

Converting Colors

$Yxy(50.0807, 0.3511, 0.3161)$

Have a look what the booklet for
Yxy(50.0807, 0.3511, 0.3161)
contains.

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Color

Yxy(50.1058, 0.3510, 0.3165)

Conversions

Conversions Part 1

Format	Color
Hex	E3AEB9
RGB	227, 174, 185
RGB Percent	89%, 68%, 73%
CMY	0.1099, 0.3176, 0.2745
CMYK	0.00, 0.23, 0.18, 0.11
HSL	348°, 49%, 79%
HSV	348°, 23%, 89%
XYZ	55.5676, 50.1058, 52.6388
YIQ	191.1010, 28.0570, 14.6570

Conversions

Conversions Part 2

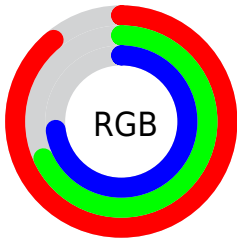
Format	Color
R_{YB}	227, 174, 185
Decimal	14921401
CIE _{Lab}	76.13, 20.95, 1.88
CIE _{LCh}	76, 21.039, 5.137
Yxy	50.1058, 0.3510, 0.3165
Android (android.graphics.Color)	4293111481 (0xFFE3AEB9)
YUV	191.1010, -3.0078, 31.4834
Hunter-Lab	70.7855, 16.2505, 5.4595

Details

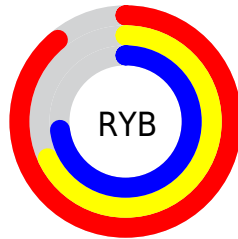
The Yxy color **50.1058, 0.3510, 0.3165** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **68.8882, 0.2845, 0.3420**, and the grayscale version is **52.1683, 0.3127, 0.3290**.

A 20% lighter version of the original color is **84.2045, 0.3228, 0.3182**, and **23.9986, 0.3620, 0.3125** is the 20% darker color. If you saturate the color by 10%, you get **41.3531, 0.3741, 0.3108**, and if you desaturate by 10%, it is **60.4412, 0.3323, 0.3221**.

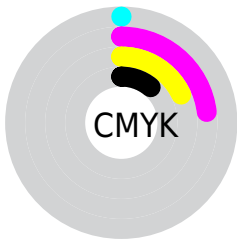
Distribution



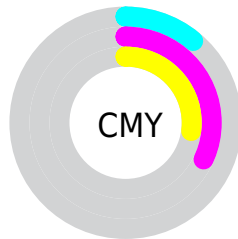
- Red (89%)
- Green (68%)
- Blue (73%)



- Red (89%)
- Yellow (68%)
- Blue (73%)



- Cyan (0%)
- Magenta (23%)
- Yellow (18%)
- Black (11%)





- Cyan (11%)
- Magenta (32%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 50.1058, 0.3510, 0.3165 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 50.1058, 0.3510, 0.3165 by changing the saturation by 10% instead.


 50.1058, 0.3510,
0.3165

 50.1058, 0.3510,
0.3165


387.0795, 0.3320,
0.3228

 35.4975, 0.3557,
0.3149


 90.3316, 0.3441,
0.3188

 24.0463, 0.3617,
0.3129


116.7179, 0.3416,
0.3197

 15.3680, 0.3696,
0.3102


147.7989, 0.3394,
0.3204

 9.0781, 0.3805,
0.3064


183.9591, 0.3375,
0.3210

 4.7921, 0.3966,
0.3007

225.5829, 0.3359,
0.3215

 2.1258, 0.4226,
0.2914

273.0546, 0.3344,

 0.6791, 0.4821,

0.3220

0.2733

326.7587, 0.3332,
0.3224

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

50.1058, 0.3510,
0.3165

50.1058, 0.3510,
0.3165

41.3531, 0.3741,
0.3108

60.4412, 0.3323,
0.3221

34.0982, 0.4021,
0.3054

72.4250, 0.3171,
0.3273

28.2587, 0.4355,
0.3008

86.1276, 0.3048,
0.3322

23.7414, 0.4737,
0.2978

95.0685, 0.2958,
0.3290

■ 20.4418, 0.5147,
0.2974

■ 18.2398, 0.5551,
0.3004

■ 16.9899, 0.5899,
0.3071

■ 16.5343, 0.6083,
0.3125

Harmonies

Analogous

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



50.1058, 0.3242, 0.2963



50.1058, 0.3510, 0.3165



50.1058, 0.3674, 0.3404

Triad

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



50.1058, 0.3510, 0.3165



50.1058, 0.3283, 0.3791



50.1058, 0.2598, 0.2925

Complementary

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



50.1058, 0.3510, 0.3165



68.8882, 0.2845, 0.3420

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.



