

Converting Colors

$Y_{xy}(48.9991, 0.3562, 0.3184)$

Have a look what the booklet for
Yxy(48.9991, 0.3562, 0.3184)
contains.

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Color

Yxy(48.9560, 0.3562, 0.3176)

Conversions

Conversions Part 1

Format	Color
Hex	E4ABB5
RGB	228, 171, 181
RGB Percent	89%, 67%, 71%
CMY	0.1058, 0.3294, 0.2901
CMYK	0.00, 0.25, 0.21, 0.11
HSL	349°, 51%, 78%
HSV	349°, 25%, 89%
XYZ	54.9059, 48.9560, 50.2816
YIQ	189.1830, 30.7620, 15.1940

Conversions

Conversions Part 2

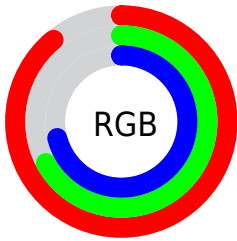
Format	Color
R _Y B	228, 171, 181
Decimal	14986165
CIE Lab	75.42, 22.35, 3.04
CIE LCh	75, 22.556, 7.741
Yxy	48.9560, 0.3562, 0.3176
Android (android.graphics.Color)	4293176245 (0xFFE4ABB5)
YUV	189.1830, -4.0342, 34.0425
Hunter-Lab	69.9686, 17.6281, 6.3703

Details

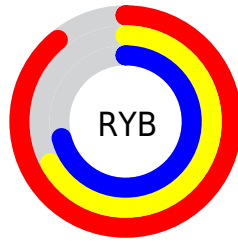
The Yxy color **48.9560, 0.3562, 0.3176** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **69.2204, 0.2816, 0.3408**, and the grayscale version is **51.0119, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.3126, 0.3257, 0.3192**, and **23.2860, 0.3694, 0.3141** is the 20% darker color. If you saturate the color by 10%, you get **40.3544, 0.3811, 0.3128**, and if you desaturate by 10%, it is **59.1521, 0.3360, 0.3224**.

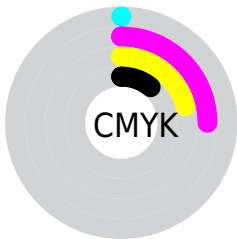
Distribution



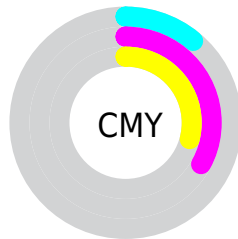
- Red (89%)
- Green (67%)
- Blue (71%)



- Red (89%)
- Yellow (67%)
- Blue (71%)



- Cyan (0%)
- Magenta (25%)
- Yellow (21%)
- Black (11%)




- Cyan (11%)
- Magenta (33%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 48.9560, 0.3562, 0.3176 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 48.9560, 0.3562, 0.3176 by changing the saturation by 10% instead.


 48.9560, 0.3562,
0.3176

 48.9560, 0.3562,
0.3176

382.5691, 0.3345,
0.3234

 34.5846, 0.3616,
0.3161


 88.6261, 0.3483,
0.3198

 23.3430, 0.3685,
0.3142


114.6936, 0.3454,
0.3206

 14.8470, 0.3776,
0.3115


145.4285, 0.3429,
0.3212

 8.7121, 0.3903,
0.3078

181.2153, 0.3408,
0.3218

 4.5539, 0.4091,
0.3021

222.4384, 0.3389,
0.3223

 1.9880, 0.4396,
0.2925

269.4821, 0.3373,

 0.6005, 0.5241,

0.3227

0.2743

322.7309, 0.3358,
0.3231

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

48.9560, 0.3562,
0.3176

48.9560, 0.3562,
0.3176

40.3544, 0.3811,
0.3128

59.1521, 0.3360,
0.3224

33.2600, 0.4114,
0.3083

71.0107, 0.3197,
0.3269

27.5878, 0.4472,
0.3047

84.6039, 0.3065,
0.3310

23.2411, 0.4876,
0.3026

95.2383, 0.2964,
0.3290

■ 20.1115, 0.5303,
0.3031

■ 18.0730, 0.5707,
0.3067

■ 16.9720, 0.6035,
0.3133

■ 16.6521, 0.6162,
0.3168

Harmonies

Analogous

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



48.9560, 0.3278, 0.2954



48.9560, 0.3562, 0.3176



48.9560, 0.3727, 0.3433

Triad

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



48.9560, 0.3562, 0.3176



48.9560, 0.3268, 0.3826



48.9560, 0.2564, 0.2881

Complementary

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



48.9560, 0.3562, 0.3176



69.2204, 0.2816, 0.3408

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.



