

Converting Colors

$Yxy(56.5913, 0.3946, 0.3581)$

Have a look what the booklet for
Yxy(56.5913, 0.3946, 0.3581)
contains.

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Color

Yxy(56.5913, 0.3946, 0.3581)

Conversions

Conversions Part 1

Format	Color
Hex	FAB79C
RGB	250, 183, 156
RGB Percent	98%, 72%, 61%
CMY	0.0196, 0.2823, 0.3883
CMYK	0.00, 0.27, 0.38, 0.02
HSL	17°, 90%, 80%
HSV	17°, 38%, 98%
XYZ	62.3595, 56.5913, 39.0813
YIQ	199.9550, 48.5990, 5.8070

Conversions

Conversions Part 2

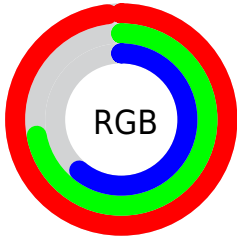
Format	Color
R _Y B	250, 194, 156
Decimal	16431004
CIE Lab	79.95, 20.89, 23.30
CIE LCh	80, 31.293, 48.110
Yxy	56.5913, 0.3946, 0.3581
Android (android.graphics.Color)	4294621084 (0xFFFA B79C)
YUV	199.9550, -21.6698, 43.8895
Hunter-Lab	75.2272, 16.3197, 21.8572

Details

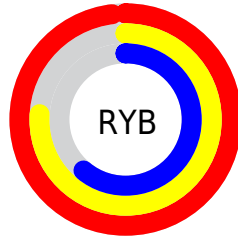
The Yxy color **56.5913, 0.3946, 0.3581** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **66.7376, 0.2556, 0.2974**, and the grayscale version is **57.8444, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.6962, 0.3413, 0.3569**, and **28.1917, 0.4160, 0.3634** is the 20% darker color. If you saturate the color by 10%, you get **48.9419, 0.4259, 0.3656**, and if you desaturate by 10%, it is **65.3507, 0.3676, 0.3501**.

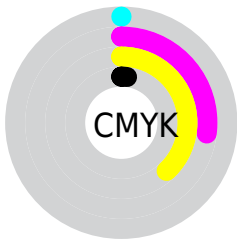
Distribution



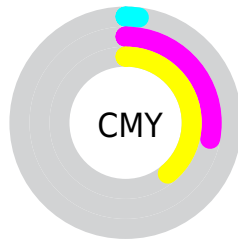
- Red (98%)
- Green (72%)
- Blue (61%)



- Red (98%)
- Yellow (76%)
- Blue (61%)



- Cyan (0%)
- Magenta (27%)
- Yellow (38%)
- Black (2%)





- Cyan (2%)
- Magenta (28%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.5913, 0.3946, 0.3581 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 56.5913, 0.3946, 0.3581 by changing the saturation by 10% instead.

 56.5913, 0.3946,
0.3581


 56.5913, 0.3946,
0.3581


411.9161, 0.3547,
0.3454

 40.6772, 0.4042,
0.3607


 99.8686, 0.3804,
0.3539

 28.0669, 0.4162,
0.3637


 128.0006, 0.3749,
0.3522

 18.3761, 0.4318,
0.3672


160.9740, 0.3703,
0.3507

 11.2204, 0.4526,
0.3711

199.1732, 0.3663,
0.3494

 6.2153, 0.4815,
0.3749

242.9826, 0.3628,
0.3482

 2.9764, 0.5242,
0.3774

292.7866, 0.3598,

 1.1194, 0.6137,

0.3472

0.3863

348.9697, 0.3571,
0.3463

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

56.5913, 0.3946,
0.3581

56.5913, 0.3946,
0.3581

48.9419, 0.4259,
0.3656

65.3507, 0.3676,
0.3501

42.3491, 0.4611,
0.3718

75.2546, 0.3446,
0.3421

36.7667, 0.4988,
0.3755

86.3462, 0.3253,
0.3345

32.1418, 0.5365,
0.3756

98.5998, 0.3097,
0.3283

■ 28.4161, 0.5704,
0.3711

■ 99.0654, 0.3096,
0.3290

■ 25.5223, 0.5969,
0.3622

■ 24.9403, 0.6023,
0.3599

Harmonies

Analogous

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



56.5913, 0.3803, 0.3248



56.5913, 0.3946, 0.3581



56.5913, 0.3852, 0.3869

Triad

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



56.5913, 0.3946, 0.3581



56.5913, 0.2773, 0.3675



56.5913, 0.2677, 0.2627

Complementary

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



56.5913, 0.3946, 0.3581



66.7376, 0.2556, 0.2974

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.



