

Converting Colors

$Yxy(59.4219, 0.4032, 0.3791)$

Have a look what the booklet for
Yxy(59.4219, 0.4032, 0.3791)
contains.

Yxy(59.3193, 0.4033, 0.3788)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(59.3193, 0.4033, 0.3788)

Conversions

Conversions Part 1

Format	Color
Hex	FBBE8F
RGB	251, 190, 143
RGB Percent	98%, 75%, 56%
CMY	0.0157, 0.2549, 0.4391
CMYK	0.00, 0.24, 0.43, 0.02
HSL	26°, 93%, 77%
HSV	26°, 43%, 98%
XYZ	63.1559, 59.3193, 34.1227
YIQ	202.8810, 51.4430, -1.6850

Conversions

Conversions Part 2

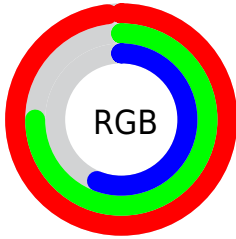
Format	Color
R _Y B	251, 226, 143
Decimal	16498319
CIE Lab	81.47, 16.19, 32.20
CIE LCh	81, 36.040, 63.298
Yxy	59.3193, 0.4033, 0.3788
Android (android.graphics.Color)	4294688399 (0xFFFBBE8F)
YUV	202.8810, -29.5213, 42.2004
Hunter-Lab	77.0190, 11.5875, 27.6453

Details

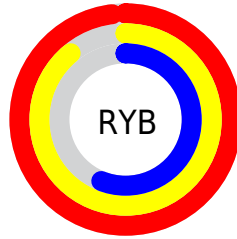
The Yxy color **59.3193, 0.4033, 0.3788** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **56.0070, 0.2447, 0.2722**, and the grayscale version is **59.8102, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.2028, 0.3490, 0.3777**, and **29.8705, 0.4255, 0.3897** is the 20% darker color. If you saturate the color by 10%, you get **52.7974, 0.4318, 0.3895**, and if you desaturate by 10%, it is **66.6147, 0.3775, 0.3671**.

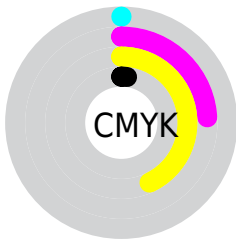
Distribution



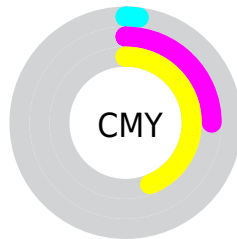
- Red (98%)
- Green (75%)
- Blue (56%)



- Red (98%)
- Yellow (89%)
- Blue (56%)



- Cyan (0%)
- Magenta (24%)
- Yellow (43%)
- Black (2%)





- Cyan (2%)
- Magenta (25%)
- Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 59.3193, 0.4033, 0.3788 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 59.3193, 0.4033, 0.3788 by changing the saturation by 10% instead.


 59.3193, 0.4033,
0.3788

 59.3193, 0.4033,
0.3788

422.0842, 0.3598,
0.3567

 42.8702, 0.4135,
0.3834


 103.8416, 0.3880,
0.3714

 29.7833, 0.4260,
0.3889


 132.6836, 0.3821,
0.3685

 19.6742, 0.4420,
0.3952


166.4253, 0.3771,
0.3659

 12.1584, 0.4626,
0.4025

205.4512, 0.3727,
0.3636

 6.8517, 0.4900,
0.4103

250.1456, 0.3689,
0.3616

 3.3695, 0.5351,
0.4227

300.8930, 0.3655,

 1.3275, 0.5827,

0.3598

358.0777, 0.3625,
0.3581

0.4173

0.1624, 0.7720,
0.2280

0.0000, 0.0000,
0.0000

59.3193, 0.4033,
0.3788

59.3193, 0.4033,
0.3788

52.7974, 0.4318,
0.3895

66.6147, 0.3775,
0.3671

47.0120, 0.4623,
0.3979

74.7018, 0.3546,
0.3551

41.9353, 0.4931,
0.4029

83.6087, 0.3347,
0.3434

37.5338, 0.5224,
0.4031

93.3594, 0.3174,
0.3322

■ 33.7696, 0.5478,
0.3978

■ 99.2482, 0.3102,
0.3290

■ 31.4875, 0.5627,
0.3914

Harmonies

Analogous

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



59.3193, 0.4010, 0.3427



59.3193, 0.4033, 0.3788



59.3193, 0.3799, 0.4057

Triad

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



59.3193, 0.4033, 0.3788



59.3193, 0.2544, 0.3501



59.3193, 0.2815, 0.2579

Complementary

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



59.3193, 0.4033, 0.3788



56.0070, 0.2447, 0.2722

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.