48.9560, 0.2563, 0.3098



48.9560, 0.3562, 0.3176



48.9560, 0.2959, 0.3665

Square

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



48.9560, 0.3562, 0.3176



48.9560, 0.3549, 0.3821



48.9560, 0.2704, 0.3389



48.9560, 0.2707, 0.2783

Rectangle

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



48.9560, 0.3562, 0.3176



48.9560, 0.3742, 0.3597



48.9560, 0.2704, 0.3389



48.9560, 0.2547, 0.2941

Sweetspot

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



48.9583, 0.3562, 0.3176



86.6319, 0.3243, 0.3255



49.5651, 0.3069, 0.2652



18.0392, 0.3267, 0.3248



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.



48.9583, 0.3562, 0.3176



57.1037, 0.3685, 0.3151



55.8564, 0.3605, 0.3498



14.4092, 0.3265, 0.3249



9.6252, 0.6131, 0.3151



0.7235, 0.5749, 0.2940

Inverse Universe

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



48.9583, 0.3562, 0.3176



57.1037, 0.3685, 0.3151



60.3362, 0.2741, 0.3072



14.4092, 0.3265, 0.3249



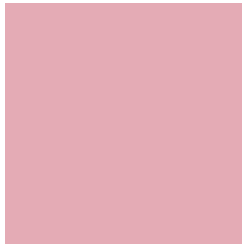
9.6252, 0.6131, 0.3151



0.7235, 0.5749, 0.2940

Previews

White Background



This preview shows how the Yxy color 48.9560, 0.3562, 0.3176 looks on a white background.

Color Contrast Check

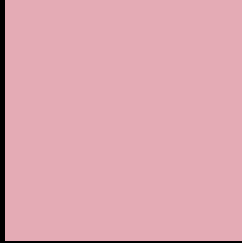
Large Text (above 18pt) WCAG AA × Fail

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 48.9560, 0.3562, 0.3176 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

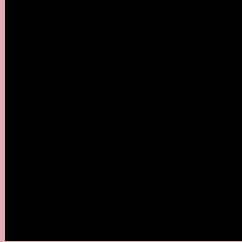
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 48.9560, 0.3562, 0.3176

Background



This preview shows how black text looks on a background with the Yxy color 48.9560, 0.3562, 0.3176.



This preview shows how white text looks on a background with the Yxy color 48.9560, 0.3562, 0.3176.

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

48.9560, 0.3562, 0.3176

Protanopia

49.0634, 0.3121, 0.3239

Deuteranopia

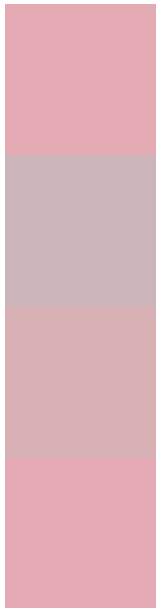
49.1626, 0.3372, 0.3303



Tritanopia

49.0805, 0.3535, 0.3142

Trichromacy



Original Color

48.9560, 0.3562, 0.3176

Protanomaly

48.8842, 0.3278, 0.3217

Deuteranomaly

49.1866, 0.3440, 0.3255

Tritanomaly

49.0387, 0.3544, 0.3154

Monochromacy



Original Color

48.9560, 0.3562, 0.3176

Achromatopsia

50.8881, 0.3127, 0.3290

Achromatomaly

49.6976, 0.3276, 0.3241

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.9560, 0.3562, 0.3176 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(228, 171, 181)` looks like.

```
.text, #text, p{  
    color:rgb(228, 171, 181)  
}
```

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(228, 171, 181) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(228, 171, 181) }
```

Border

The CSS property to change the border of an element to Yxy 48.9560, 0.3562, 0.3176 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(228, 171, 181) }
```

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

```
.border{ border-color:rgb(228, 171, 181) }
```

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

Here you see how a box with a 4 pixel `rgb(228, 171, 181)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(228, 171, 181); -webkit-box-  
shadow:4px 4px 4px 4px rgb(228, 171, 181);  
box-shadow:4px 4px 4px 4px rgb(228, 171,  
181) }
```


Background

The CSS property to change the background color of an element to Yxy 48.9560, 0.3562, 0.3176 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(228, 171, 181) }
```

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

```
.background{ background-color: rgb(228,  
171, 181) }
```

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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