

Converting Colors

$Y_{xy}(59.7270, 0.3906, 0.3690)$

Have a look what the booklet for
Yxy(59.7270, 0.3906, 0.3690)
contains.

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Color

Yxy(59.5512, 0.3913, 0.3688)

Conversions

Conversions Part 1

Format	Color
Hex	F8BF9A
RGB	248, 191, 154
RGB Percent	97%, 75%, 60%
CMY	0.0273, 0.2510, 0.3961
CMYK	0.00, 0.23, 0.38, 0.03
HSL	24°, 87%, 79%
HSV	24°, 38%, 97%
XYZ	63.1843, 59.5512, 38.7373
YIQ	203.8250, 45.8490, 0.5770

Conversions

Conversions Part 2

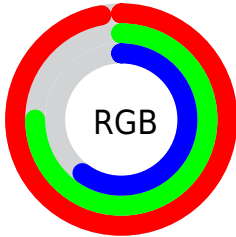
Format	Color
R _Y B	248, 215, 154
Decimal	16301978
CIE Lab	81.59, 15.71, 26.55
CIE LCh	82, 30.850, 59.380
Yxy	59.5512, 0.3913, 0.3688
Android (android.graphics.Color)	4294492058 (0xFFF8BF9A)
YUV	203.8250, -24.5637, 38.7415
Hunter-Lab	77.1694, 11.1047, 24.2563

Details

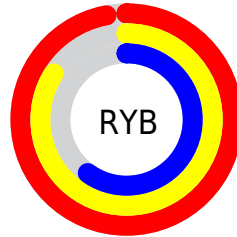
The Yxy color **59.5512, 0.3913, 0.3688** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **60.2621, 0.2534, 0.2849**, and the grayscale version is **60.4067, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.3850, 0.3413, 0.3666**, and **29.8177, 0.4114, 0.3759** is the 20% darker color. If you saturate the color by 10%, you get **52.5821, 0.4197, 0.3791**, and if you desaturate by 10%, it is **67.3709, 0.3662, 0.3580**.

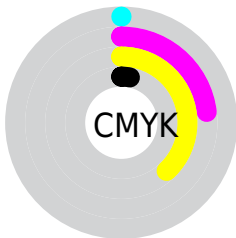
Distribution



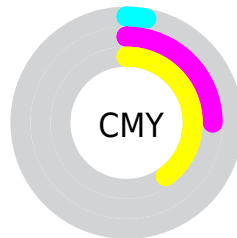
- Red (97%)
- Green (75%)
- Blue (60%)



- Red (97%)
- Yellow (84%)
- Blue (60%)



- Cyan (0%)
- Magenta (23%)
- Yellow (38%)
- Black (3%)





- Cyan (3%)
- Magenta (25%)
- Yellow (40%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 59.5512, 0.3913, 0.3688 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 59.5512, 0.3913, 0.3688 by changing the saturation by 10% instead.


 59.5512, 0.3913,
0.3688


 59.5512, 0.3913,
0.3688


422.9415, 0.3534,
0.3510

 43.0570, 0.4002,
0.3726


 104.1784, 0.3779,
0.3628

 29.9298, 0.4114,
0.3771


 133.0801, 0.3728,
0.3604

 19.7853, 0.4257,
0.3825


166.8864, 0.3684,
0.3583

 12.2391, 0.4445,
0.3890

205.9818, 0.3646,
0.3565

 6.9067, 0.4701,
0.3963

250.7506, 0.3613,
0.3549

 3.4038, 0.5071,
0.4042

301.5773, 0.3583,

 1.3460, 0.5797,

0.3534

0.4203

358.8461, 0.3557,
0.3522

0.1764, 0.7576,
0.2424

0.0000, 0.0000,
0.0000

59.5512, 0.3913,
0.3688

59.5512, 0.3913,
0.3688

52.5821, 0.4197,
0.3791

67.3709, 0.3662,
0.3580

46.4244, 0.4508,
0.3878

76.0619, 0.3444,
0.3471

41.0478, 0.4836,
0.3938

85.6546, 0.3256,
0.3368

36.4166, 0.5161,
0.3957

96.1751, 0.3096,
0.3270

■ 32.4913, 0.5457,
0.3925

■ 98.7028, 0.3084,
0.3290

■ 29.2253, 0.5700,
0.3840

■ 28.6171, 0.5746,
0.3820

Harmonies

Analogous

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



59.5512, 0.3860, 0.3372



59.5512, 0.3913, 0.3688



59.5512, 0.3742, 0.3928

Triad

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



59.5512, 0.3913, 0.3688



59.5512, 0.2664, 0.3523



59.5512, 0.2814, 0.2663

Complementary

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



59.5512, 0.3913, 0.3688



60.2621, 0.2534, 0.2849

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.



