

Converting Colors

$Yxy(50.4079, 0.3688, 0.3364)$

Have a look what the booklet for
Yxy(50.4079, 0.3688, 0.3364)
contains.

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Color

Yxy(50.5134, 0.3688, 0.3360)

Conversions

Conversions Part 1

Format	Color
Hex	E7AFA9
RGB	231, 175, 169
RGB Percent	91%, 69%, 66%
CMY	0.0942, 0.3137, 0.3371
CMYK	0.00, 0.24, 0.27, 0.09
HSL	6°, 56%, 78%
HSV	6°, 27%, 91%
XYZ	55.4445, 50.5134, 44.3796
YIQ	191.0600, 35.3020, 10.0060

Conversions

Conversions Part 2

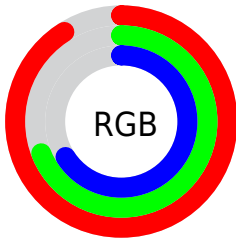
Format	Color
R _Y B	231, 176, 169
Decimal	15183785
CIE Lab	76.38, 19.57, 10.99
CIE LCh	76, 22.448, 29.324
Yxy	50.5134, 0.3688, 0.3360
Android (android.graphics.Color)	4293373865 (0xFFE7AFA9)
YUV	191.0600, -10.8756, 35.0274
Hunter-Lab	71.0728, 14.8720, 12.7288

Details

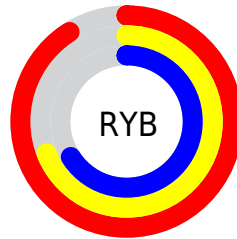
The Yxy color **50.5134, 0.3688, 0.3360** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **68.0605, 0.2729, 0.3219**, and the grayscale version is **52.1877, 0.3127, 0.3290**.

A 20% lighter version of the original color is **83.7936, 0.3339, 0.3360**, and **24.2021, 0.3844, 0.3367** is the 20% darker color. If you saturate the color by 10%, you get **42.2169, 0.3989, 0.3388**, and if you desaturate by 10%, it is **60.2233, 0.3442, 0.3333**.

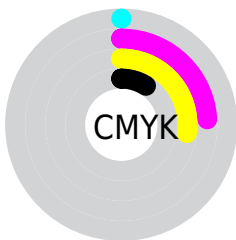
Distribution



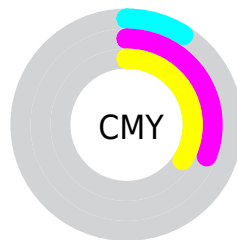
- Red (91%)
- Green (69%)
- Blue (66%)



- Red (91%)
- Yellow (69%)
- Blue (66%)



- Cyan (0%)
- Magenta (24%)
- Yellow (27%)
- Black (9%)





- Cyan (9%)
- Magenta (31%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.5134, 0.3688, 0.3360 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 50.5134, 0.3688, 0.3360 by changing the saturation by 10% instead.


 50.5134, 0.3688,
0.3360

 50.5134, 0.3688,
0.3360


388.6703, 0.3409,
0.3331

 35.8215, 0.3757,
0.3365


 90.9351, 0.3587,
0.3351

 24.2964, 0.3846,
0.3371

117.4337, 0.3549,
0.3347

 15.5536, 0.3963,
0.3377


148.6366, 0.3517,
0.3344

 9.2088, 0.4124,
0.3381

184.9283, 0.3489,
0.3341

 4.8777, 0.4361,
0.3381

226.6931, 0.3465,
0.3338

 2.1757, 0.4739,
0.3364

274.3154, 0.3444,

 0.7067, 0.6268,

0.3336

0.3727

328.1797, 0.3425,
0.3333

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

50.5134, 0.3688,
0.3360

50.5134, 0.3688,
0.3360

42.2169, 0.3989,
0.3388

60.2233, 0.3442,
0.3333

35.2613, 0.4349,
0.3413

71.4008, 0.3241,
0.3307

29.5782, 0.4766,
0.3432

84.1059, 0.3079,
0.3283

25.0902, 0.5218,
0.3440

95.7260, 0.2981,
0.3290

■ 21.7117, 0.5663,
0.3431

■ 19.3455, 0.6037,
0.3403

■ 17.8770, 0.6283,
0.3360

■ 17.5708, 0.6338,
0.3350

Harmonies

Analogous

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



50.5134, 0.3485, 0.3111



50.5134, 0.3688, 0.3360



50.5134, 0.3731, 0.3605

Triad

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



50.5134, 0.3688, 0.3360



50.5134, 0.3045, 0.3718



50.5134, 0.2660, 0.2805

Complementary

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



50.5134, 0.3688, 0.3360



68.0605, 0.2729, 0.3219

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.



