

Converting Colors

$Y_{xy}(42.9687, 0.3651, 0.3018)$

Have a look what the booklet for
Yxy(42.9687, 0.3651, 0.3018)
contains.

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Color

Yxy(43.1485, 0.3650, 0.3016)

Conversions

Conversions Part 1

Format	Color
Hex	E69AB2
RGB	230, 154, 178
RGB Percent	90%, 60%, 70%
CMY	0.0981, 0.3960, 0.3019
CMYK	0.00, 0.33, 0.23, 0.10
HSL	341°, 60%, 75%
HSV	341°, 33%, 90%
XYZ	52.2188, 43.1485, 47.6980
YIQ	179.4600, 37.5920, 23.5760

Conversions

Conversions Part 2

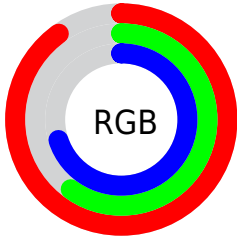
Format	Color
R _Y B	230, 154, 178
Decimal	15112882
CIE Lab	71.66, 31.69, -0.76
CIE LCh	72, 31.695, 358.618
Yxy	43.1485, 0.3650, 0.3016
Android (android.graphics.Color)	4293302962 (0xFFE69AB2)
YUV	179.4600, -0.7198, 44.3236
Hunter-Lab	65.6875, 26.9469, 2.9287

Details

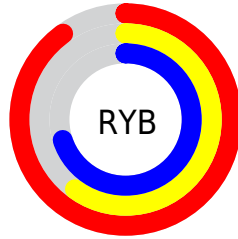
The Yxy color **43.1485, 0.3650, 0.3016** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **67.9071, 0.2786, 0.3586**, and the grayscale version is **45.3276, 0.3127, 0.3290**.

A 20% lighter version of the original color is **72.8014, 0.3295, 0.3041**, and **19.8676, 0.3809, 0.2946** is the 20% darker color. If you saturate the color by 10%, you get **35.6752, 0.3887, 0.2932**, and if you desaturate by 10%, it is **52.1526, 0.3454, 0.3102**.

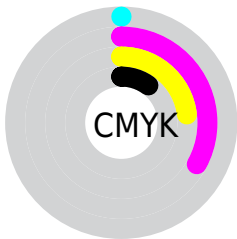
Distribution



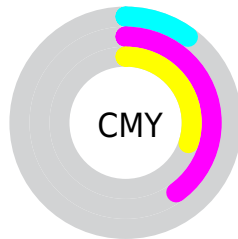
- Red (90%)
- Green (60%)
- Blue (70%)



- Red (90%)
- Yellow (60%)
- Blue (70%)



- Cyan (0%)
- Magenta (33%)
- Yellow (23%)
- Black (10%)




- Cyan (10%)
- Magenta (40%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.1485, 0.3650, 0.3016 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 43.1485, 0.3650, 0.3016 by changing the saturation by 10% instead.