59.5512, 0.2527, 0.2665



59.5512, 0.3913, 0.3688



59.5512, 0.2444, 0.3135

Square

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



59.5512, 0.3913, 0.3688



59.5512, 0.3014, 0.3857



59.5512, 0.2397, 0.2827



59.5512, 0.3203, 0.2805

Rectangle

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



59.5512, 0.3913, 0.3688



59.5512, 0.3533, 0.4002



59.5512, 0.2397, 0.2827



59.5512, 0.2703, 0.2646

Sweetspot

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



59.5540, 0.3913, 0.3688



87.9428, 0.3311, 0.3399



47.8284, 0.3488, 0.2684



18.5231, 0.3336, 0.3413



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

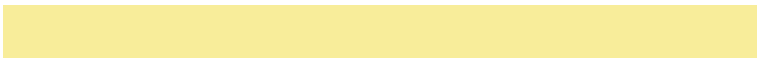
The Same Dimension uses a secret algorithm to generate beautiful new colors.



59.5540, 0.3913, 0.3688



58.0210, 0.4113, 0.3763



82.9019, 0.3736, 0.4137



18.3452, 0.3284, 0.3384



15.7083, 0.5718, 0.3842



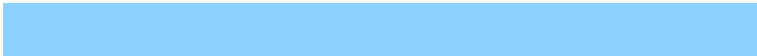
1.6548, 0.5498, 0.4017

Inverse Universe

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



60.2621, 0.2534, 0.2849



58.8426, 0.2426, 0.2750



40.5510, 0.2448, 0.2270



18.3954, 0.2980, 0.3194



15.8030, 0.1874, 0.1945



1.6701, 0.1923, 0.2122

Previews

White Background



This preview shows how the Yxy color 59.5512, 0.3913, 0.3688 looks on a white background.

Color Contrast Check

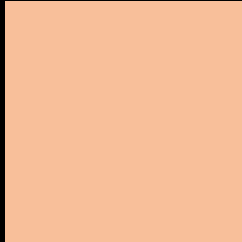
Large Text (above 18pt) WCAG AA × Fail

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 59.5512, 0.3913, 0.3688 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 59.5512, 0.3913, 0.3688

Background



This preview shows how black text looks on a background with the Yxy color 59.5512, 0.3913, 0.3688.



This preview shows how white text looks on a background with the Yxy color 59.5512, 0.3913, 0.3688.

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

59.5512, 0.3913, 0.3688

Protanopia

59.8140, 0.3559, 0.3806

Deuteranopia

59.6808, 0.3828, 0.3754



Tritanopia

59.7041, 0.3591, 0.3145

Trichromacy



Original Color

59.5512, 0.3913, 0.3688

Protanomaly

59.7751, 0.3688, 0.3768

Deuteranomaly

59.7607, 0.3858, 0.3739

Tritanomaly

59.4688, 0.3706, 0.3334

Monochromacy



Original Color

59.5512, 0.3913, 0.3688

Achromatopsia

60.3827, 0.3127, 0.3290

Achromatomaly

59.6077, 0.3394, 0.3440

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.5512, 0.3913, 0.3688 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(248, 191, 154)` looks like.

```
.text, #text, p{  
    color:rgb(248, 191, 154)  
}
```

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(248, 191, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 191, 154) }
```

Border

The CSS property to change the border of an element to Yxy 59.5512, 0.3913, 0.3688 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(248, 191, 154) }
```

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

```
.border{ border-color:rgb(248, 191, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 191, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 191, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 191, 154);  
box-shadow:4px 4px 4px 4px rgb(248, 191,  
154) }
```


Background

The CSS property to change the background color of an element to Yxy 59.5512, 0.3913, 0.3688 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 191, 154) }
```

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

```
.background{ background-color: rgb(248,  
191, 154) }
```

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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