

Converting Colors

Yxy(56.8493, 0.4061, 0.3834)

Have a look what the booklet for
Yxy(56.8493, 0.4061, 0.3834)
contains.

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Color

Yxy(56.9111, 0.4062, 0.3839)

Conversions

Conversions Part 1

Format	Color
Hex	F6BB88
RGB	246, 187, 136
RGB Percent	96%, 73%, 53%
CMY	0.0354, 0.2666, 0.4665
CMYK	0.00, 0.24, 0.45, 0.04
HSL	28°, 86%, 75%
HSV	28°, 45%, 96%
XYZ	60.2170, 56.9111, 31.1165
YIQ	198.8270, 51.5350, -3.3530

Conversions

Conversions Part 2

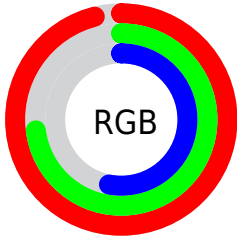
Format	Color
R _Y B	246, 231, 136
Decimal	16169864
CIE Lab	80.13, 15.08, 34.00
CIE LCh	80, 37.199, 66.080
Yxy	56.9111, 0.4062, 0.3839
Android (android.graphics.Color)	4294359944 (0xFFFF6BB88)
YUV	198.8270, -30.9737, 41.3707
Hunter-Lab	75.4394, 10.4625, 28.3522

Details

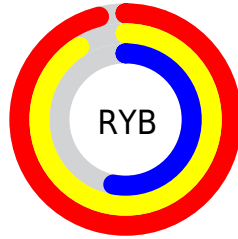
The Yxy color **56.9111, 0.4062, 0.3839** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **50.9212, 0.2414, 0.2655**, and the grayscale version is **57.1739, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.0789, 0.3541, 0.3820**, and **28.2709, 0.4296, 0.3961** is the 20% darker color. If you saturate the color by 10%, you get **50.9491, 0.4341, 0.3950**, and if you desaturate by 10%, it is **63.5533, 0.3806, 0.3716**.

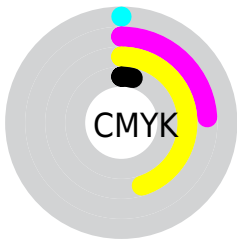
Distribution



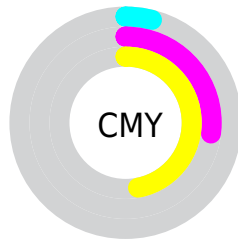
- Red (96%)
- Green (73%)
- Blue (53%)



- Red (96%)
- Yellow (91%)
- Blue (53%)



- Cyan (0%)
- Magenta (24%)
- Yellow (45%)
- Black (4%)





- Cyan (4%)
- Magenta (27%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.9111, 0.4062, 0.3839 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 56.9111, 0.4062, 0.3839 by changing the saturation by 10% instead.


 56.9111, 0.4062,
0.3839


 56.9111, 0.4062,
0.3839


413.1161, 0.3611,
0.3593

 40.9339, 0.4167,
0.3891


 100.3355, 0.3903,
0.3757

 28.2674, 0.4298,
0.3952


 128.5514, 0.3842,
0.3724

 18.5273, 0.4463,
0.4023


 161.6157, 0.3790,
0.3695

 11.3292, 0.4677,
0.4104

199.9127, 0.3744,
0.3669

 6.2887, 0.4957,
0.4188

243.8268, 0.3705,
0.3647

 3.0214, 0.5524,
0.4404

293.7425, 0.3670,

 1.1429, 0.5808,

0.3627

0.4192

350.0442, 0.3639,
0.3609

0.0143, 0.9638,
0.0362

0.0000, 0.0000,
0.0000

56.9111, 0.4062,
0.3839

56.9111, 0.4062,
0.3839

50.9491, 0.4341,
0.3950

63.5533, 0.3806,
0.3716

45.6343, 0.4634,
0.4036

70.8909, 0.3578,
0.3588

40.9424, 0.4927,
0.4086

78.9486, 0.3376,
0.3463

36.8439, 0.5200,
0.4085

87.7473, 0.3201,
0.3344

■ 33.3050, 0.5433,
0.4029

■ 97.0449, 0.3072,
0.3270

■ 31.6354, 0.5541,
0.3982

■ 98.3291, 0.3072,
0.3290

Harmonies

Analogous

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



56.9111, 0.4066, 0.3467



56.9111, 0.4062, 0.3839



56.9111, 0.3795, 0.4108

Triad

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



56.9111, 0.4062, 0.3839



56.9111, 0.2488, 0.3465



56.9111, 0.2841, 0.2561

Complementary

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



56.9111, 0.4062, 0.3839



50.9212, 0.2414, 0.2655

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.