59.3193, 0.2465, 0.2555



59.3193, 0.4033, 0.3788



59.3193, 0.2317, 0.3048

Square

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



59.3193, 0.4033, 0.3788



59.3193, 0.2932, 0.3919



59.3193, 0.2291, 0.2712



59.3193, 0.3276, 0.2762

Rectangle

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



59.3193, 0.4033, 0.3788



59.3193, 0.3540, 0.4131



59.3193, 0.2291, 0.2712



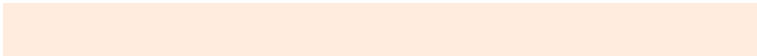
59.3193, 0.2681, 0.2552

Sweetspot

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



59.3221, 0.4033, 0.3788



86.6736, 0.3347, 0.3434



44.5350, 0.3609, 0.2655



18.0992, 0.3388, 0.3459



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.



59.3221, 0.4033, 0.3788



55.3533, 0.4290, 0.3885



87.0723, 0.3797, 0.4292



18.4674, 0.3283, 0.3394



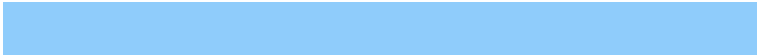
16.8294, 0.5599, 0.3936



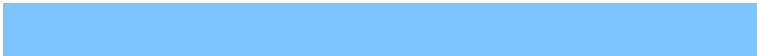
1.7653, 0.5391, 0.4102

Inverse Universe

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



56.0070, 0.2447, 0.2722



51.4610, 0.2312, 0.2576



34.6961, 0.2331, 0.2038



18.2704, 0.2980, 0.3184



14.0943, 0.1833, 0.1798



1.5163, 0.1887, 0.1992

Previews

White Background



This preview shows how the Yxy color 59.3193, 0.4033, 0.3788 looks on a white background.

Color Contrast Check

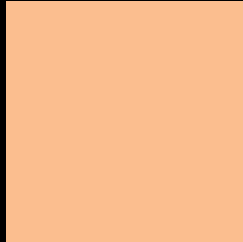
Large Text (above 18pt) WCAG AA × Fail

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 59.3193, 0.4033, 0.3788 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

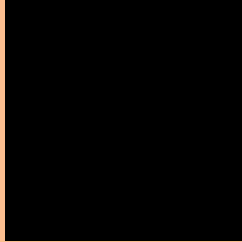
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 59.3193, 0.4033, 0.3788

Background



This preview shows how black text looks on a background with the Yxy color 59.3193, 0.4033, 0.3788.



This preview shows how white text looks on a background with the Yxy color 59.3193, 0.4033, 0.3788.

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

59.3193, 0.4033, 0.3788

Protanopia

59.7554, 0.3659, 0.3932

Deuteranopia

59.2373, 0.3937, 0.3858



Tritanopia

59.1582, 0.3629, 0.3146

Trichromacy



Original Color

59.3193, 0.4033, 0.3788

Protanomaly

59.2865, 0.3795, 0.3878

Deuteranomaly

59.5054, 0.3976, 0.3840

Tritanomaly

59.3630, 0.3786, 0.3387

Monochromacy



Original Color

59.3193, 0.4033, 0.3788

Achromatopsia

59.7202, 0.3127, 0.3290

Achromatomaly

58.9400, 0.3434, 0.3487

CSS Examples

Text

The CSS property to change the color of the text to Yxy 59.3193, 0.4033, 0.3788 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(251, 190, 143)` looks like.

```
.text, #text, p{  
    color:rgb(251, 190, 143)  
}
```

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(251, 190, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(251, 190, 143) }
```

Border

The CSS property to change the border of an element to Yxy 59.3193, 0.4033, 0.3788 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(251, 190, 143) }
```

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

```
.border{ border-color:rgb(251, 190, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(251, 190, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(251, 190, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(251, 190, 143);  
box-shadow:4px 4px 4px 4px rgb(251, 190,  
143) }
```


Background

The CSS property to change the background color of an element to Yxy 59.3193, 0.4033, 0.3788 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(251, 190, 143) }
```

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

```
.background{ background-color: rgb(251,  
190, 143) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor