

Converting Colors

$Y_{xy}(46.7093, 0.3580, 0.3139)$

Have a look what the booklet for
Yxy(46.7093, 0.3580, 0.3139)
contains.

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Color

Yxy(46.8580, 0.3583, 0.3141)

Conversions

Conversions Part 1

Format	Color
Hex	E3A6B3
RGB	227, 166, 179
RGB Percent	89%, 65%, 70%
CMY	0.1098, 0.3490, 0.2981
CMYK	0.00, 0.27, 0.21, 0.11
HSL	347°, 52%, 77%
HSV	347°, 27%, 89%
XYZ	53.4518, 46.8580, 48.8720
YIQ	185.7210, 32.1830, 16.9750

Conversions

Conversions Part 2

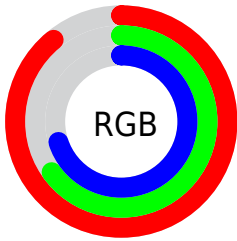
Format	Color
R_{YB}	227, 166, 179
Decimal	14919347
CIE _{Lab}	74.10, 24.35, 2.21
CIE _{LCh}	74, 24.453, 5.190
Yxy	46.8580, 0.3583, 0.3141
Android (android.graphics.Color)	4293109427 (0xFFE3A6B3)
YUV	185.7210, -3.3135, 36.2017
Hunter-Lab	68.4529, 19.5901, 5.5869

Details

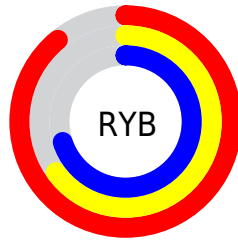
The Yxy color **46.8580, 0.3583, 0.3141** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **67.9037, 0.2808, 0.3446**, and the grayscale version is **48.9452, 0.3127, 0.3290**.

A 20% lighter version of the original color is **78.9711, 0.3276, 0.3152**, and **22.1989, 0.3722, 0.3109** is the 20% darker color. If you saturate the color by 10%, you get **38.6457, 0.3829, 0.3083**, and if you desaturate by 10%, it is **56.6249, 0.3383, 0.3199**.

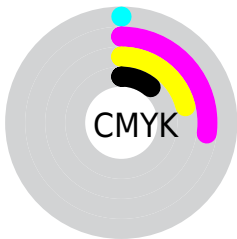
Distribution



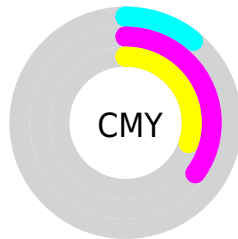
- Red (89%)
- Green (65%)
- Blue (70%)



- Red (89%)
- Yellow (65%)
- Blue (70%)



- Cyan (0%)
- Magenta (27%)
- Yellow (21%)
- Black (11%)





- Cyan (11%)
- Magenta (35%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 46.8580, 0.3583, 0.3141 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 46.8580, 0.3583, 0.3141 by changing the saturation by 10% instead.

 46.8580, 0.3583,
0.3141


 46.8580, 0.3583,
0.3141

374.2474, 0.3355,
0.3217

 32.9234, 0.3640,
0.3122


 85.5016, 0.3500,
0.3169

 22.0678, 0.3714,
0.3097


 110.9794, 0.3469,
0.3179

 13.9067, 0.3812,
0.3063


141.0738, 0.3442,
0.3188

 8.0558, 0.3948,
0.3015

176.1691, 0.3420,
0.3196

 4.1307, 0.4153,
0.2942

216.6497, 0.3400,
0.3202

 1.7469, 0.4488,
0.2819

262.9000, 0.3383,

 0.4538, 0.5672,

0.3208

0.2476

315.3045, 0.3368,
0.3213

0.0000, 0.0000,
0.0000

46.8580, 0.3583,
0.3141

46.8580, 0.3583,
0.3141

38.6457, 0.3829,
0.3083

56.6249, 0.3383,
0.3199

31.9014, 0.4126,
0.3029

68.0141, 0.3220,
0.3254

26.5397, 0.4475,
0.2986

81.0975, 0.3089,
0.3306

22.4641, 0.4867,
0.2963

94.7826, 0.2983,
0.3335

19.5651, 0.5277,
0.2970

95.0716, 0.2958,
0.3290

■ 17.7154, 0.5666,
0.3014

■ 16.7515, 0.5984,
0.3092

■ 16.5478, 0.6068,
0.3116

Harmonies

Analogous

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



46.8580, 0.3262, 0.2905



46.8580, 0.3583, 0.3141



46.8580, 0.3779, 0.3421

Triad

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



46.8580, 0.3583, 0.3141



46.8580, 0.3309, 0.3889



46.8580, 0.2504, 0.2855

Complementary

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



46.8580, 0.3583, 0.3141



67.9037, 0.2808, 0.3446

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.