 43.1485, 0.3650,
0.3016


 43.1485, 0.3650,
0.3016


359.2221, 0.3386,
0.3154

 30.0016, 0.3717,
0.2981


 79.9349, 0.3553,
0.3066

 19.8398, 0.3803,
0.2936

 104.3432, 0.3517,
0.3085

 12.2787, 0.3919,
0.2876


133.2742, 0.3487,
0.3101

 6.9338, 0.4081,
0.2792

167.1122, 0.3461,
0.3115

 3.4207, 0.4327,
0.2666

206.2416, 0.3438,
0.3127

 1.3551, 0.4737,
0.2457

251.0468, 0.3418,

 0.1833, 0.6858,

0.3137

0.1320

301.9121, 0.3401,
0.3146

0.0000, 0.0000,
0.0000

43.1485, 0.3650,
0.3016

43.1485, 0.3650,
0.3016

35.6752, 0.3887,
0.2932

52.1526, 0.3454,
0.3102

29.6408, 0.4167,
0.2858

62.7604, 0.3293,
0.3187

24.9531, 0.4489,
0.2803

75.0475, 0.3162,
0.3267

21.5065, 0.4840,
0.2780

89.0827, 0.3055,
0.3341

19.1791, 0.5199,
0.2799

95.5588, 0.2975,
0.3290

■ 17.8242, 0.5534,
0.2868

■ 17.2949, 0.5741,
0.2936

Harmonies

Analogous

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



43.1485, 0.3200, 0.2736



43.1485, 0.3650, 0.3016



43.1485, 0.3962, 0.3368

Triad

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



43.1485, 0.3650, 0.3016



43.1485, 0.3456, 0.4112



43.1485, 0.2299, 0.2766

Complementary

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



43.1485, 0.3650, 0.3016



67.9071, 0.2786, 0.3586

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.



43.1485, 0.2356, 0.3119



43.1485, 0.3650, 0.3016



43.1485, 0.3006, 0.3952

Square

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



43.1485, 0.3650, 0.3016



43.1485, 0.3835, 0.4010



43.1485, 0.2607, 0.3567



43.1485, 0.2440, 0.2583

Rectangle

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



43.1485, 0.3650, 0.3016



43.1485, 0.4036, 0.3611



43.1485, 0.2607, 0.3567



43.1485, 0.2296, 0.2866

Sweetspot

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



43.1505, 0.3650, 0.3016



83.7225, 0.3251, 0.3211



41.9395, 0.2956, 0.2418



17.4681, 0.3271, 0.3200



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.



43.1505, 0.3650, 0.3016



47.5542, 0.3816, 0.2955



47.1369, 0.3843, 0.3453



14.4426, 0.3243, 0.3216



9.8134, 0.5700, 0.2913



0.7415, 0.5285, 0.2685

Inverse Universe

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



43.1505, 0.3650, 0.3016



47.5542, 0.3816, 0.2955



61.7206, 0.2636, 0.3119



14.4426, 0.3243, 0.3216



9.8134, 0.5700, 0.2913



0.7415, 0.5285, 0.2685

Previews

White Background



This preview shows how the Yxy color 43.1485, 0.3650, 0.3016 looks on a white background.

Color Contrast Check

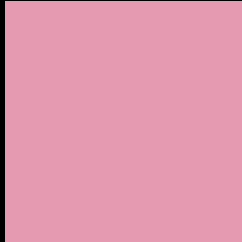
Large Text (above 18pt) WCAG AA × Fail

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 43.1485, 0.3650, 0.3016 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 43.1485, 0.3650, 0.3016

Background



This preview shows how black text looks on a background with the Yxy color 43.1485, 0.3650, 0.3016.



This preview shows how white text looks on a background with the Yxy color 43.1485, 0.3650, 0.3016.

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

43.1485, 0.3650, 0.3016

Protanopia

43.4916, 0.3007, 0.3092

Deuteranopia

43.1821, 0.3295, 0.3226



Tritanopia

43.2621, 0.3736, 0.3153

Trichromacy



Original Color

43.1485, 0.3650, 0.3016

Protanomaly

42.7847, 0.3221, 0.3049

Deuteranomaly

42.8073, 0.3418, 0.3142

Tritanomaly

43.0793, 0.3699, 0.3095

Monochromacy



Original Color

43.1485, 0.3650, 0.3016

Achromatopsia

45.0786, 0.3127, 0.3290

Achromatomaly

44.0099, 0.3306, 0.3177

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.1485, 0.3650, 0.3016 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(230, 154, 178)` looks like.

```
.text, #text, p{  
  color:rgb(230, 154, 178)  
}
```

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(230, 154, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(230, 154, 178) }
```

Border

The CSS property to change the border of an element to Yxy 43.1485, 0.3650, 0.3016 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(230, 154, 178) }
```

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

```
.border{ border-color:rgb(230, 154, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(230, 154, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(230, 154, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(230, 154, 178);  
box-shadow:4px 4px 4px 4px rgb(230, 154,  
178) }
```


Background

The CSS property to change the background color of an element to Yxy 43.1485, 0.3650, 0.3016 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(230, 154, 178) }
```

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

```
.background{ background-color: rgb(230,  
154, 178) }
```

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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