

Converting Colors

$Y_{xy}(56.0264, 0.3992, 0.3679)$

Have a look what the booklet for
Yxy(56.0264, 0.3992, 0.3679)
contains.

Yxy(56.1933, 0.3985, 0.3680)	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(56.1933, 0.3985, 0.3680)

Conversions

Conversions Part 1

Format	Color
Hex	F7B894
RGB	247, 184, 148
RGB Percent	97%, 72%, 58%
CMY	0.0313, 0.2785, 0.4196
CMYK	0.00, 0.26, 0.40, 0.03
HSL	22°, 86%, 77%
HSV	22°, 40%, 97%
XYZ	60.8506, 56.1933, 35.6553
YIQ	198.7330, 49.1040, 2.1600

Conversions

Conversions Part 2

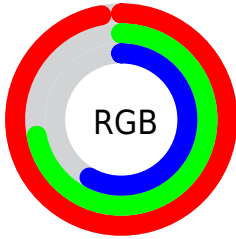
Format	Color
R _Y B	247, 205, 148
Decimal	16234644
CIE Lab	79.72, 18.33, 27.19
CIE LCh	80, 32.791, 56.007
Yxy	56.1933, 0.3985, 0.3680
Android (android.graphics.Color)	4294424724 (0xFFF7B894)
YUV	198.7330, -25.0114, 42.3302
Hunter-Lab	74.9622, 13.7137, 24.2726

Details

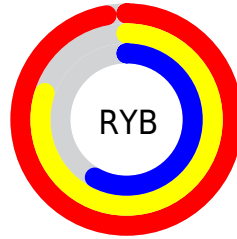
The Yxy color **56.1933, 0.3985, 0.3680** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **59.6174, 0.2506, 0.2857**, and the grayscale version is **57.0771, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.8444, 0.3470, 0.3670**, and **27.9145, 0.4212, 0.3761** is the 20% darker color. If you saturate the color by 10%, you get **49.3221, 0.4284, 0.3773**, and if you desaturate by 10%, it is **63.9629, 0.3720, 0.3580**.

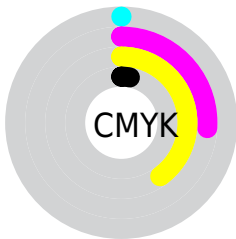
Distribution



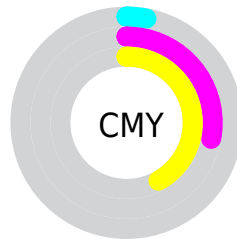
- Red (97%)
- Green (72%)
- Blue (58%)



- Red (97%)
- Yellow (80%)
- Blue (58%)



- Cyan (0%)
- Magenta (26%)
- Yellow (40%)
- Black (3%)





- Cyan (3%)
- Magenta (28%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.1933, 0.3985, 0.3680 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 56.1933, 0.3985, 0.3680 by changing the saturation by 10% instead.


 56.1933, 0.3985,
0.3680


 56.1933, 0.3985,
0.3680


410.4196, 0.3567,
0.3507

 40.3579, 0.4085,
0.3716


 99.2871, 0.3836,
0.3622

 27.8177, 0.4209,
0.3759


 127.3144, 0.3780,
0.3599

 18.1883, 0.4370,
0.3809

160.1744, 0.3731,
0.3579

 11.0853, 0.4582,
0.3866

198.2516, 0.3689,
0.3561

 6.1242, 0.4872,
0.3926

241.9303, 0.3653,
0.3545

 2.9208, 0.5338,
0.4008

291.5949, 0.3621,

 1.0905, 0.6007,

0.3531

0.3993

347.6299, 0.3593,
0.3518

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

56.1933, 0.3985,
0.3680

56.1933, 0.3985,
0.3680

49.3221, 0.4284,
0.3773

63.9629, 0.3720,
0.3580

43.3068, 0.4613,
0.3848

72.6552, 0.3491,
0.3480

38.1133, 0.4957,
0.3893

82.3034, 0.3295,
0.3382

33.7016, 0.5292,
0.3896

92.9366, 0.3129,
0.3291

■ 30.0271, 0.5590,
0.3848

■ 98.5191, 0.3078,
0.3290

■ 27.0562, 0.5828,
0.3754

Harmonies

Analogous

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



56.1933, 0.3900, 0.3336



56.1933, 0.3985, 0.3680



56.1933, 0.3823, 0.3956

Triad

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



56.1933, 0.3985, 0.3680



56.1933, 0.2663, 0.3589



56.1933, 0.2746, 0.2607

Complementary

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



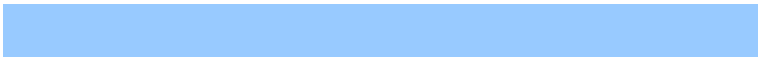
56.1933, 0.3985, 0.3680



59.6174, 0.2506, 0.2857

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.



