

Converting Colors

Yxy(58.3955, 0.4152, 0.3941)

Have a look what the booklet for
Yxy(58.3955, 0.4152, 0.3941)
contains.

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Color

Yxy(58.2515, 0.4158, 0.3942)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | FABD7F |
| RGB | 250, 189, 127 |
| RGB Percent | 98%, 74%, 50% |
| CMY | 0.0197, 0.2587, 0.5020 |
| CMYK | 0.00, 0.24, 0.49, 0.02 |
| HSL | 30°, 92%, 74% |
| HSV | 30°, 49%, 98% |
| XYZ | 61.4434, 58.2515, 28.0766 |
| YIQ | 200.1710, 56.2580, -6.3500 |

Conversions

Conversions Part 2

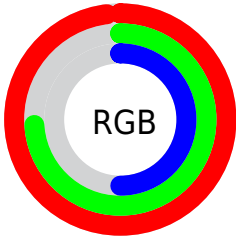
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 248, 250, 127 |
| Decimal | 16432511 |
| CIE Lab | 80.88, 14.75, 39.73 |
| CIE LCh | 81, 42.383, 69.633 |
| Yxy | 58.2515, 0.4158, 0.3942 |
| Android (android.graphics.Color) | 4294622591 (0xFFFABD7F) |
| YUV | 200.1710, -36.0733, 43.7000 |
| Hunter-Lab | 76.3227, 10.1363, 31.6150 |

Details

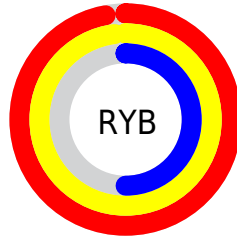
The Yxy color **58.2515, 0.4158, 0.3942** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **47.3464, 0.2332, 0.2511**, and the grayscale version is **58.0700, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.9010, 0.3593, 0.3928**, and **29.2205, 0.4403, 0.4067** is the 20% darker color. If you saturate the color by 10%, you get **52.5770, 0.4429, 0.4053**, and if you desaturate by 10%, it is **64.5485, 0.3902, 0.3813**.

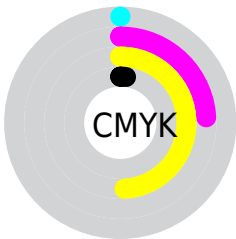
Distribution



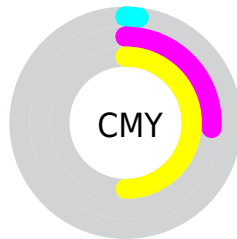
- Red (98%)
- Green (74%)
- Blue (50%)



- Red (97%)
- Yellow (98%)
- Blue (50%)



- Cyan (0%)
- Magenta (24%)
- Yellow (49%)
- Black (2%)





- Cyan (2%)
- Magenta (26%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 58.2515, 0.4158, 0.3942 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 58.2515, 0.4158, 0.3942 by changing the saturation by 10% instead.


 58.2515, 0.4158,
0.3942

 58.2515, 0.4158,
0.3942


418.1224, 0.3667,
0.3653


 42.0109, 0.4271,
0.4001


 102.2890, 0.3986,
0.3846

 29.1098, 0.4408,
0.4070

 130.8547, 0.3920,
0.3808

 19.1639, 0.4580,
0.4148


 164.2975, 0.3863,
0.3774

 11.7888, 0.4795,
0.4234

203.0018, 0.3813,
0.3744

 6.6000, 0.5067,
0.4315

247.3521, 0.3770,
0.3717

 3.2132, 0.5536,
0.4464

297.7327, 0.3731,

 1.2440, 0.5766,

0.3694

0.4234

354.5280, 0.3697,
0.3672

0.0972, 0.8231,
0.1769

0.0000, 0.0000,
0.0000

58.2515, 0.4158,
0.3942

58.2515, 0.4158,
0.3942

52.5770, 0.4429,
0.4053

64.5485, 0.3902,
0.3813

47.4931, 0.4706,
0.4133

71.4814, 0.3669,
0.3676

42.9768, 0.4972,
0.4170

79.0735, 0.3460,
0.3539

38.9995, 0.5209,
0.4153

87.3444, 0.3276,
0.3406

■ 35.5232, 0.5406,
0.4084

■ 96.3123, 0.3115,
0.3280

■ 35.2643, 0.5421,
0.4077

■ 99.0582, 0.3096,
0.3290

Harmonies

Analogous

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



58.2515, 0.4206, 0.3531



58.2515, 0.4158, 0.3942



58.2515, 0.3823, 0.4234

Triad

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



58.2515, 0.4158, 0.3942



58.2515, 0.2367, 0.3417



58.2515, 0.2863, 0.2495

Complementary

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



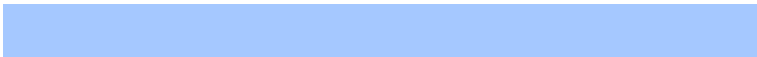
58.2515, 0.4158, 0.3942



47.3464, 0.2332, 0.2511

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.



