

Converting Colors

$Y_{xy}(60.3943, 0.3842, 0.3570)$

Have a look what the booklet for
Yxy(60.3943, 0.3842, 0.3570)
contains.

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Color

Yxy(60.3022, 0.3838, 0.3569)

Conversions

Conversions Part 1

Format	Color
Hex	FABFA5
RGB	250, 191, 165
RGB Percent	98%, 75%, 65%
CMY	0.0196, 0.2510, 0.3530
CMYK	0.00, 0.24, 0.34, 0.02
HSL	18°, 89%, 81%
HSV	18°, 34%, 98%
XYZ	64.8473, 60.3022, 43.8116
YIQ	205.6770, 43.5100, 4.4220

Conversions

Conversions Part 2

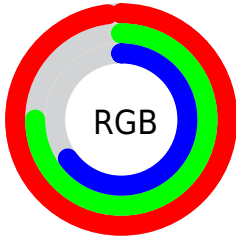
Format	Color
R _Y B	250, 202, 165
Decimal	16433061
CIE Lab	82.00, 17.75, 21.32
CIE LCh	82, 27.738, 50.221
Yxy	60.3022, 0.3838, 0.3569
Android (android.graphics.Color)	4294623141 (0xFFFABFA5)
YUV	205.6770, -20.0538, 38.8713
Hunter-Lab	77.6545, 13.1654, 20.9075

Details

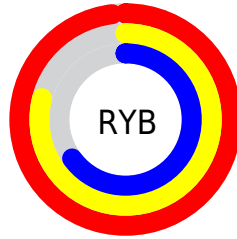
The Yxy color **60.3022, 0.3838, 0.3569** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **68.2051, 0.2605, 0.2990**, and the grayscale version is **61.6152, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.9488, 0.3344, 0.3556**, and **30.2900, 0.4024, 0.3621** is the 20% darker color. If you saturate the color by 10%, you get **52.3573, 0.4131, 0.3652**, and if you desaturate by 10%, it is **69.3272, 0.3586, 0.3483**.

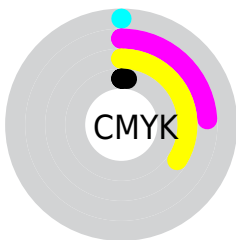
Distribution



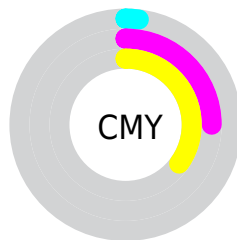
- Red (98%)
- Green (75%)
- Blue (65%)



- Red (98%)
- Yellow (79%)
- Blue (65%)



- Cyan (0%)
- Magenta (24%)
- Yellow (34%)
- Black (2%)





- Cyan (2%)
- Magenta (25%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.3022, 0.3838, 0.3569 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 60.3022, 0.3838, 0.3569 by changing the saturation by 10% instead.


 60.3022, 0.3838,
0.3569


 60.3022, 0.3838,
0.3569

425.7108, 0.3495,
0.3446

 43.6623, 0.3919,
0.3595


 105.2679, 0.3716,
0.3528

 30.4051, 0.4021,
0.3626


 134.3625, 0.3670,
0.3511

 20.1463, 0.4153,
0.3663


168.3774, 0.3630,
0.3497

 12.5014, 0.4328,
0.3706

207.6970, 0.3596,
0.3484

 7.0861, 0.4570,
0.3756

252.7058, 0.3566,
0.3473

 3.5160, 0.4923,
0.3805

303.7881, 0.3539,

 1.4067, 0.5892,

0.3463

0.4108

361.3283, 0.3516,
0.3454

0.2217, 0.7439,
0.2561

0.0000, 0.0000,
0.0000

60.3022, 0.3838,
0.3569

60.3022, 0.3838,
0.3569

52.3573, 0.4131,
0.3652

69.3272, 0.3586,
0.3483

45.4422, 0.4463,
0.3724

79.4629, 0.3372,
0.3400

39.5155, 0.4825,
0.3776

90.7493, 0.3191,
0.3320

34.5292, 0.5197,
0.3795

99.0652, 0.3096,
0.3290

■ 30.4306, 0.5547,
0.3769

■ 27.1609, 0.5838,
0.3695

■ 25.5646, 0.5978,
0.3635

Harmonies

Analogous

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



60.3022, 0.3727, 0.3278



60.3022, 0.3838, 0.3569



60.3022, 0.3745, 0.3811

Triad

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



60.3022, 0.3838, 0.3569



60.3022, 0.2799, 0.3600



60.3022, 0.2755, 0.2710

Complementary

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



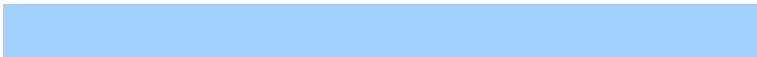
60.3022, 0.3838, 0.3569



68.2051, 0.2605, 0.2990

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.



