

Converting Colors

$Yxy(58.3986, 0.3954, 0.3689)$

Have a look what the booklet for
Yxy(58.3986, 0.3954, 0.3689)
contains.

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Color

Yxy(58.3405, 0.3959, 0.3687)

Conversions

Conversions Part 1

Format	Color
Hex	F9BC97
RGB	249, 188, 151
RGB Percent	98%, 74%, 59%
CMY	0.0234, 0.2628, 0.4077
CMYK	0.00, 0.25, 0.39, 0.02
HSL	23°, 89%, 78%
HSV	23°, 39%, 98%
XYZ	62.6444, 58.3405, 37.2480
YIQ	202.0210, 48.2330, 1.4250

Conversions

Conversions Part 2

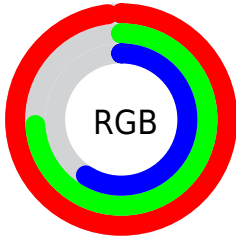
Format	Color
R _Y B	249, 210, 151
Decimal	16366743
CIE Lab	80.93, 17.34, 27.24
CIE LCh	81, 32.290, 57.525
Yxy	58.3405, 0.3959, 0.3687
Android (android.graphics.Color)	4294556823 (0xFFF9BC97)
YUV	202.0210, -25.1534, 41.2006
Hunter-Lab	76.3810, 12.7315, 24.5532

Details

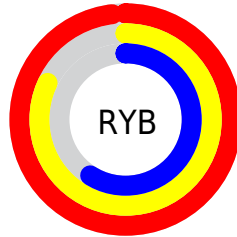
The Yxy color **58.3405, 0.3959, 0.3687** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **60.5395, 0.2515, 0.2849**, and the grayscale version is **59.2173, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.3691, 0.3443, 0.3678**, and **29.3244, 0.4172, 0.3770** is the 20% darker color. If you saturate the color by 10%, you get **51.3438, 0.4252, 0.3784**, and if you desaturate by 10%, it is **66.2258, 0.3700, 0.3583**.

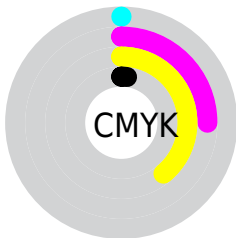
Distribution



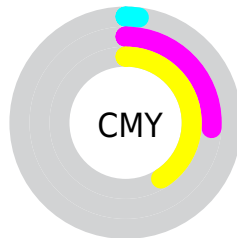
- Red (98%)
- Green (74%)
- Blue (59%)



- Red (98%)
- Yellow (82%)
- Blue (59%)



- Cyan (0%)
- Magenta (25%)
- Yellow (39%)
- Black (2%)




- Cyan (2%)
- Magenta (26%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 58.3405, 0.3959, 0.3687 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 58.3405, 0.3959, 0.3687 by changing the saturation by 10% instead.


 58.3405, 0.3959,
0.3687

 58.3405, 0.3959,
0.3687

418.4535, 0.3557,
0.3511

 42.0825, 0.4054,
0.3724


 102.4185, 0.3816,
0.3628

 29.1659, 0.4173,
0.3768


 131.0073, 0.3762,
0.3604

 19.2063, 0.4326,
0.3820


164.4751, 0.3715,
0.3584

 11.8195, 0.4526,
0.3880

203.2064, 0.3675,
0.3565

 6.6209, 0.4800,
0.3946

247.5854, 0.3640,
0.3549

 3.2261, 0.5210,
0.4020

297.9967, 0.3609,

 1.2509, 0.5907,

0.3535

0.4093

354.8246, 0.3581,
0.3522

0.1027, 0.8353,
0.1647

0.0000, 0.0000,
0.0000

58.3405, 0.3959,
0.3687

58.3405, 0.3959,
0.3687

51.3438, 0.4252,
0.3784

66.2258, 0.3700,
0.3583

45.1940, 0.4573,
0.3864

75.0225, 0.3475,
0.3479

39.8583, 0.4910,
0.3915

84.7631, 0.3282,
0.3379

35.2980, 0.5241,
0.3924

95.4759, 0.3117,
0.3284

■ 31.4703, 0.5537,
0.3881

■ 98.8844, 0.3090,
0.3290

■ 28.3215, 0.5777,
0.3790

■ 28.1385, 0.5792,
0.3783

Harmonies

Analogous

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



58.3405, 0.3889, 0.3353



58.3405, 0.3959, 0.3687



58.3405, 0.3791, 0.3949

Triad

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



58.3405, 0.3959, 0.3687



58.3405, 0.2659, 0.3560



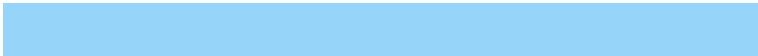
58.3405, 0.2775, 0.2628

Complementary

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



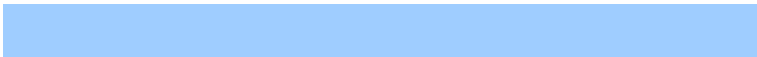
58.3405, 0.3959, 0.3687



60.5395, 0.2515, 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.