58.2515, 0.2422, 0.2423



58.2515, 0.4158, 0.3942



58.2515, 0.2157, 0.2897

Square

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



58.2515, 0.4158, 0.3942



58.2515, 0.2784, 0.3954



58.2515, 0.2177, 0.2552



58.2515, 0.3419, 0.2738

Rectangle

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



58.2515, 0.4158, 0.3942



58.2515, 0.3495, 0.4292



58.2515, 0.2177, 0.2552



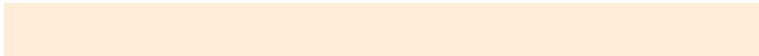
58.2515, 0.2698, 0.2451

Sweetspot

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



58.2543, 0.4158, 0.3942



86.2736, 0.3380, 0.3483



39.1433, 0.3800, 0.2650



18.0813, 0.3420, 0.3511



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.



58.2543, 0.4158, 0.3942



55.0926, 0.4426, 0.4052



90.2018, 0.3851, 0.4487



18.6724, 0.3281, 0.3410



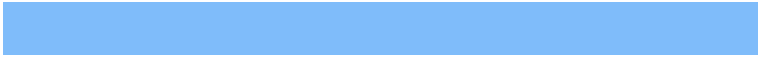
18.9989, 0.5396, 0.4097



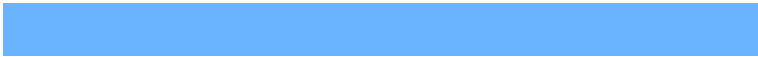
1.9718, 0.5214, 0.4242

Inverse Universe

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



47.3464, 0.2332, 0.2511



42.4789, 0.2182, 0.2319



26.5844, 0.2182, 0.1727



18.0638, 0.2980, 0.3167



11.5799, 0.1767, 0.1560



1.2843, 0.1827, 0.1777

Previews

White Background



This preview shows how the Yxy color 58.2515, 0.4158, 0.3942 looks on a white background.

Color Contrast Check

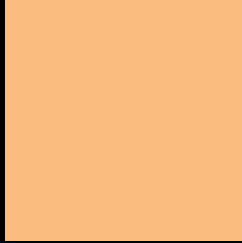
Large Text (above 18pt) WCAG AA × Fail

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 58.2515, 0.4158, 0.3942 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 58.2515, 0.4158, 0.3942

Background



This preview shows how black text looks on a background with the Yxy color 58.2515, 0.4158, 0.3942.



This preview shows how white text looks on a background with the Yxy color 58.2515, 0.4158, 0.3942.

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

58.2515, 0.4158, 0.3942

Protanopia

58.3447, 0.3786, 0.4093

Deuteranopia

58.2603, 0.4090, 0.3999



Tritanopia

58.2028, 0.3660, 0.3156

Trichromacy



Original Color

58.2515, 0.4158, 0.3942

Protanomaly

58.3672, 0.3922, 0.4042

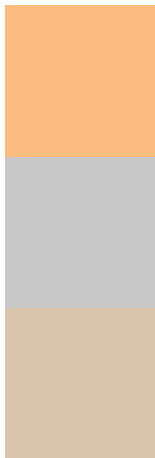
Deuteranomaly

58.3608, 0.4121, 0.3981

Tritanomaly

58.0659, 0.3845, 0.3440

Monochromacy



Original Color

58.2515, 0.4158, 0.3942

Achromatopsia

57.7580, 0.3127, 0.3290

Achromatomaly

57.4024, 0.3485, 0.3560

CSS Examples

Text

The CSS property to change the color of the text to Yxy 58.2515, 0.4158, 0.3942 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(250, 189, 127)` looks like.

```
.text, #text, p{  
    color:rgb(250, 189, 127)  
}
```

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(250, 189, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 189, 127) }
```

Border

The CSS property to change the border of an element to Yxy 58.2515, 0.4158, 0.3942 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(250, 189, 127) }
```

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

```
.border{ border-color:rgb(250, 189, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 189, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(250, 189, 127); -webkit-box-shadow:4px 4px 4px 4px rgb(250, 189, 127); box-shadow:4px 4px 4px 4px rgb(250, 189, 127) }
```


Background

The CSS property to change the background color of an element to Yxy 58.2515, 0.4158, 0.3942 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 189, 127) }
```

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

```
.background{ background-color: rgb(250,  
189, 127) }
```

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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