

Converting Colors

$Y_{xy}(43.4015, 0.3662, 0.3139)$

Have a look what the booklet for
Yxy(43.4015, 0.3662, 0.3139)
contains.

Yxy(43.4015, 0.3662, 0.3139)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(43.4015, 0.3662, 0.3139)

Conversions

Conversions Part 1

Format	Color
Hex	E19EAB
RGB	225, 158, 171
RGB Percent	88%, 62%, 67%
CMY	0.1176, 0.3804, 0.3295
CMYK	0.00, 0.30, 0.24, 0.12
HSL	348°, 53%, 75%
HSV	348°, 30%, 88%
XYZ	50.6328, 43.4015, 44.2311
YIQ	179.5150, 35.7590, 18.2470

Conversions

Conversions Part 2

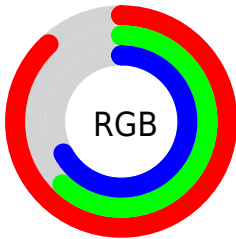
Format	Color
R _Y B	225, 158, 171
Decimal	14786219
CIE Lab	71.83, 26.76, 3.30
CIE LCh	72, 26.963, 7.037
Yxy	43.4015, 0.3662, 0.3139
Android (android.graphics.Color)	4292976299 (0xFFE19EAB)
YUV	179.5150, -4.1979, 39.8903
Hunter-Lab	65.8798, 21.8988, 6.3091

Details

The Yxy color **43.4015, 0.3662, 0.3139** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **65.8855, 0.2770, 0.3449**, and the grayscale version is **45.3781, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.3395, 0.3348, 0.3160**, and **19.9648, 0.3813, 0.3090** is the 20% darker color. If you saturate the color by 10%, you get **35.7723, 0.3929, 0.3087**, and if you desaturate by 10%, it is **52.5351, 0.3444, 0.3192**.

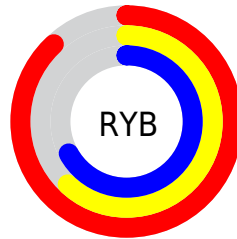
Distribution



Red (88%)

Green (62%)

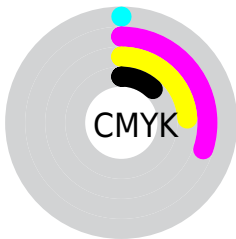
Blue (67%)



Red (88%)

Yellow (62%)

Blue (67%)

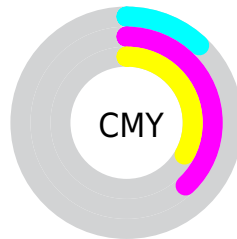


Cyan (0%)

Magenta (30%)

Yellow (24%)

Black (12%)



Cyan (12%)


Magenta (38%)


Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.4015, 0.3662, 0.3139 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 43.4015, 0.3662, 0.3139 by changing the saturation by 10% instead.


 43.4015, 0.3662,
0.3139


 43.4015, 0.3662,
0.3139

360.2603, 0.3390,
0.3218

 30.2003, 0.3731,
0.3118


 80.3164, 0.3562,
0.3168

 19.9906, 0.3821,
0.3091

 104.7988, 0.3525,
0.3179

 12.3882, 0.3941,
0.3054


133.8105, 0.3494,
0.3188

 7.0087, 0.4112,
0.3000

167.7357, 0.3467,
0.3196

 3.4675, 0.4370,
0.2915

206.9589, 0.3444,
0.3203

 1.3804, 0.4807,
0.2764

251.8645, 0.3424,

 0.2022, 0.8070,

0.3208

0.1930

302.8368, 0.3406,
0.3214

0.0000, 0.0000,
0.0000

43.4015, 0.3662,
0.3139

43.4015, 0.3662,
0.3139

35.7723, 0.3929,
0.3087

52.5351, 0.3444,
0.3192

29.5607, 0.4250,
0.3041

63.2416, 0.3267,
0.3243

24.6806, 0.4622,
0.3007

75.5926, 0.3124,
0.3291

21.0338, 0.5033,
0.2994

89.6535, 0.3009,
0.3335

18.5085, 0.5449,
0.3013

94.7509, 0.2946,
0.3289

■ 16.9726, 0.5823,
0.3066

■ 16.2033, 0.6112,
0.3142

■ 16.1900, 0.6117,
0.3143

Harmonies

Analogous

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



43.4015, 0.3303, 0.2872



43.4015, 0.3662, 0.3139



43.4015, 0.3873, 0.3452

Triad

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



43.4015, 0.3662, 0.3139



43.4015, 0.3306, 0.3967



43.4015, 0.2433, 0.2785

Complementary

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



43.4015, 0.3662, 0.3139



65.8855, 0.2770, 0.3449

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.



