

Converting Colors

$Yxy(50.0874, 0.3600, 0.3124)$

Have a look what the booklet for
Yxy(50.0874, 0.3600, 0.3124)
contains.

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Color

Yxy(50.0851, 0.3600, 0.3124)

Conversions

Conversions Part 1

Format	Color
Hex	ECAAB9
RGB	236, 170, 185
RGB Percent	93%, 67%, 73%
CMY	0.0746, 0.3333, 0.2745
CMYK	0.00, 0.28, 0.22, 0.07
HSL	346°, 63%, 80%
HSV	346°, 28%, 93%
XYZ	57.7165, 50.0851, 52.5220
YIQ	191.4440, 34.5210, 18.6570

Conversions

Conversions Part 2

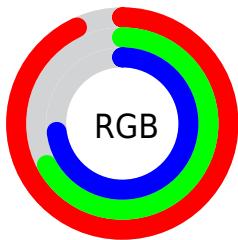
Format	Color
R _Y B	236, 170, 185
Decimal	15510201
CIE Lab	76.12, 26.33, 1.98
CIE LCh	76, 26.405, 4.296
Yxy	50.0851, 0.3600, 0.3124
Android (android.graphics.Color)	4293700281 (0xFFECAAB9)
YUV	191.4440, -3.1769, 39.0756
Hunter-Lab	70.7708, 21.7251, 5.5380

Details

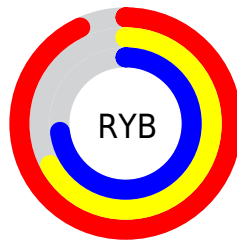
The Yxy color **50.0851, 0.3600, 0.3124** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **73.7435, 0.2801, 0.3464**, and the grayscale version is **52.3761, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.0036, 0.3231, 0.3143**, and **23.9722, 0.3732, 0.3073** is the 20% darker color. If you saturate the color by 10%, you get **41.2973, 0.3847, 0.3062**, and if you desaturate by 10%, it is **60.5642, 0.3398, 0.3186**.

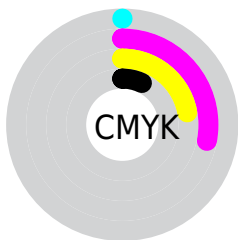
Distribution



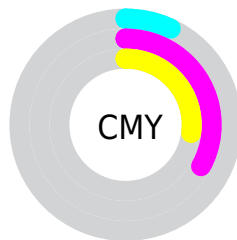
- Red (93%)
- Green (67%)
- Blue (73%)



- Red (93%)
- Yellow (67%)
- Blue (73%)



- Cyan (0%)
- Magenta (28%)
- Yellow (22%)
- Black (7%)





- Cyan (7%)
- Magenta (33%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.0851, 0.3600, 0.3124 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 50.0851, 0.3600, 0.3124 by changing the saturation by 10% instead.


 50.0851, 0.3600,
0.3124

 50.0851, 0.3600,
0.3124


386.9986, 0.3366,
0.3207

 35.4810, 0.3658,
0.3103


 90.3010, 0.3515,
0.3154

 24.0336, 0.3732,
0.3076


116.6815, 0.3483,
0.3166

 15.3586, 0.3829,
0.3040


147.7564, 0.3456,
0.3175

 9.0714, 0.3964,
0.2991

183.9099, 0.3433,
0.3184

 4.7878, 0.4161,
0.2916

225.5265, 0.3413,
0.3191

 2.1233, 0.4478,
0.2794

272.9905, 0.3395,

 0.6777, 0.5175,

0.3197

0.2560

326.6865, 0.3380,
0.3203

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

50.0851, 0.3600,
0.3124

50.0851, 0.3600,
0.3124

41.2973, 0.3847,
0.3062

60.5642, 0.3398,
0.3186

34.1052, 0.4145,
0.3006

72.8098, 0.3235,
0.3245

28.4143, 0.4493,
0.2961

86.9010, 0.3102,
0.3301

24.1170, 0.4882,
0.2939

96.5682, 0.3011,
0.3290

■ 21.0917, 0.5287,
0.2948

■ 19.1953, 0.5668,
0.2997

■ 18.2319, 0.5979,
0.3081

■ 18.0907, 0.6034,
0.3098

Harmonies

Analogous

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



50.0851, 0.3258, 0.2879



50.0851, 0.3600, 0.3124



50.0851, 0.3813, 0.3417

Triad

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



50.0851, 0.3600, 0.3124



50.0851, 0.3328, 0.3927



50.0851, 0.2469, 0.2836

Complementary

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



50.0851, 0.3600, 0.3124



73.7435, 0.2801, 0.3464

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.



