

Converting Colors

$Yxy(43.5877, 0.3671, 0.3140)$

Have a look what the booklet for
Yxy(43.5877, 0.3671, 0.3140)
contains.

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Color

Yxy(43.5627, 0.3671, 0.3140)

Conversions

Conversions Part 1

Format	Color
Hex	E29EAB
RGB	226, 158, 171
RGB Percent	89%, 62%, 67%
CMY	0.1139, 0.3803, 0.3295
CMYK	0.00, 0.30, 0.24, 0.11
HSL	349°, 54%, 75%
HSV	349°, 30%, 89%
XYZ	50.9295, 43.5627, 44.2425
YIQ	179.8140, 36.3550, 18.4590

Conversions

Conversions Part 2

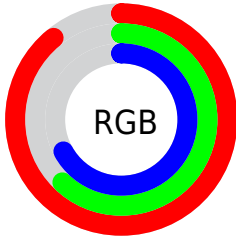
Format	Color
R _Y B	226, 158, 171
Decimal	14851755
CIE Lab	71.94, 27.08, 3.48
CIE LCh	72, 27.304, 7.318
Yxy	43.5627, 0.3671, 0.3140
Android (android.graphics.Color)	4293041835 (0xFFE29EAB)
YUV	179.8140, -4.3453, 40.5051
Hunter-Lab	66.0020, 22.2333, 6.4582

Details

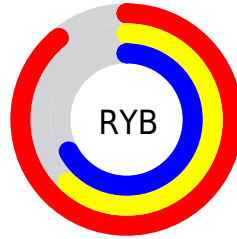
The Yxy color **43.5627, 0.3671, 0.3140** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **66.4446, 0.2766, 0.3448**, and the grayscale version is **45.5462, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.3395, 0.3348, 0.3160**, and **20.0750, 0.3826, 0.3091** is the 20% darker color. If you saturate the color by 10%, you get **35.9005, 0.3941, 0.3089**, and if you desaturate by 10%, it is **52.7426, 0.3451, 0.3192**.

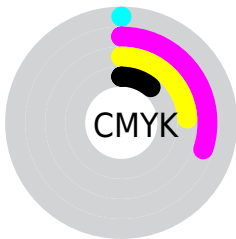
Distribution



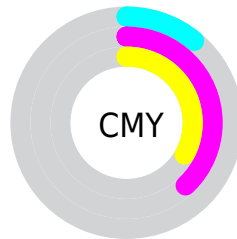
- Red (89%)
- Green (62%)
- Blue (67%)



- Red (89%)
- Yellow (62%)
- Blue (67%)



- Cyan (0%)
- Magenta (30%)
- Yellow (24%)
- Black (11%)




- Cyan (11%)
- Magenta (38%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.5627, 0.3671, 0.3140 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 43.5627, 0.3671, 0.3140 by changing the saturation by 10% instead.


 43.5627, 0.3671,
0.3140


 43.5627, 0.3671,
0.3140


360.9208, 0.3395,
0.3219

 30.3269, 0.3741,
0.3119


 80.5593, 0.3570,
0.3169

 20.0868, 0.3832,
0.3092

 105.0889, 0.3532,
0.3180

 12.4582, 0.3954,
0.3055


134.1518, 0.3500,
0.3189

 7.0565, 0.4127,
0.3001

168.1325, 0.3473,
0.3197

 3.4975, 0.4389,
0.2916

207.4153, 0.3449,
0.3203

 1.3966, 0.4830,
0.2765

252.3847, 0.3429,

 0.2142, 0.8015,

0.3209

0.1985

303.4251, 0.3411,
0.3214

0.0000, 0.0000,
0.0000

43.5627, 0.3671,
0.3140

43.5627, 0.3671,
0.3140

35.9005, 0.3941,
0.3089

52.7426, 0.3451,
0.3192

29.6683, 0.4264,
0.3044

63.5097, 0.3272,
0.3242

24.7786, 0.4640,
0.3011

75.9364, 0.3128,
0.3290

21.1319, 0.5053,
0.3000

90.0889, 0.3012,
0.3333

18.6147, 0.5469,
0.3019

94.9015, 0.2952,
0.3289

■ 17.0926, 0.5842,
0.3073

■ 16.3365, 0.6125,
0.3148

Harmonies

Analogous

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



43.5627, 0.3308, 0.2870



43.5627, 0.3671, 0.3140



43.5627, 0.3883, 0.3457

Triad

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



43.5627, 0.3671, 0.3140



43.5627, 0.3304, 0.3974



43.5627, 0.2426, 0.2778

Complementary

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



43.5627, 0.3671, 0.3140



66.4446, 0.2766, 0.3448

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.



