

Converting Colors

$Yxy(55.1404, 0.3911, 0.3584)$

Have a look what the booklet for
Yxy(55.1404, 0.3911, 0.3584)
contains.

Yxy(55.2349, 0.3915, 0.3586)	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(55.2349, 0.3915, 0.3586)

Conversions

Conversions Part 1

Format	Color
Hex	F5B69B
RGB	245, 182, 155
RGB Percent	96%, 71%, 61%
CMY	0.0392, 0.2863, 0.3922
CMYK	0.00, 0.26, 0.37, 0.04
HSL	18°, 82%, 78%
HSV	18°, 37%, 96%
XYZ	60.3025, 55.2349, 38.4919
YIQ	197.7590, 46.2150, 4.9590

Conversions

Conversions Part 2

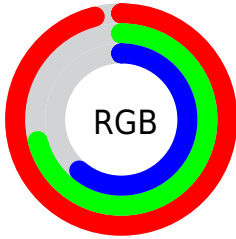
Format	Color
R _Y B	245, 194, 155
Decimal	16103067
CIE Lab	79.18, 19.39, 22.68
CIE LCh	79, 29.842, 49.466
Yxy	55.2349, 0.3915, 0.3586
Android (android.graphics.Color)	4294293147 (0xFFF5B69B)
YUV	197.7590, -21.0802, 41.4304
Hunter-Lab	74.3202, 14.7723, 21.3166

Details

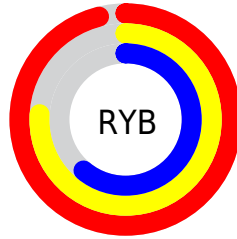
The Yxy color **55.2349, 0.3915, 0.3586** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **63.7062, 0.2567, 0.2969**, and the grayscale version is **56.4289, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.0622, 0.3422, 0.3570**, and **27.2648, 0.4121, 0.3643** is the 20% darker color. If you saturate the color by 10%, you get **47.8962, 0.4220, 0.3665**, and if you desaturate by 10%, it is **63.6062, 0.3651, 0.3502**.

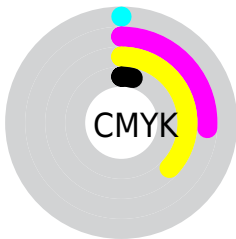
Distribution



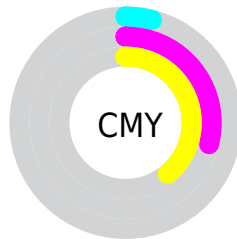
- Red (96%)
- Green (71%)
- Blue (61%)



- Red (96%)
- Yellow (76%)
- Blue (61%)



- Cyan (0%)
- Magenta (26%)
- Yellow (37%)
- Black (4%)





- Cyan (4%)
- Magenta (29%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.2349, 0.3915, 0.3586 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 55.2349, 0.3915, 0.3586 by changing the saturation by 10% instead.


 55.2349, 0.3915,
0.3586


 55.2349, 0.3915,
0.3586

406.8017, 0.3529,
0.3455

 39.5898, 0.4008,
0.3613


 97.8850, 0.3777,
0.3542

 27.2189, 0.4125,
0.3646


 125.6589, 0.3725,
0.3525

 17.7377, 0.4277,
0.3683


158.2444, 0.3680,
0.3509

 10.7618, 0.4481,
0.3727

196.0261, 0.3641,
0.3496

 5.9069, 0.4766,
0.3772

239.3883, 0.3608,
0.3484

 2.7886, 0.5197,
0.3811

288.7153, 0.3578,

 1.0224, 0.6089,

0.3473

0.3911

344.3917, 0.3552,
0.3464

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

55.2349, 0.3915,
0.3586

55.2349, 0.3915,
0.3586

47.8962, 0.4220,
0.3665

63.6062, 0.3651,
0.3502

41.5411, 0.4564,
0.3732

73.0408, 0.3427,
0.3420

36.1282, 0.4933,
0.3775

83.5780, 0.3237,
0.3340

31.6096, 0.5305,
0.3781

95.2527, 0.3078,
0.3267

■ 27.9328, 0.5645,
0.3742

■ 98.1540, 0.3066,
0.3290

■ 25.0382, 0.5916,
0.3657

■ 24.2460, 0.5991,
0.3625

Harmonies

Analogous

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



55.2349, 0.3787, 0.3265



55.2349, 0.3915, 0.3586



55.2349, 0.3815, 0.3858

Triad

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



55.2349, 0.3915, 0.3586



55.2349, 0.2772, 0.3644



55.2349, 0.2708, 0.2651

Complementary

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



55.2349, 0.3915, 0.3586



63.7062, 0.2567, 0.2969

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.



