

Converting Colors

$Y_{xy}(50.7065, 0.3869, 0.3460)$

Have a look what the booklet for
Yxy(50.7065, 0.3869, 0.3460)
contains.

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Color

Yxy(50.7065, 0.3869, 0.3460)

Conversions

Conversions Part 1

Format	Color
Hex	EFAD9E
RGB	239, 173, 158
RGB Percent	94%, 68%, 62%
CMY	0.0629, 0.3215, 0.3804
CMYK	0.00, 0.28, 0.34, 0.06
HSL	11°, 72%, 78%
HSV	11°, 34%, 94%
XYZ	56.7004, 50.7065, 39.1437
YIQ	191.0240, 44.1510, 9.3270

Conversions

Conversions Part 2

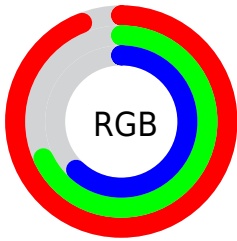
Format	Color
R _Y B	239, 176, 158
Decimal	15707550
CIE Lab	76.50, 22.20, 17.27
CIE LCh	77, 28.126, 37.892
Yxy	50.7065, 0.3869, 0.3460
Android (android.graphics.Color)	4293897630 (0xFFEFAD9E)
YUV	191.0240, -16.2808, 42.0750
Hunter-Lab	71.2085, 17.5174, 17.2539

Details

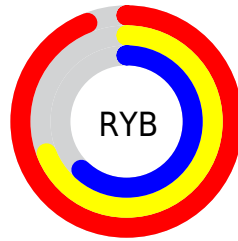
The Yxy color **50.7065, 0.3869, 0.3460** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **66.7690, 0.2624, 0.3111**, and the grayscale version is **52.1923, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.1027, 0.3416, 0.3451**, and **24.3182, 0.4070, 0.3481** is the 20% darker color. If you saturate the color by 10%, you get **43.0358, 0.4191, 0.3510**, and if you desaturate by 10%, it is **59.6289, 0.3599, 0.3408**.

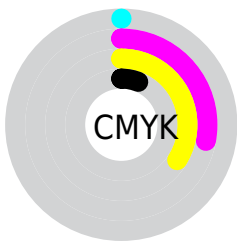
Distribution



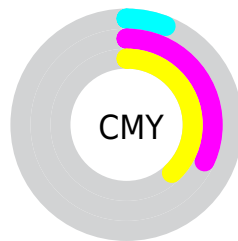
- Red (94%)
- Green (68%)
- Blue (62%)



- Red (94%)
- Yellow (69%)
- Blue (62%)



- Cyan (0%)
- Magenta (28%)
- Yellow (34%)
- Black (6%)





- Cyan (6%)
- Magenta (32%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.7065, 0.3869, 0.3460 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 50.7065, 0.3869, 0.3460 by changing the saturation by 10% instead.


 50.7065, 0.3869,
0.3460

 50.7065, 0.3869,
0.3460


389.4224, 0.3500,
0.3387

 35.9751, 0.3960,
0.3474


 91.2208, 0.3735,
0.3436

 24.4150, 0.4076,
0.3491


 117.7724, 0.3685,
0.3427

 15.6417, 0.4229,
0.3509


149.0330, 0.3642,
0.3418

 9.2710, 0.4439,
0.3527

185.3867, 0.3606,
0.3410

 4.9184, 0.4741,
0.3539

227.2182, 0.3574,
0.3404

 2.1994, 0.5216,
0.3530

274.9117, 0.3546,

 0.7197, 0.6414,

0.3398

0.3586

328.8516, 0.3521,
0.3392

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

50.7065, 0.3869,
0.3460

50.7065, 0.3869,
0.3460

43.0358, 0.4191,
0.3510

59.6289, 0.3599,
0.3408

36.5535, 0.4563,
0.3553

69.8483, 0.3374,
0.3356

31.2016, 0.4975,
0.3579

81.4166, 0.3190,
0.3308

26.9142, 0.5398,
0.3581

94.3806, 0.3038,
0.3263

■ 23.6184, 0.5788,
0.3550

■ 97.0832, 0.3029,
0.3290

■ 21.2314, 0.6090,
0.3486

■ 20.1719, 0.6224,
0.3440

Harmonies

Analogous

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



50.7065, 0.3665, 0.3149



50.7065, 0.3869, 0.3460



50.7065, 0.3857, 0.3751

Triad

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



50.7065, 0.3869, 0.3460



50.7065, 0.2915, 0.3756



50.7065, 0.2614, 0.2671

Complementary

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



50.7065, 0.3869, 0.3460



66.7690, 0.2624, 0.3111

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.



