

Converting Colors

$Yxy(59.4021, 0.3878, 0.3647)$

Have a look what the booklet for
Yxy(59.4021, 0.3878, 0.3647)
contains.

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Color

Yxy(59.5044, 0.3871, 0.3647)

Conversions

Conversions Part 1

Format	Color
Hex	F7BF9E
RGB	247, 191, 158
RGB Percent	97%, 75%, 62%
CMY	0.0314, 0.2510, 0.3805
CMYK	0.00, 0.23, 0.36, 0.03
HSL	22°, 85%, 79%
HSV	22°, 36%, 97%
XYZ	63.1592, 59.5044, 40.4963
YIQ	203.9820, 43.9690, 1.6090

Conversions

Conversions Part 2

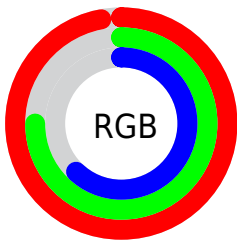
Format	Color
R_{YB}	247, 210, 158
Decimal	16236446
CIE _{Lab}	81.57, 15.77, 24.39
CIE _{LCh}	82, 29.043, 57.123
Y _{xy}	59.5044, 0.3871, 0.3647
Android (android.graphics.Color)	4294426526 (0xFFFF7BF9E)
YUV	203.9820, -22.6691, 37.7268
Hunter-Lab	77.1391, 11.1570, 22.8715

Details

The Yxy color **59.5044, 0.3871, 0.3647** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **62.0646, 0.2566, 0.2899**, and the grayscale version is **60.4977, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.5856, 0.3388, 0.3626**, and **29.7507, 0.4069, 0.3721** is the 20% darker color. If you saturate the color by 10%, you get **52.3191, 0.4155, 0.3745**, and if you desaturate by 10%, it is **67.5852, 0.3622, 0.3544**.

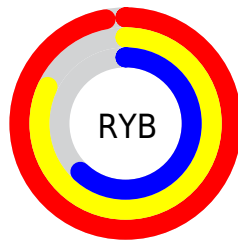
Distribution



Red (97%)

Green (75%)

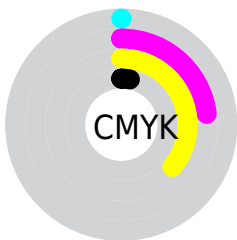
Blue (62%)



Red (97%)

Yellow (82%)

Blue (62%)

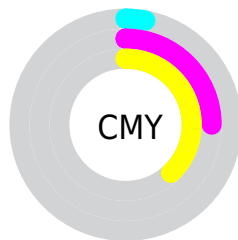


Cyan (0%)

Magenta (23%)

Yellow (36%)

Black (3%)



Cyan (3%)

Magenta (25%)

Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 59.5044, 0.3871, 0.3647 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 59.5044, 0.3871, 0.3647 by changing the saturation by 10% instead.


 59.5044, 0.3871,
0.3647


 59.5044, 0.3871,
0.3647

422.7686, 0.3512,
0.3487

 43.0193, 0.3956,
0.3681


 104.1104, 0.3744,
0.3593

 29.9003, 0.4062,
0.3722


 133.0001, 0.3695,
0.3572

 19.7629, 0.4199,
0.3772


166.7934, 0.3654,
0.3553

 12.2228, 0.4380,
0.3831

205.8748, 0.3618,
0.3537

 6.8956, 0.4628,
0.3899

250.6286, 0.3586,
0.3522

 3.3969, 0.4985,
0.3969

301.4392, 0.3558,

 1.3423, 0.5800,

0.3509

0.4200

358.6911, 0.3534,
0.3497

0.1736, 0.7600,
0.2400

0.0000, 0.0000,
0.0000

59.5044, 0.3871,
0.3647

59.5044, 0.3871,
0.3647

52.3191, 0.4155,
0.3745

67.5852, 0.3622,
0.3544

45.9881, 0.4470,
0.3831

76.5838, 0.3408,
0.3443

40.4795, 0.4806,
0.3892

86.5321, 0.3224,
0.3346

35.7556, 0.5145,
0.3915

97.3427, 0.3078,
0.3272

■ 31.7751, 0.5458,
0.3889

■ 98.5144, 0.3078,
0.3290

■ 28.4912, 0.5718,
0.3810

■ 27.3651, 0.5808,
0.3770

Harmonies

Analogous

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



59.5044, 0.3804, 0.3347



59.5044, 0.3871, 0.3647



59.5044, 0.3726, 0.3880

Triad

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



59.5044, 0.3871, 0.3647



59.5044, 0.2713, 0.3536



59.5044, 0.2808, 0.2692

Complementary

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



59.5044, 0.3871, 0.3647



62.0646, 0.2566, 0.2899

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.