50.0851, 0.2486, 0.3099



50.0851, 0.3600, 0.3124



50.0851, 0.2969, 0.3760

Square

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



50.0851, 0.3600, 0.3124



50.0851, 0.3646, 0.3893



50.0851, 0.2664, 0.3444



50.0851, 0.2615, 0.2710

Rectangle

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



50.0851, 0.3600, 0.3124



50.0851, 0.3846, 0.3610



50.0851, 0.2664, 0.3444



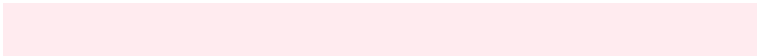
50.0851, 0.2456, 0.2910

Sweetspot

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



50.0874, 0.3600, 0.3124



86.6936, 0.3236, 0.3245



50.1180, 0.3033, 0.2567



18.0546, 0.3258, 0.3236



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.



50.0874, 0.3600, 0.3124



53.0065, 0.3747, 0.3086



56.5298, 0.3686, 0.3488



15.1101, 0.3257, 0.3237



9.9907, 0.5996, 0.3077



0.7988, 0.5612, 0.2865

Inverse Universe

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



50.0874, 0.3600, 0.3124



53.0065, 0.3747, 0.3086



64.9454, 0.2700, 0.3082



15.1101, 0.3257, 0.3237



9.9907, 0.5996, 0.3077



0.7988, 0.5612, 0.2865

Previews

White Background



This preview shows how the Yxy color 50.0851, 0.3600, 0.3124 looks on a white background.

Color Contrast Check

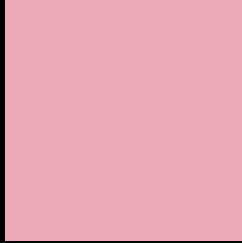
Large Text (above 18pt) WCAG AA × Fail

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 50.0851, 0.3600, 0.3124 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

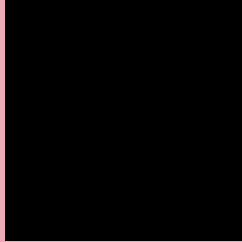
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 50.0851, 0.3600, 0.3124

Background



This preview shows how black text looks on a background with the Yxy color 50.0851, 0.3600, 0.3124.



This preview shows how white text looks on a background with the Yxy color 50.0851, 0.3600, 0.3124.

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

50.0851, 0.3600, 0.3124

Protanopia

50.2996, 0.3083, 0.3190

Deuteranopia

50.2847, 0.3344, 0.3279



Tritanopia

50.0012, 0.3619, 0.3146

Trichromacy



Original Color

50.0851, 0.3600, 0.3124

Protanomaly

49.9311, 0.3262, 0.3170

Deuteranomaly

50.2069, 0.3431, 0.3220

Tritanomaly

50.0430, 0.3609, 0.3135

Monochromacy



Original Color

50.0851, 0.3600, 0.3124

Achromatopsia

52.0996, 0.3127, 0.3290

Achromatomaly

50.8065, 0.3284, 0.3218

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.0851, 0.3600, 0.3124 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(236, 170, 185)` looks like.

```
.text, #text, p{  
    color:rgb(236, 170, 185)  
}
```

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(236, 170, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(236, 170, 185) }
```

Border

The CSS property to change the border of an element to Yxy 50.0851, 0.3600, 0.3124 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(236, 170, 185) }
```

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

```
.border{ border-color:rgb(236, 170, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(236, 170, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(236, 170, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(236, 170, 185);  
box-shadow:4px 4px 4px 4px rgb(236, 170,  
185) }
```


Background

The CSS property to change the background color of an element to Yxy 50.0851, 0.3600, 0.3124 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(236, 170, 185) }
```

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

```
.background{ background-color: rgb(236,  
170, 185) }
```

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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