55.2349, 0.2470, 0.2705



55.2349, 0.3915, 0.3586



55.2349, 0.2504, 0.3260

Square

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



55.2349, 0.3915, 0.3586



55.2349, 0.3145, 0.3925



55.2349, 0.2398, 0.2918



55.2349, 0.3069, 0.2748

Rectangle

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



55.2349, 0.3915, 0.3586



55.2349, 0.3640, 0.3971



55.2349, 0.2398, 0.2918



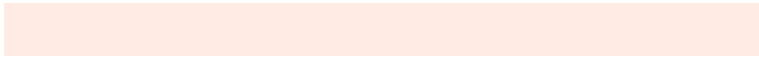
55.2349, 0.2612, 0.2652

Sweetspot

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



55.2375, 0.3915, 0.3586



86.4295, 0.3314, 0.3374



47.9183, 0.3404, 0.2629



18.1638, 0.3340, 0.3384



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.



55.2375, 0.3915, 0.3586



54.4693, 0.4136, 0.3645



76.7221, 0.3742, 0.4041



17.2929, 0.3286, 0.3362



13.2716, 0.5962, 0.3648



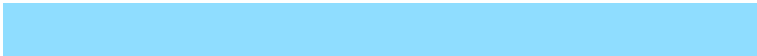
1.3388, 0.5718, 0.3842

Inverse Universe

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



63.7062, 0.2567, 0.2969



64.9333, 0.2463, 0.2893



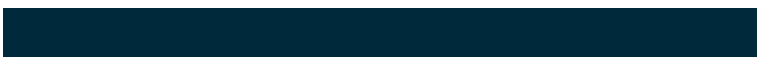
43.4486, 0.2486, 0.2403



17.8693, 0.2980, 0.3217



19.5972, 0.1967, 0.2281



1.9018, 0.2006, 0.2422

Previews

White Background



This preview shows how the Yxy color 55.2349, 0.3915, 0.3586 looks on a white background.

Color Contrast Check

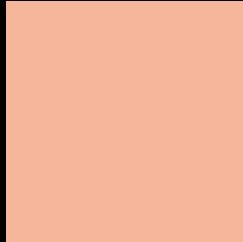
Large Text (above 18pt) WCAG AA × Fail

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 55.2349, 0.3915, 0.3586 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

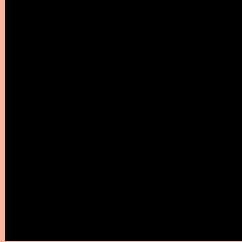
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 55.2349, 0.3915, 0.3586

Background



This preview shows how black text looks on a background with the Yxy color 55.2349, 0.3915, 0.3586.

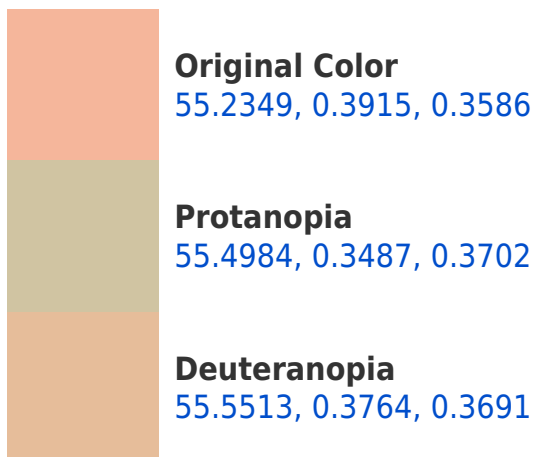


This preview shows how white text looks on a background with the Yxy color 55.2349, 0.3915, 0.3586.

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

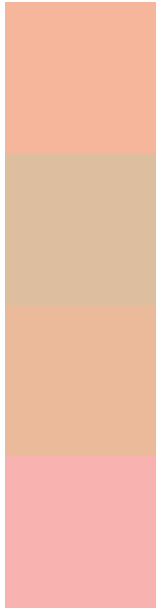




Tritanopia

55.3017, 0.3654, 0.3153

Trichromacy



Original Color

55.2349, 0.3915, 0.3586

Protanomaly

55.1370, 0.3637, 0.3666

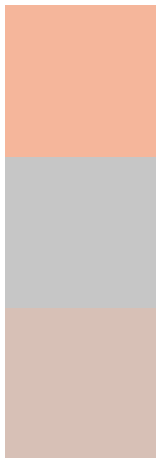
Deuteranomaly

55.1131, 0.3820, 0.3651

Tritanomaly

55.3710, 0.3756, 0.3313

Monochromacy



Original Color

55.2349, 0.3915, 0.3586

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

55.5237, 0.3396, 0.3408

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.2349, 0.3915, 0.3586 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(245, 182, 155)` looks like.

```
.text, #text, p{  
    color:rgb(245, 182, 155)  
}
```

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(245, 182, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(245, 182, 155) }
```

Border

The CSS property to change the border of an element to Yxy 55.2349, 0.3915, 0.3586 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(245, 182, 155) }
```

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

```
.border{ border-color:rgb(245, 182, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(245, 182, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(245, 182, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(245, 182, 155);  
box-shadow:4px 4px 4px 4px rgb(245, 182,  
155) }
```


Background

The CSS property to change the background color of an element to Yxy 55.2349, 0.3915, 0.3586 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(245, 182, 155) }
```

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

```
.background{ background-color: rgb(245,  
182, 155) }
```

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