56.1933, 0.2455, 0.2626



56.1933, 0.3985, 0.3680



56.1933, 0.2408, 0.3165

Square

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



56.1933, 0.3985, 0.3680



56.1933, 0.3051, 0.3938



56.1933, 0.2336, 0.2817



56.1933, 0.3158, 0.2744

Rectangle

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



56.1933, 0.3985, 0.3680



56.1933, 0.3607, 0.4055



56.1933, 0.2336, 0.2817



56.1933, 0.2632, 0.2595

Sweetspot

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



56.1960, 0.3985, 0.3680



86.3799, 0.3331, 0.3401



45.7308, 0.3484, 0.2617



18.1914, 0.3356, 0.3413



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.



56.1960, 0.3985, 0.3680



54.4225, 0.4222, 0.3755



79.7280, 0.3784, 0.4154



17.4686, 0.3285, 0.3377



14.5515, 0.5798, 0.3778



1.4673, 0.5561, 0.3967

Inverse Universe

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



59.6174, 0.2506, 0.2857



58.5191, 0.2391, 0.2753



39.1553, 0.2410, 0.2243



17.6857, 0.2980, 0.3202



16.6234, 0.1904, 0.2053



1.6560, 0.1952, 0.2225

Previews

White Background



This preview shows how the Yxy color 56.1933, 0.3985, 0.3680 looks on a white background.

Color Contrast Check

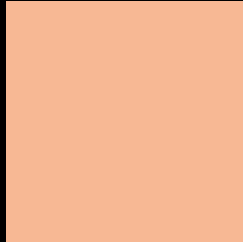
Large Text (above 18pt) WCAG AA × Fail

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 56.1933, 0.3985, 0.3680 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 56.1933, 0.3985, 0.3680

Background



This preview shows how black text looks on a background with the Yxy color 56.1933, 0.3985, 0.3680.



This preview shows how white text looks on a background with the Yxy color 56.1933, 0.3985, 0.3680.

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

56.1933, 0.3985, 0.3680

Protanopia

56.5701, 0.3570, 0.3818

Deuteranopia

56.4259, 0.3854, 0.3774



Tritanopia

56.1558, 0.3651, 0.3143

Trichromacy



Original Color

56.1933, 0.3985, 0.3680

Protanomaly

56.2542, 0.3714, 0.3766

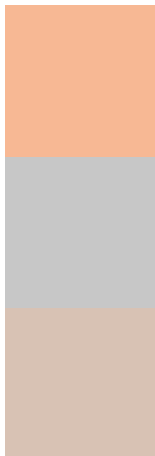
Deuteranomaly

56.4237, 0.3906, 0.3745

Tritanomaly

56.1011, 0.3779, 0.3335

Monochromacy



Original Color

56.1933, 0.3985, 0.3680

Achromatopsia

57.1125, 0.3127, 0.3290

Achromatomaly

56.4778, 0.3417, 0.3455

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.1933, 0.3985, 0.3680 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(247, 184, 148)` looks like.

```
.text, #text, p{  
    color:rgb(247, 184, 148)  
}
```

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(247, 184, 148) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(247, 184, 148) }
```

Border

The CSS property to change the border of an element to Yxy 56.1933, 0.3985, 0.3680 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(247, 184, 148) }
```

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

```
.border{ border-color:rgb(247, 184, 148) }
```

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

Here you see how a box with a 4 pixel rgb(247, 184, 148) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(247, 184, 148); -webkit-box-  
shadow:4px 4px 4px 4px rgb(247, 184, 148);  
box-shadow:4px 4px 4px 4px rgb(247, 184,  
148) }
```


Background

The CSS property to change the background color of an element to Yxy 56.1933, 0.3985, 0.3680 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(247, 184, 148) }
```

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

```
.background{ background-color: rgb(247,  
184, 148) }
```

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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