

Converting Colors

$Y_{xy}(50.3850, 0.3662, 0.3202)$

Have a look what the booklet for
Yxy(50.3850, 0.3662, 0.3202)
contains.

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Color

Yxy(50.3850, 0.3662, 0.3202)

Conversions

Conversions Part 1

Format	Color
Hex	EDABB3
RGB	237, 171, 179
RGB Percent	93%, 67%, 70%
CMY	0.0706, 0.3294, 0.2980
CMYK	0.00, 0.28, 0.24, 0.07
HSL	353°, 65%, 80%
HSV	353°, 28%, 93%
XYZ	57.6233, 50.3850, 49.3465
YIQ	191.6460, 36.7680, 16.4800

Conversions

Conversions Part 2

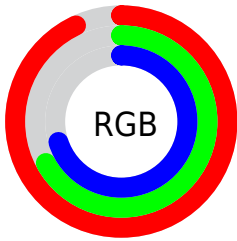
Format	Color
R _Y B	237, 171, 179
Decimal	15575987
CIE Lab	76.30, 25.31, 5.52
CIE LCh	76, 25.907, 12.306
Yxy	50.3850, 0.3662, 0.3202
Android (android.graphics.Color)	4293766067 (0xFFEDABB3)
YUV	191.6460, -6.2345, 39.7755
Hunter-Lab	70.9824, 20.6866, 8.4697

Details

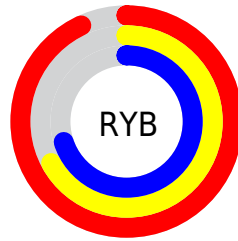
The Yxy color **50.3850, 0.3662, 0.3202** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **74.8766, 0.2765, 0.3381**, and the grayscale version is **52.5178, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.1963, 0.3270, 0.3211**, and **24.1665, 0.3819, 0.3175** is the 20% darker color. If you saturate the color by 10%, you get **41.4421, 0.3946, 0.3170**, and if you desaturate by 10%, it is **61.0648, 0.3432, 0.3235**.

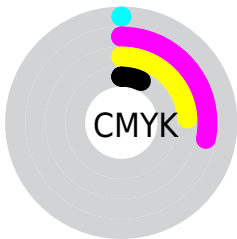
Distribution



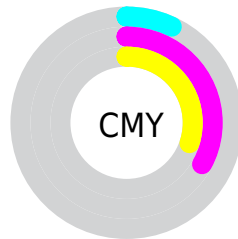
- Red (93%)
- Green (67%)
- Blue (70%)



- Red (93%)
- Yellow (67%)
- Blue (70%)



- Cyan (0%)
- Magenta (28%)
- Yellow (24%)
- Black (7%)





- Cyan (7%)
- Magenta (33%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 50.3850, 0.3662, 0.3202 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 50.3850, 0.3662, 0.3202 by changing the saturation by 10% instead.


 50.3850, 0.3662,
0.3202

 50.3850, 0.3662,
0.3202

388.1696, 0.3396,
0.3249

 35.7194, 0.3728,
0.3189


 90.7450, 0.3566,
0.3220

 24.2176, 0.3812,
0.3173


117.2083, 0.3530,
0.3226

 15.4951, 0.3923,
0.3150


148.3729, 0.3499,
0.3232

 9.1676, 0.4076,
0.3117

184.6232, 0.3473,
0.3236

 4.8507, 0.4301,
0.3064

226.3436, 0.3450,
0.3240

 2.1599, 0.4662,
0.2972

273.9186, 0.3430,

 0.6980, 0.5596,

0.3244

0.2867

327.7324, 0.3412,
0.3247

0.0000, 1.0000,
0.0000

0.0000, 0.0000,
0.0000

50.3850, 0.3662,
0.3202

50.3850, 0.3662,
0.3202

41.4421, 0.3946,
0.3170

61.0648, 0.3432,
0.3235

34.1377, 0.4289,
0.3140

73.5592, 0.3246,
0.3267

28.3741, 0.4690,
0.3120

87.9496, 0.3098,
0.3296

24.0406, 0.5131,
0.3113

96.7426, 0.3017,
0.3290

■ 21.0116, 0.5573,
0.3128

■ 19.1395, 0.5958,
0.3166

■ 18.2250, 0.6229,
0.3220

■ 18.0902, 0.6273,
0.3229

Harmonies

Analogous

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



50.3850, 0.3352, 0.2944



50.3850, 0.3662, 0.3202



50.3850, 0.3823, 0.3493

Triad

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



50.3850, 0.3662, 0.3202



50.3850, 0.3231, 0.3888



50.3850, 0.2505, 0.2799

Complementary

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



50.3850, 0.3662, 0.3202



74.8766, 0.2765, 0.3381

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.



