3930



59.7409, 0.2461, 0.3051



59.7409, 0.2939, 0.2732

Rectangle

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



59.7409, 0.3843, 0.3460



59.7409, 0.3707, 0.3877



59.7409, 0.2461, 0.3051



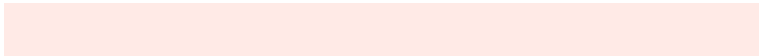
59.7409, 0.2562, 0.2711

Sweetspot

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



59.7437, 0.3843, 0.3460



85.9969, 0.3299, 0.3339



56.6508, 0.3287, 0.2606



18.0130, 0.3326, 0.3346



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.



59.7437, 0.3843, 0.3460



53.2353, 0.4062, 0.3497



79.8935, 0.3706, 0.3874



18.5473, 0.3290, 0.3336



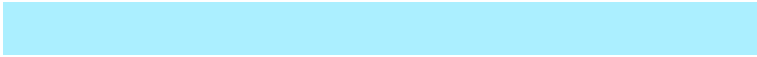
12.3987, 0.6197, 0.3462



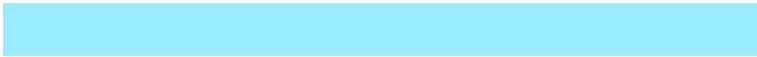
1.3483, 0.5995, 0.3622

Inverse Universe

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



77.5892, 0.2634, 0.3111



73.7263, 0.2540, 0.3067



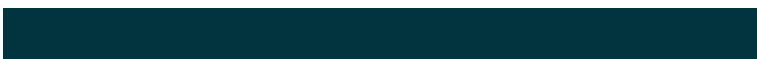
56.0822, 0.2573, 0.2626



19.8580, 0.2980, 0.3244



27.1446, 0.2074, 0.2666



2.7874, 0.2096, 0.2745

Previews

White Background



This preview shows how the Yxy color 59.7409, 0.3843, 0.3460 looks on a white background.

Color Contrast Check

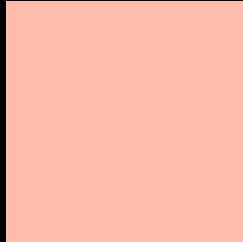
Large Text (above 18pt) WCAG AA × Fail

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 59.7409, 0.3843, 0.3460 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 59.7409, 0.3843, 0.3460

Background



This preview shows how black text looks on a background with the Yxy color 59.7409, 0.3843, 0.3460.



This preview shows how white text looks on a background with the Yxy color 59.7409, 0.3843, 0.3460.

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

59.7409, 0.3843, 0.3460

Protanopia

60.1127, 0.3383, 0.3572

Deuteranopia

60.0066, 0.3661, 0.3592



Tritanopia

59.6182, 0.3618, 0.3146

Trichromacy



Original Color

59.7409, 0.3843, 0.3460

Protanomaly

59.5611, 0.3543, 0.3529

Deuteranomaly

59.9195, 0.3721, 0.3543

Tritanomaly

59.5888, 0.3702, 0.3260

Monochromacy



Original Color

59.7409, 0.3843, 0.3460

Achromatopsia

61.7207, 0.3127, 0.3290

Achromatomaly

60.5444, 0.3372, 0.3359

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.7409, 0.3843, 0.3460 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, 187, 171)` looks like.

```
.text, #text, p{  
    color:rgb(255, 187, 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, 187, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(255, 187, 171) }
```

Border

The CSS property to change the border of an element to Yxy 59.7409, 0.3843, 0.3460 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, 187, 171) }
```

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

```
.border{ border-color:rgb(255, 187, 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, 187, 171) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(255, 187, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(255, 187, 171);  
box-shadow:4px 4px 4px 4px rgb(255, 187,  
171) }
```


Background

The CSS property to change the background color of an element to Yxy 59.7409, 0.3843, 0.3460 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(255, 187, 171) }
```

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

```
.background{ background-color: rgb(255,  
187, 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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