56.9111, 0.2463, 0.2519



56.9111, 0.4062, 0.3839



56.9111, 0.2271, 0.2995

Square

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



56.9111, 0.4062, 0.3839



56.9111, 0.2880, 0.3917



56.9111, 0.2264, 0.2662



56.9111, 0.3328, 0.2764

Rectangle

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



56.9111, 0.4062, 0.3839



56.9111, 0.3515, 0.4173



56.9111, 0.2264, 0.2662



56.9111, 0.2698, 0.2527

Sweetspot

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



56.9138, 0.4062, 0.3839



87.2220, 0.3345, 0.3443



41.2162, 0.3654, 0.2650



18.2342, 0.3387, 0.3470



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.



56.9138, 0.4062, 0.3839



55.6588, 0.4324, 0.3944



83.9722, 0.3814, 0.4343



17.7489, 0.3282, 0.3400



17.1633, 0.5514, 0.4004



1.7119, 0.5307, 0.4168

Inverse Universe

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



50.9212, 0.2414, 0.2655



48.3513, 0.2272, 0.2492



31.0973, 0.2293, 0.1959



17.3989, 0.2980, 0.3177



12.6350, 0.1806, 0.1700



1.3161, 0.1865, 0.1914

Previews

White Background



This preview shows how the Yxy color 56.9111, 0.4062, 0.3839 looks on a white background.

Color Contrast Check

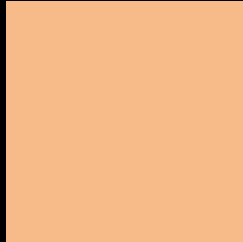
Large Text (above 18pt) WCAG AA × Fail

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 56.9111, 0.4062, 0.3839 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 56.9111, 0.4062, 0.3839

Background



This preview shows how black text looks on a background with the Yxy color 56.9111, 0.4062, 0.3839.



This preview shows how white text looks on a background with the Yxy color 56.9111, 0.4062, 0.3839.

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

56.9111, 0.4062, 0.3839

Protanopia

57.2170, 0.3701, 0.3976

Deuteranopia

56.7533, 0.3986, 0.3897



Tritanopia

57.0020, 0.3637, 0.3154

Trichromacy



Original Color

56.9111, 0.4062, 0.3839

Protanomaly

57.0630, 0.3827, 0.3932

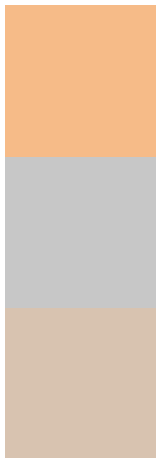
Deuteranomaly

56.8452, 0.4017, 0.3881

Tritanomaly

56.9853, 0.3797, 0.3410

Monochromacy



Original Color

56.9111, 0.4062, 0.3839

Achromatopsia

57.1125, 0.3127, 0.3290

Achromatomaly

56.7637, 0.3446, 0.3514

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.9111, 0.4062, 0.3839 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(246, 187, 136)` looks like.

```
.text, #text, p{  
    color:rgb(246, 187, 136)  
}
```

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(246, 187, 136) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(246, 187, 136) }
```

Border

The CSS property to change the border of an element to Yxy 56.9111, 0.4062, 0.3839 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(246, 187, 136) }
```

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

```
.border{ border-color:rgb(246, 187, 136) }
```

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

Here you see how a box with a 4 pixel `rgb(246, 187, 136)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(246, 187, 136); -webkit-box-  
shadow:4px 4px 4px 4px rgb(246, 187, 136);  
box-shadow:4px 4px 4px 4px rgb(246, 187,  
136) }
```


Background

The CSS property to change the background color of an element to Yxy 56.9111, 0.4062, 0.3839 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(246, 187, 136) }
```

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

```
.background{ background-color: rgb(246,  
187, 136) }
```

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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