59.5044, 0.2545, 0.2706



59.5044, 0.3871, 0.3647



59.5044, 0.2493, 0.3172

Square

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



59.5044, 0.3871, 0.3647



59.5044, 0.3050, 0.3839



59.5044, 0.2434, 0.2872



59.5044, 0.3171, 0.2817

Rectangle

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



59.5044, 0.3871, 0.3647



59.5044, 0.3536, 0.3956



59.5044, 0.2434, 0.2872



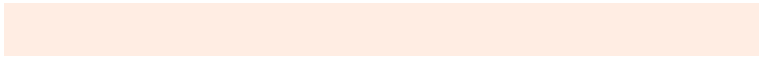
59.5044, 0.2706, 0.2680

Sweetspot

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



59.5072, 0.3871, 0.3647



87.5780, 0.3312, 0.3393



49.0960, 0.3451, 0.2699



18.4364, 0.3337, 0.3406



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.



59.5072, 0.3871, 0.3647



58.4447, 0.4067, 0.3717



81.7348, 0.3710, 0.4082



17.4895, 0.3284, 0.3378



14.7213, 0.5778, 0.3794



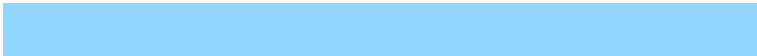
1.4838, 0.5542, 0.3982

Inverse Universe

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



62.0646, 0.2566, 0.2899



61.5279, 0.2461, 0.2808



42.6771, 0.2489, 0.2348



17.6641, 0.2980, 0.3200



16.2956, 0.1896, 0.2026



1.6286, 0.1945, 0.2202

Previews

White Background



This preview shows how the Yxy color 59.5044, 0.3871, 0.3647 looks on a white background.

Color Contrast Check

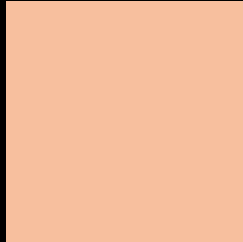
Large Text (above 18pt) WCAG AA × Fail

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 59.5044, 0.3871, 0.3647 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

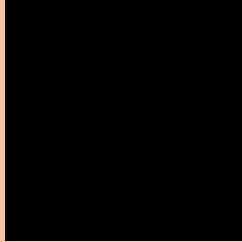
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 59.5044, 0.3871, 0.3647

Background



This preview shows how black text looks on a background with the Yxy color 59.5044, 0.3871, 0.3647.



This preview shows how white text looks on a background with the Yxy color 59.5044, 0.3871, 0.3647.

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

59.5044, 0.3871, 0.3647

Protanopia

59.8033, 0.3521, 0.3760

Deuteranopia

59.6417, 0.3787, 0.3711



Tritanopia

59.3307, 0.3574, 0.3144

Trichromacy



Original Color

59.5044, 0.3871, 0.3647

Protanomaly

59.7510, 0.3648, 0.3724

Deuteranomaly

59.7187, 0.3816, 0.3697

Tritanomaly

59.3253, 0.3689, 0.3324

Monochromacy



Original Color

59.5044, 0.3871, 0.3647

Achromatopsia

60.3827, 0.3127, 0.3290

Achromatomaly

59.6503, 0.3386, 0.3429

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.5044, 0.3871, 0.3647 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(247, 191, 158)` looks like.

```
.text, #text, p{  
    color:rgb(247, 191, 158)  
}
```

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(247, 191, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 191, 158) }
```

Border

The CSS property to change the border of an element to Yxy 59.5044, 0.3871, 0.3647 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(247, 191, 158) }
```

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

```
.border{ border-color:rgb(247, 191, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(247, 191, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(247, 191, 158); -webkit-box-shadow:4px 4px 4px 4px rgb(247, 191, 158); box-shadow:4px 4px 4px 4px rgb(247, 191, 158) }
```


Background

The CSS property to change the background color of an element to Yxy 59.5044, 0.3871, 0.3647 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 191, 158) }
```

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

```
.background{ background-color: rgb(247,  
191, 158) }
```

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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