43.5627, 0.2426, 0.3047



43.5627, 0.3671, 0.3140



43.5627, 0.2917, 0.3773

Square

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



43.5627, 0.3671, 0.3140



43.5627, 0.3657, 0.3956



43.5627, 0.2600, 0.3417



43.5627, 0.2598, 0.2660

Rectangle

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



43.5627, 0.3671, 0.3140



43.5627, 0.3903, 0.3662



43.5627, 0.2600, 0.3417



43.5627, 0.2406, 0.2852

Sweetspot

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



43.5647, 0.3671, 0.3140



85.0823, 0.3256, 0.3247



44.0043, 0.3044, 0.2517



17.7315, 0.3279, 0.3240



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.



43.5647, 0.3671, 0.3140



50.8496, 0.3831, 0.3108



50.6341, 0.3731, 0.3529



13.7430, 0.3262, 0.3246



9.3372, 0.6092, 0.3129



0.6596, 0.5674, 0.2899

Inverse Universe

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



43.5647, 0.3671, 0.3140



50.8496, 0.3831, 0.3108



56.6999, 0.2667, 0.3036



13.7430, 0.3262, 0.3246



9.3372, 0.6092, 0.3129



0.6596, 0.5674, 0.2899

Previews

White Background



This preview shows how the Yxy color 43.5627, 0.3671, 0.3140 looks on a white background.

Color Contrast Check

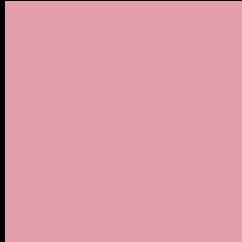
Large Text (above 18pt) WCAG AA × Fail

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 43.5627, 0.3671, 0.3140 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

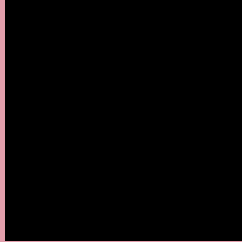
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.5627, 0.3671, 0.3140

Background



This preview shows how black text looks on a background with the Yxy color 43.5627, 0.3671, 0.3140.



This preview shows how white text looks on a background with the Yxy color 43.5627, 0.3671, 0.3140.

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

43.5627, 0.3671, 0.3140

Protanopia

43.8518, 0.3104, 0.3224

Deuteranopia

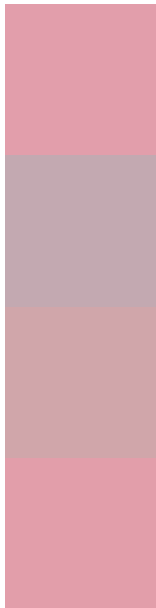
43.8607, 0.3384, 0.3316



Tritanopia

43.5248, 0.3681, 0.3151

Trichromacy



Original Color

43.5627, 0.3671, 0.3140

Protanomaly

43.1524, 0.3297, 0.3188

Deuteranomaly

43.5846, 0.3488, 0.3241

Tritanomaly

43.5248, 0.3681, 0.3151

Monochromacy



Original Color

43.5627, 0.3671, 0.3140

Achromatopsia

45.6411, 0.3127, 0.3290

Achromatomaly

44.5497, 0.3311, 0.3227

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.5627, 0.3671, 0.3140 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(226, 158, 171)` looks like.

```
.text, #text, p{  
    color:rgb(226, 158, 171)  
}
```

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(226, 158, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(226, 158, 171) }
```

Border

The CSS property to change the border of an element to Yxy 43.5627, 0.3671, 0.3140 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(226, 158, 171) }
```

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

```
.border{ border-color:rgb(226, 158, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(226, 158, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(226, 158, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(226, 158, 171);  
box-shadow:4px 4px 4px 4px rgb(226, 158,  
171) }
```


Background

The CSS property to change the background color of an element to Yxy 43.5627, 0.3671, 0.3140 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(226, 158, 171) }
```

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

```
.background{ background-color: rgb(226,  
158, 171) }
```

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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