50.7065, 0.2441, 0.2785



50.7065, 0.3869, 0.3460



50.7065, 0.2606, 0.3408

Square

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



50.7065, 0.3869, 0.3460



50.7065, 0.3294, 0.3958



50.7065, 0.2438, 0.3046



50.7065, 0.2926, 0.2711

Rectangle

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



50.7065, 0.3869, 0.3460



50.7065, 0.3732, 0.3896



50.7065, 0.2438, 0.3046



50.7065, 0.2539, 0.2692

Sweetspot

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



50.7089, 0.3869, 0.3460



85.9243, 0.3299, 0.3337



48.1831, 0.3292, 0.2589



17.9956, 0.3326, 0.3344



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.



50.7089, 0.3869, 0.3460



52.1739, 0.4097, 0.3497



68.5607, 0.3722, 0.3889



16.2335, 0.3289, 0.3335



11.2901, 0.6201, 0.3458



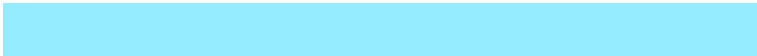
1.0698, 0.5964, 0.3647

Inverse Universe

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



66.7690, 0.2624, 0.3111



73.5012, 0.2528, 0.3067



47.6266, 0.2558, 0.2607



17.4008, 0.2981, 0.3245



25.1013, 0.2079, 0.2685



2.2159, 0.2104, 0.2773

Previews

White Background



This preview shows how the Yxy color 50.7065, 0.3869, 0.3460 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 50.7065, 0.3869, 0.3460 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

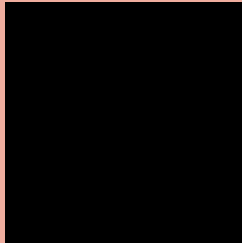
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 50.7065, 0.3869, 0.3460

Background



This preview shows how black text looks on a background with the Yxy color 50.7065, 0.3869, 0.3460.



This preview shows how white text looks on a background with the Yxy color 50.7065, 0.3869, 0.3460.

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

50.7065, 0.3869, 0.3460

Protanopia

51.1541, 0.3384, 0.3579

Deuteranopia

50.9163, 0.3673, 0.3601



Tritanopia

50.4541, 0.3676, 0.3148

Trichromacy



Original Color

50.7065, 0.3869, 0.3460

Protanomaly

50.6575, 0.3556, 0.3533

Deuteranomaly

50.8433, 0.3738, 0.3548

Tritanomaly

50.2918, 0.3748, 0.3259

Monochromacy



Original Color

50.7065, 0.3869, 0.3460

Achromatopsia

52.0996, 0.3127, 0.3290

Achromatomaly

50.9455, 0.3374, 0.3351

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.7065, 0.3869, 0.3460 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(239, 173, 158)` looks like.

```
.text, #text, p{  
    color:rgb(239, 173, 158)  
}
```

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(239, 173, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(239, 173, 158) }
```

Border

The CSS property to change the border of an element to Yxy 50.7065, 0.3869, 0.3460 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(239, 173, 158) }
```

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

```
.border{ border-color:rgb(239, 173, 158) }
```

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

Here you see how a box with a 4 pixel rgb(239, 173, 158) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(239, 173, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(239, 173, 158);  
box-shadow:4px 4px 4px 4px rgb(239, 173,  
158) }
```


Background

The CSS property to change the background color of an element to Yxy 50.7065, 0.3869, 0.3460 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(239, 173, 158) }
```

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

```
.background{ background-color: rgb(239,  
173, 158) }
```

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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