50.1058, 0.2609, 0.3135



50.1058, 0.3510, 0.3165



50.1058, 0.2996, 0.3654

Square

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



50.1058, 0.3510, 0.3165



50.1058, 0.3537, 0.3775



50.1058, 0.2752, 0.3406



50.1058, 0.2721, 0.2822

Rectangle

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



50.1058, 0.3510, 0.3165



50.1058, 0.3699, 0.3558



50.1058, 0.2752, 0.3406



50.1058, 0.2587, 0.2985

Sweetspot

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



50.1081, 0.3510, 0.3165



88.2572, 0.3223, 0.3254



50.3463, 0.3059, 0.2694



18.6850, 0.3232, 0.3251



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.



50.1081, 0.3510, 0.3165



59.4709, 0.3616, 0.3138



55.7894, 0.3570, 0.3463



14.4166, 0.3260, 0.3241



9.6579, 0.6050, 0.3106



0.7270, 0.5649, 0.2886

Inverse Universe

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



50.1081, 0.3510, 0.3165



59.4709, 0.3616, 0.3138



61.6205, 0.2769, 0.3110



14.4166, 0.3260, 0.3241



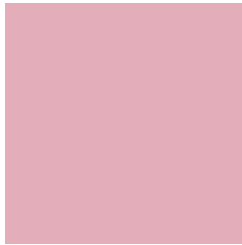
9.6579, 0.6050, 0.3106



0.7270, 0.5649, 0.2886

Previews

White Background



This preview shows how the Yxy color 50.1058, 0.3510, 0.3165 looks on a white background.

Color Contrast Check

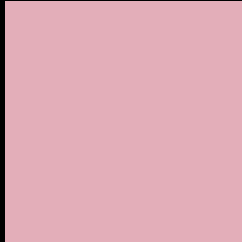
Large Text (above 18pt) WCAG AA × Fail

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 50.1058, 0.3510, 0.3165 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

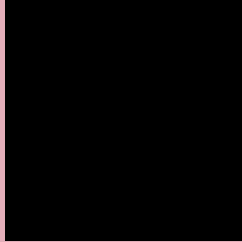
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 50.1058, 0.3510, 0.3165

Background



This preview shows how black text looks on a background with the Yxy color 50.1058, 0.3510, 0.3165.



This preview shows how white text looks on a background with the Yxy color 50.1058, 0.3510, 0.3165.

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

50.1058, 0.3510, 0.3165

Protanopia

50.2936, 0.3114, 0.3227

Deuteranopia

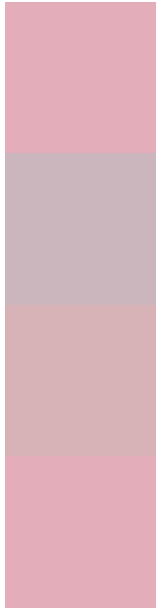
50.3265, 0.3336, 0.3266



Tritanopia

50.1909, 0.3492, 0.3142

Trichromacy



Original Color

50.1058, 0.3510, 0.3165

Protanomaly

49.8265, 0.3251, 0.3205

Deuteranomaly

50.1480, 0.3402, 0.3231

Tritanomaly

50.1482, 0.3501, 0.3153

Monochromacy



Original Color

50.1058, 0.3510, 0.3165

Achromatopsia

52.0996, 0.3127, 0.3290

Achromatomaly

51.2094, 0.3256, 0.3242

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.1058, 0.3510, 0.3165 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(227, 174, 185)` looks like.

```
.text, #text, p{  
    color:rgb(227, 174, 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(227, 174, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 174, 185) }
```

Border

The CSS property to change the border of an element to Yxy 50.1058, 0.3510, 0.3165 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(227, 174, 185) }
```

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

```
.border{ border-color:rgb(227, 174, 185) }
```

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

Here you see how a box with a 4 pixel rgb(227, 174, 185) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 174, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 174, 185);  
box-shadow:4px 4px 4px 4px rgb(227, 174,  
185) }
```


Background

The CSS property to change the background color of an element to Yxy 50.1058, 0.3510, 0.3165 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 174, 185) }
```

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

```
.background{ background-color: rgb(227,  
174, 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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