

Converting Colors

$Y_{xy}(55.9951, 0.3926, 0.3572)$

Have a look what the booklet for
Yxy(55.9951, 0.3926, 0.3572)
contains.

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Color

Yxy(55.8127, 0.3932, 0.3572)

Conversions

Conversions Part 1

Format	Color
Hex	F8B69C
RGB	248, 182, 156
RGB Percent	97%, 71%, 61%
CMY	0.0275, 0.2862, 0.3881
CMYK	0.00, 0.27, 0.37, 0.03
HSL	17°, 87%, 79%
HSV	17°, 37%, 97%
XYZ	61.4377, 55.8127, 39.0001
YIQ	198.7700, 47.6820, 5.9060

Conversions

Conversions Part 2

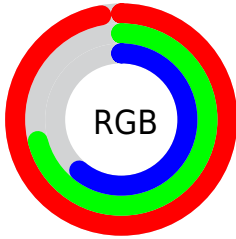
Format	Color
R _Y B	248, 192, 156
Decimal	16299676
CIE Lab	79.51, 20.65, 22.63
CIE LCh	80, 30.635, 47.623
Yxy	55.8127, 0.3932, 0.3572
Android (android.graphics.Color)	4294489756 (0xFFFF8B69C)
YUV	198.7700, -21.0856, 43.1747
Hunter-Lab	74.7079, 16.0547, 21.3441

Details

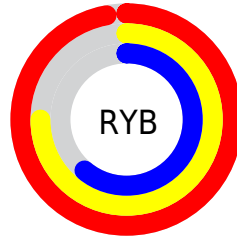
The Yxy color **55.8127, 0.3932, 0.3572** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **66.0910, 0.2564, 0.2985**, and the grayscale version is **57.0772, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.1122, 0.3415, 0.3560**, and **27.6676, 0.4144, 0.3624** is the 20% darker color. If you saturate the color by 10%, you get **48.2281, 0.4244, 0.3646**, and if you desaturate by 10%, it is **64.5000, 0.3663, 0.3493**.

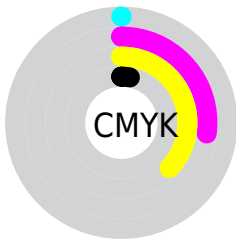
Distribution



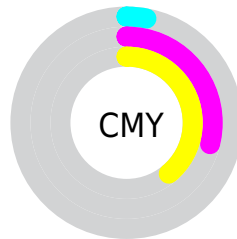
- Red (97%)
- Green (71%)
- Blue (61%)



- Red (97%)
- Yellow (75%)
- Blue (61%)



- Cyan (0%)
- Magenta (27%)
- Yellow (37%)
- Black (3%)





- Cyan (3%)
- Magenta (29%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.8127, 0.3932, 0.3572 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 55.8127, 0.3932, 0.3572 by changing the saturation by 10% instead.


 55.8127, 0.3932,
0.3572

 55.8127, 0.3932,
0.3572


408.9853, 0.3538,
0.3449

 40.0528, 0.4027,
0.3597


 98.7307, 0.3791,
0.3531

 27.5797, 0.4146,
0.3627


 126.6575, 0.3738,
0.3515

 18.0091, 0.4301,
0.3661


159.4088, 0.3692,
0.3500

 10.9565, 0.4508,
0.3700

197.3688, 0.3653,
0.3487

 6.0376, 0.4796,
0.3737

240.9221, 0.3619,
0.3476

 2.8680, 0.5228,
0.3763

290.4530, 0.3589,

 1.0632, 0.6143,

0.3466

0.3857

346.3460, 0.3562,
0.3457

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

55.8127, 0.3932,
0.3572

55.8127, 0.3932,
0.3572

48.2281, 0.4244,
0.3646

64.5000, 0.3663,
0.3493

41.6931, 0.4596,
0.3708

74.3244, 0.3435,
0.3415

36.1620, 0.4974,
0.3746

85.3287, 0.3244,
0.3340

31.5823, 0.5354,
0.3748

97.5365, 0.3084,
0.3272

■ 27.8960, 0.5697,
0.3706

■ 98.6934, 0.3084,
0.3290

■ 25.0370, 0.5967,
0.3619

■ 24.3421, 0.6034,
0.3591

Harmonies

Analogous

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



55.8127, 0.3787, 0.3244



55.8127, 0.3932, 0.3572



55.8127, 0.3843, 0.3856

Triad

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



55.8127, 0.3932, 0.3572



55.8127, 0.2785, 0.3674



55.8127, 0.2679, 0.2636

Complementary

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



55.8127, 0.3932, 0.3572



66.0910, 0.2564, 0.2985

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.