43.4015, 0.2434, 0.3053



43.4015, 0.3662, 0.3139



43.4015, 0.2923, 0.3770

Square

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



43.4015, 0.3662, 0.3139



43.4015, 0.3654, 0.3947



43.4015, 0.2608, 0.3419



43.4015, 0.2602, 0.2667

Rectangle

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



43.4015, 0.3662, 0.3139



43.4015, 0.3895, 0.3656



43.4015, 0.2608, 0.3419



43.4015, 0.2414, 0.2859

Sweetspot

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



43.4035, 0.3662, 0.3139



85.0866, 0.3256, 0.3247



43.8302, 0.3045, 0.2525



17.7325, 0.3279, 0.3239



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.



43.4035, 0.3662, 0.3139



50.8615, 0.3829, 0.3105



50.3618, 0.3723, 0.3527



13.7437, 0.3262, 0.3245



9.3404, 0.6083, 0.3125



0.6600, 0.5664, 0.2894

Inverse Universe

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



43.4035, 0.3662, 0.3139



50.8615, 0.3829, 0.3105



56.3276, 0.2671, 0.3039



13.7437, 0.3262, 0.3245



9.3404, 0.6083, 0.3125



0.6600, 0.5664, 0.2894

Previews

White Background



This preview shows how the Yxy color 43.4015, 0.3662, 0.3139 looks on a white background.

Color Contrast Check

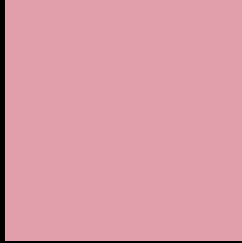
Large Text (above 18pt) WCAG AA × Fail

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 43.4015, 0.3662, 0.3139 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

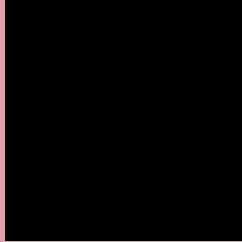
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.4015, 0.3662, 0.3139

Background



This preview shows how black text looks on a background with the Yxy color 43.4015, 0.3662, 0.3139.



This preview shows how white text looks on a background with the Yxy color 43.4015, 0.3662, 0.3139.

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

43.4015, 0.3662, 0.3139

Protanopia

43.4611, 0.3105, 0.3210

Deuteranopia

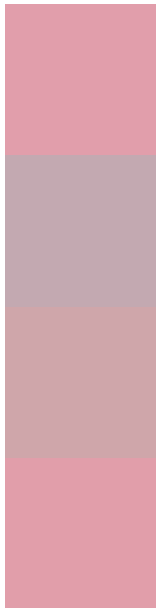
43.3498, 0.3376, 0.3304



Tritanopia

43.3636, 0.3672, 0.3151

Trichromacy



Original Color

43.4015, 0.3662, 0.3139

Protanomaly

43.1524, 0.3297, 0.3188

Deuteranomaly

43.4401, 0.3479, 0.3241

Tritanomaly

43.3636, 0.3672, 0.3151

Monochromacy



Original Color

43.4015, 0.3662, 0.3139

Achromatopsia

45.6411, 0.3127, 0.3290

Achromatomaly

44.4151, 0.3302, 0.3227

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.4015, 0.3662, 0.3139 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(225, 158, 171)` looks like.

```
.text, #text, p{  
    color:rgb(225, 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(225, 158, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(225, 158, 171) }
```

Border

The CSS property to change the border of an element to Yxy 43.4015, 0.3662, 0.3139 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(225, 158, 171) }
```

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

```
.border{ border-color:rgb(225, 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(225, 158, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(225, 158, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(225, 158, 171);  
box-shadow:4px 4px 4px 4px rgb(225, 158,  
171) }
```


Background

The CSS property to change the background color of an element to Yxy 43.4015, 0.3662, 0.3139 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(225, 158, 171) }
```

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

```
.background{ background-color: rgb(225,  
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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