60.3022, 0.2534, 0.2758



60.3022, 0.3838, 0.3569



60.3022, 0.2558, 0.3257

Square

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



60.3022, 0.3838, 0.3569



60.3022, 0.3137, 0.3855



60.3022, 0.2464, 0.2949



60.3022, 0.3085, 0.2800

Rectangle

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



60.3022, 0.3838, 0.3569



60.3022, 0.3585, 0.3907



60.3022, 0.2464, 0.2949



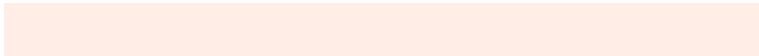
60.3022, 0.2667, 0.2710

Sweetspot

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



60.3050, 0.3838, 0.3569



87.6895, 0.3296, 0.3367



52.6395, 0.3378, 0.2678



18.4200, 0.3322, 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.



60.3050, 0.3838, 0.3569



57.1152, 0.4040, 0.3628



81.3205, 0.3694, 0.3986



18.0914, 0.3286, 0.3363



13.7812, 0.5949, 0.3658



1.4551, 0.5717, 0.3842

Inverse Universe

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



68.2051, 0.2605, 0.2990



66.5246, 0.2504, 0.2917



48.3523, 0.2538, 0.2479



18.6595, 0.2980, 0.3216



19.8809, 0.1961, 0.2258



2.0286, 0.1999, 0.2396

Previews

White Background



This preview shows how the Yxy color 60.3022, 0.3838, 0.3569 looks on a white background.

Color Contrast Check

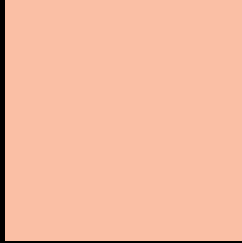
Large Text (above 18pt) WCAG AA × Fail

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 60.3022, 0.3838, 0.3569 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

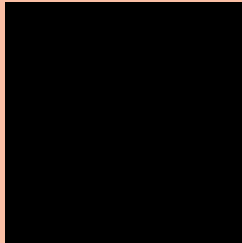
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 60.3022, 0.3838, 0.3569

Background



This preview shows how black text looks on a background with the Yxy color 60.3022, 0.3838, 0.3569.



This preview shows how white text looks on a background with the Yxy color 60.3022, 0.3838, 0.3569.

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

60.3022, 0.3838, 0.3569

Protanopia

60.5731, 0.3458, 0.3676

Deuteranopia

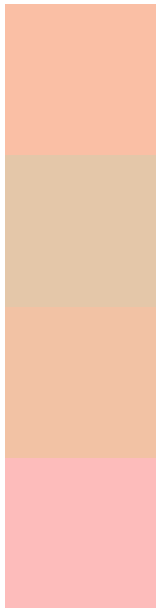
60.3373, 0.3727, 0.3645



Tritanopia

60.3588, 0.3589, 0.3146

Trichromacy



Original Color

60.3022, 0.3838, 0.3569

Protanomaly

60.2054, 0.3593, 0.3631

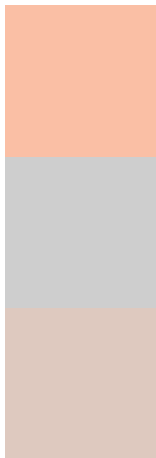
Deuteranomaly

60.1412, 0.3768, 0.3619

Tritanomaly

60.4369, 0.3686, 0.3302

Monochromacy



Original Color

60.3022, 0.3838, 0.3569

Achromatopsia

61.7207, 0.3127, 0.3290

Achromatomaly

61.0645, 0.3368, 0.3404

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.3022, 0.3838, 0.3569 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, 191, 165)` looks like.

```
.text, #text, p{  
    color:rgb(250, 191, 165)  
}
```

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, 191, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(250, 191, 165) }
```

Border

The CSS property to change the border of an element to Yxy 60.3022, 0.3838, 0.3569 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, 191, 165) }
```

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

```
.border{ border-color:rgb(250, 191, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(250, 191, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(250, 191, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(250, 191, 165);  
box-shadow:4px 4px 4px 4px rgb(250, 191,  
165) }
```


Background

The CSS property to change the background color of an element to Yxy 60.3022, 0.3838, 0.3569 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(250, 191, 165) }
```

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

```
.background{ background-color: rgb(250,  
191, 165) }
```

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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