46.8580, 0.2516, 0.3102



46.8580, 0.3583, 0.3141



46.8580, 0.2968, 0.3726

Square

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



46.8580, 0.3583, 0.3141



46.8580, 0.3611, 0.3865



46.8580, 0.2682, 0.3426



46.8580, 0.2647, 0.2738

Rectangle

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



46.8580, 0.3583, 0.3141



46.8580, 0.3807, 0.3603



46.8580, 0.2682, 0.3426



46.8580, 0.2490, 0.2924

Sweetspot

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



46.8602, 0.3583, 0.3141



86.6766, 0.3238, 0.3248



47.0846, 0.3046, 0.2600



18.0504, 0.3261, 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.



46.8602, 0.3583, 0.3141



55.0526, 0.3708, 0.3110



53.0708, 0.3655, 0.3491



14.4180, 0.3259, 0.3240



9.6643, 0.6034, 0.3098



0.7276, 0.5631, 0.2876

Inverse Universe

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



46.8602, 0.3583, 0.3141



55.0526, 0.3708, 0.3110



59.6093, 0.2716, 0.3079



14.4180, 0.3259, 0.3240



9.6643, 0.6034, 0.3098



0.7276, 0.5631, 0.2876

Previews

White Background



This preview shows how the Yxy color 46.8580, 0.3583, 0.3141 looks on a white background.

Color Contrast Check

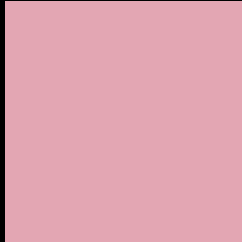
Large Text (above 18pt) WCAG AA × Fail

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 46.8580, 0.3583, 0.3141 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

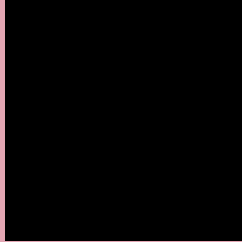
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 46.8580, 0.3583, 0.3141

Background



This preview shows how black text looks on a background with the Yxy color 46.8580, 0.3583, 0.3141.



This preview shows how white text looks on a background with the Yxy color 46.8580, 0.3583, 0.3141.

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

46.8580, 0.3583, 0.3141

Protanopia

47.2771, 0.3097, 0.3213

Deuteranopia

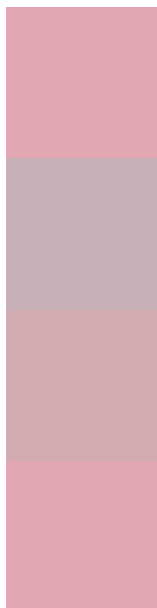
46.7815, 0.3351, 0.3278



Tritanopia

46.8580, 0.3583, 0.3141

Trichromacy



Original Color

46.8580, 0.3583, 0.3141

Protanomaly

46.8328, 0.3265, 0.3179

Deuteranomaly

46.5683, 0.3431, 0.3218

Tritanomaly

46.8580, 0.3583, 0.3141

Monochromacy



Original Color

46.8580, 0.3583, 0.3141

Achromatopsia

49.1021, 0.3127, 0.3290

Achromatomaly

48.0766, 0.3287, 0.3241

CSS Examples

Text

The CSS property to change the color of the text to Yxy 46.8580, 0.3583, 0.3141 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(227, 166, 179)` looks like.

```
.text, #text, p{  
    color:rgb(227, 166, 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(227, 166, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(227, 166, 179) }
```

Border

The CSS property to change the border of an element to Yxy 46.8580, 0.3583, 0.3141 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(227, 166, 179) }
```

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

```
.border{ border-color:rgb(227, 166, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(227, 166, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(227, 166, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(227, 166, 179);  
box-shadow:4px 4px 4px 4px rgb(227, 166,  
179) }
```


Background

The CSS property to change the background color of an element to Yxy 46.8580, 0.3583, 0.3141 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(227, 166, 179) }
```

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

```
.background{ background-color: rgb(227,  
166, 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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