56.5913, 0.2438, 0.2689



56.5913, 0.3946, 0.3581



56.5913, 0.2489, 0.3276

Square

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



56.5913, 0.3946, 0.3581



56.5913, 0.3163, 0.3961



56.5913, 0.2372, 0.2915



56.5913, 0.3048, 0.2720

Rectangle

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



56.5913, 0.3946, 0.3581



56.5913, 0.3674, 0.3992



56.5913, 0.2372, 0.2915



56.5913, 0.2580, 0.2629

Sweetspot

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



56.5940, 0.3946, 0.3581



86.2262, 0.3315, 0.3370



49.4446, 0.3398, 0.2598



18.1156, 0.3341, 0.3381



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.



56.5940, 0.3946, 0.3581



53.1349, 0.4175, 0.3638



79.1164, 0.3764, 0.4045



18.0376, 0.3287, 0.3359



13.4401, 0.5994, 0.3622



1.4178, 0.5763, 0.3806

Inverse Universe

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



66.7376, 0.2556, 0.2974



65.0722, 0.2453, 0.2900



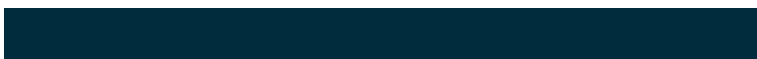
45.1594, 0.2471, 0.2397



18.7163, 0.2980, 0.3220



20.8420, 0.1979, 0.2325



2.1117, 0.2015, 0.2454

Previews

White Background



This preview shows how the Yxy color 56.5913, 0.3946, 0.3581 looks on a white background.

Color Contrast Check

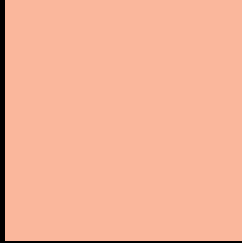
Large Text (above 18pt) WCAG AA × Fail

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 56.5913, 0.3946, 0.3581 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 56.5913, 0.3946, 0.3581

Background



This preview shows how black text looks on a background with the Yxy color 56.5913, 0.3946, 0.3581.



This preview shows how white text looks on a background with the Yxy color 56.5913, 0.3946, 0.3581.

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

56.5913, 0.3946, 0.3581

Protanopia

56.7341, 0.3491, 0.3710

Deuteranopia

56.9518, 0.3775, 0.3697



Tritanopia

56.5292, 0.3668, 0.3144

Trichromacy



Original Color

56.5913, 0.3946, 0.3581

Protanomaly

56.6855, 0.3658, 0.3672

Deuteranomaly

56.6837, 0.3839, 0.3657

Tritanomaly

56.5926, 0.3770, 0.3303

Monochromacy



Original Color

56.5913, 0.3946, 0.3581

Achromatopsia

57.7580, 0.3127, 0.3290

Achromatomaly

56.9497, 0.3402, 0.3407

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.5913, 0.3946, 0.3581 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, 183, 156)` looks like.

```
.text, #text, p{  
    color:rgb(250, 183, 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(250, 183, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 183, 156) }
```

Border

The CSS property to change the border of an element to Yxy 56.5913, 0.3946, 0.3581 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, 183, 156) }
```

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

```
.border{ border-color:rgb(250, 183, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 183, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 183, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 183, 156);  
box-shadow:4px 4px 4px 4px rgb(250, 183,  
156) }
```


Background

The CSS property to change the background color of an element to Yxy 56.5913, 0.3946, 0.3581 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 183, 156) }
```

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

```
.background{ background-color: rgb(250,  
183, 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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