58.3405, 0.2483, 0.2639



58.3405, 0.3959, 0.3687



58.3405, 0.2419, 0.3149

Square

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



58.3405, 0.3959, 0.3687



58.3405, 0.3032, 0.3906



58.3405, 0.2358, 0.2817



58.3405, 0.3180, 0.2768

Rectangle

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



58.3405, 0.3959, 0.3687



58.3405, 0.3576, 0.4038



58.3405, 0.2358, 0.2817



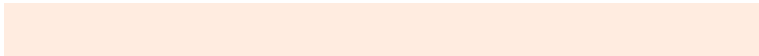
58.3405, 0.2661, 0.2613

Sweetspot

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



58.3433, 0.3959, 0.3687



86.6215, 0.3330, 0.3405



47.0951, 0.3491, 0.2644



18.2480, 0.3355, 0.3418



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.



58.3433, 0.3959, 0.3687



55.8012, 0.4182, 0.3763



82.3470, 0.3765, 0.4154



18.2981, 0.3285, 0.3380



15.3099, 0.5762, 0.3807



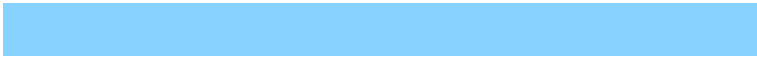
1.6147, 0.5539, 0.3984

Inverse Universe

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



60.5395, 0.2515, 0.2849



58.3733, 0.2402, 0.2745



40.0074, 0.2421, 0.2244



18.4440, 0.2980, 0.3198



16.5051, 0.1890, 0.2003



1.7326, 0.1937, 0.2173

Previews

White Background



This preview shows how the Yxy color 58.3405, 0.3959, 0.3687 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 58.3405, 0.3959, 0.3687 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

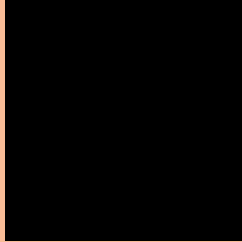
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 58.3405, 0.3959, 0.3687

Background



This preview shows how black text looks on a background with the Yxy color 58.3405, 0.3959, 0.3687.



This preview shows how white text looks on a background with the Yxy color 58.3405, 0.3959, 0.3687.

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

58.3405, 0.3959, 0.3687

Protanopia

58.6547, 0.3572, 0.3809

Deuteranopia

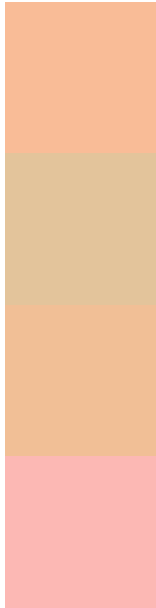
58.3465, 0.3843, 0.3769



Tritanopia

58.3241, 0.3623, 0.3145

Trichromacy



Original Color

58.3405, 0.3959, 0.3687

Protanomaly

58.1773, 0.3705, 0.3760

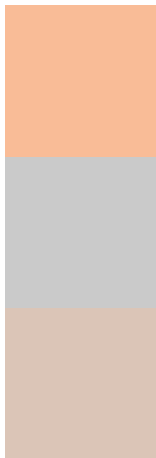
Deuteranomaly

58.1644, 0.3886, 0.3741

Tritanomaly

58.2717, 0.3749, 0.3334

Monochromacy



Original Color

58.3405, 0.3959, 0.3687

Achromatopsia

59.0619, 0.3127, 0.3290

Achromatomaly

58.4115, 0.3412, 0.3453

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.3405, 0.3959, 0.3687 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(249, 188, 151)` looks like.

```
.text, #text, p{  
    color:rgb(249, 188, 151)  
}
```

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(249, 188, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(249, 188, 151) }
```

Border

The CSS property to change the border of an element to Yxy 58.3405, 0.3959, 0.3687 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(249, 188, 151) }
```

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

```
.border{ border-color:rgb(249, 188, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(249, 188, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(249, 188, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(249, 188, 151);  
box-shadow:4px 4px 4px 4px rgb(249, 188,  
151) }
```


Background

The CSS property to change the background color of an element to Yxy 58.3405, 0.3959, 0.3687 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(249, 188, 151) }
```

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

```
.background{ background-color: rgb(249,  
188, 151) }
```

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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