50.5134, 0.2557, 0.2936



50.5134, 0.3688, 0.3360



50.5134, 0.2771, 0.3470

Square

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



50.5134, 0.3688, 0.3360



50.5134, 0.3350, 0.3833



50.5134, 0.2596, 0.3177



50.5134, 0.2887, 0.2799

Rectangle

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



50.5134, 0.3688, 0.3360



50.5134, 0.3663, 0.3736



50.5134, 0.2596, 0.3177



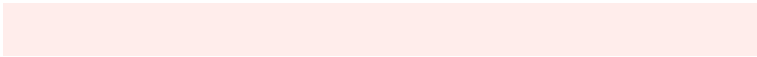
50.5134, 0.2611, 0.2835

Sweetspot

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



50.5158, 0.3688, 0.3360



87.5537, 0.3264, 0.3310



50.8554, 0.3200, 0.2675



18.2688, 0.3292, 0.3314



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.



50.5158, 0.3688, 0.3360



57.4516, 0.3842, 0.3375



63.5959, 0.3601, 0.3694



14.5905, 0.3290, 0.3313



9.9321, 0.6323, 0.3362



0.8106, 0.6139, 0.3508

Inverse Universe

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



68.0605, 0.2729, 0.3219



82.7491, 0.2658, 0.3203



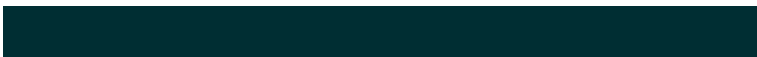
53.1682, 0.2693, 0.2849



16.0861, 0.2982, 0.3267



28.8214, 0.2163, 0.2985



2.1992, 0.2176, 0.3033

Previews

White Background



This preview shows how the Yxy color 50.5134, 0.3688, 0.3360 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 50.5134, 0.3688, 0.3360 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 50.5134, 0.3688, 0.3360

Background



This preview shows how black text looks on a background with the Yxy color 50.5134, 0.3688, 0.3360.



This preview shows how white text looks on a background with the Yxy color 50.5134, 0.3688, 0.3360.

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

50.5134, 0.3688, 0.3360

Protanopia

50.7031, 0.3280, 0.3441

Deuteranopia

50.7301, 0.3533, 0.3459



Tritanopia

50.3739, 0.3559, 0.3134

Trichromacy



Original Color

50.5134, 0.3688, 0.3360

Protanomaly

50.2940, 0.3426, 0.3413

Deuteranomaly

50.4395, 0.3595, 0.3421

Tritanomaly

50.3382, 0.3603, 0.3212

Monochromacy



Original Color

50.5134, 0.3688, 0.3360

Achromatopsia

52.0996, 0.3127, 0.3290

Achromatomaly

51.2386, 0.3322, 0.3315

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.5134, 0.3688, 0.3360 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(231, 175, 169)` looks like.

```
.text, #text, p{  
    color:rgb(231, 175, 169)  
}
```

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(231, 175, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 175, 169) }
```

Border

The CSS property to change the border of an element to Yxy 50.5134, 0.3688, 0.3360 is called "border". The border property can be set on classes, ids or directly on the HTML element.

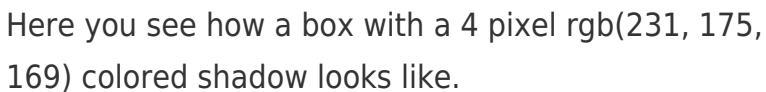
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(231, 175, 169) }
```

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

```
.border{ border-color:rgb(231, 175, 169) }
```

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



Here you see how a box with a 4 pixel `rgb(231, 175, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(231, 175, 169); -webkit-box-shadow:4px 4px 4px 4px rgb(231, 175, 169); box-shadow:4px 4px 4px 4px rgb(231, 175, 169) }
```


Background

The CSS property to change the background color of an element to Yxy 50.5134, 0.3688, 0.3360 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 175, 169) }
```

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

```
.background{ background-color: rgb(231,  
175, 169) }
```

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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