50.3850, 0.2479, 0.3024



50.3850, 0.3662, 0.3202



50.3850, 0.2884, 0.3677

Square

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



50.3850, 0.3662, 0.3202



50.3850, 0.3562, 0.3908



50.3850, 0.2613, 0.3348



50.3850, 0.2687, 0.2713

Rectangle

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



50.3850, 0.3662, 0.3202



50.3850, 0.3819, 0.3674



50.3850, 0.2613, 0.3348



50.3850, 0.2478, 0.2859

Sweetspot

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



50.3874, 0.3662, 0.3202



86.5668, 0.3250, 0.3266



51.7683, 0.3087, 0.2582



18.0229, 0.3275, 0.3261



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.



50.3874, 0.3662, 0.3202



53.6682, 0.3805, 0.3185



60.0638, 0.3664, 0.3559



15.0838, 0.3274, 0.3262



9.8877, 0.6247, 0.3215



0.7861, 0.5949, 0.3051

Inverse Universe

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



50.3874, 0.3662, 0.3202



53.6682, 0.3805, 0.3185



62.2587, 0.2693, 0.3004



15.0838, 0.3274, 0.3262



9.8877, 0.6247, 0.3215



0.7861, 0.5949, 0.3051

Previews

White Background



This preview shows how the Yxy color 50.3850, 0.3662, 0.3202 looks on a white background.

Color Contrast Check

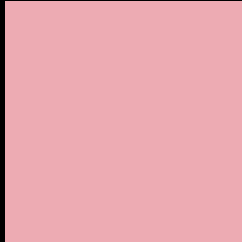
Large Text (above 18pt) WCAG AA × Fail

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 50.3850, 0.3662, 0.3202 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 50.3850, 0.3662, 0.3202

Background



This preview shows how black text looks on a background with the Yxy color 50.3850, 0.3662, 0.3202.



This preview shows how white text looks on a background with the Yxy color 50.3850, 0.3662, 0.3202.

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

50.3850, 0.3662, 0.3202

Protanopia

50.8037, 0.3160, 0.3290

Deuteranopia

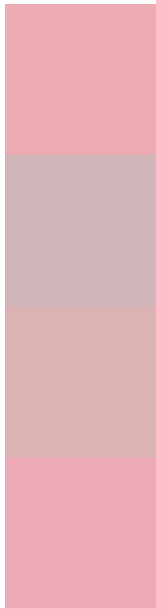
50.4791, 0.3421, 0.3351



Tritanopia

50.1729, 0.3628, 0.3147

Trichromacy



Original Color

50.3850, 0.3662, 0.3202

Protanomaly

50.3686, 0.3327, 0.3254

Deuteranomaly

50.2708, 0.3501, 0.3291

Tritanomaly

50.1314, 0.3637, 0.3158

Monochromacy



Original Color

50.3850, 0.3662, 0.3202

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

51.2787, 0.3308, 0.3254

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.3850, 0.3662, 0.3202 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(237, 171, 179)` looks like.

```
.text, #text, p{  
  color:rgb(237, 171, 179)  
}
```

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(237, 171, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(237, 171, 179) }
```

Border

The CSS property to change the border of an element to Yxy 50.3850, 0.3662, 0.3202 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(237, 171, 179) }
```

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

```
.border{ border-color:rgb(237, 171, 179) }
```

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

Here you see how a box with a 4 pixel rgb(237, 171, 179) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(237, 171, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(237, 171, 179);  
box-shadow:4px 4px 4px 4px rgb(237, 171,  
179) }
```


Background

The CSS property to change the background color of an element to Yxy 50.3850, 0.3662, 0.3202 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(237, 171, 179) }
```

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

```
.background{ background-color: rgb(237,  
171, 179) }
```

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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