55.8127, 0.2446, 0.2701



55.8127, 0.3932, 0.3572



55.8127, 0.2503, 0.3283

Square

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



55.8127, 0.3932, 0.3572



55.8127, 0.3170, 0.3952



55.8127, 0.2384, 0.2927



55.8127, 0.3043, 0.2726

Rectangle

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



55.8127, 0.3932, 0.3572



55.8127, 0.3671, 0.3979



55.8127, 0.2384, 0.2927



55.8127, 0.2584, 0.2640

Sweetspot

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



55.8154, 0.3932, 0.3572



86.1487, 0.3315, 0.3369



49.0933, 0.3380, 0.2593



18.0972, 0.3341, 0.3379



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.



55.8154, 0.3932, 0.3572



53.7035, 0.4145, 0.3625



77.0349, 0.3760, 0.4020



18.0236, 0.3287, 0.3358



13.3557, 0.6006, 0.3613



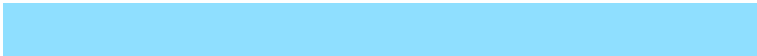
1.4085, 0.5774, 0.3797

Inverse Universe

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



66.0910, 0.2564, 0.2985



65.9767, 0.2467, 0.2917



45.4839, 0.2484, 0.2431



18.7310, 0.2980, 0.3221



21.0962, 0.1984, 0.2342



2.1336, 0.2019, 0.2469

Previews

White Background



This preview shows how the Yxy color 55.8127, 0.3932, 0.3572 looks on a white background.

Color Contrast Check

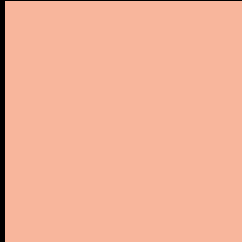
Large Text (above 18pt) WCAG AA × Fail

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 55.8127, 0.3932, 0.3572 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 55.8127, 0.3932, 0.3572

Background



This preview shows how black text looks on a background with the Yxy color 55.8127, 0.3932, 0.3572.



This preview shows how white text looks on a background with the Yxy color 55.8127, 0.3932, 0.3572.

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

55.8127, 0.3932, 0.3572

Protanopia

56.1322, 0.3485, 0.3700

Deuteranopia

55.7507, 0.3765, 0.3678



Tritanopia

55.7151, 0.3662, 0.3143

Trichromacy



Original Color

55.8127, 0.3932, 0.3572

Protanomaly

55.9253, 0.3644, 0.3663

Deuteranomaly

55.4889, 0.3829, 0.3638

Tritanomaly

55.7785, 0.3765, 0.3303

Monochromacy



Original Color

55.8127, 0.3932, 0.3572

Achromatopsia

57.1125, 0.3127, 0.3290

Achromatomaly

56.3105, 0.3403, 0.3408

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.8127, 0.3932, 0.3572 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, 182, 156)` looks like.

```
.text, #text, p{  
    color:rgb(248, 182, 156)  
}
```

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, 182, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(248, 182, 156) }
```

Border

The CSS property to change the border of an element to Yxy 55.8127, 0.3932, 0.3572 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, 182, 156) }
```

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

```
.border{ border-color:rgb(248, 182, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(248, 182, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(248, 182, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(248, 182, 156);  
box-shadow:4px 4px 4px 4px rgb(248, 182,  
156) }
```


Background

The CSS property to change the background color of an element to Yxy 55.8127, 0.3932, 0.3572 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(248, 182, 156) }
```

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

```
.background{ background-color: rgb(248,  
182, 156) }
```

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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