

Converting Colors

$Yxy(44.3474, 0.3828, 0.3289)$

Have a look what the booklet for
Yxy(44.3474, 0.3828, 0.3289)
contains.

Yxy(44.3233, 0.3826, 0.3281)	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(44.3233, 0.3826, 0.3281)

Conversions

Conversions Part 1

Format	Color
Hex	E79FA0
RGB	231, 159, 160
RGB Percent	91%, 62%, 63%
CMY	0.0943, 0.3763, 0.3726
CMYK	0.00, 0.31, 0.31, 0.09
HSL	359°, 60%, 76%
HSV	359°, 31%, 91%
XYZ	51.6858, 44.3233, 39.0818
YIQ	180.6420, 42.5910, 15.5750

Conversions

Conversions Part 2

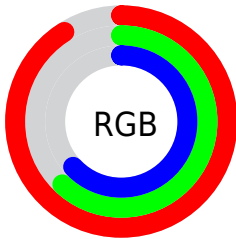
Format	Color
RYP	231, 159, 160
Decimal	15179680
CIELab	72.44, 26.89, 10.35
CIElCh	72, 28.814, 21.061
Yxy	44.3233, 0.3826, 0.3281
Android (android.graphics.Color)	4293369760 (0xFFE79FA0)
YUV	180.6420, -10.1765, 44.1640
Hunter-Lab	66.5757, 22.0700, 11.7982

Details

The Yxy color **44.3233, 0.3826, 0.3281** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **70.2122, 0.2686, 0.3300**, and the grayscale version is **46.0443, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.2594, 0.3426, 0.3281**, and **20.6182, 0.4031, 0.3263** is the 20% darker color. If you saturate the color by 10%, you get **36.3830, 0.4169, 0.3279**, and if you desaturate by 10%, it is **53.8980, 0.3547, 0.3284**.

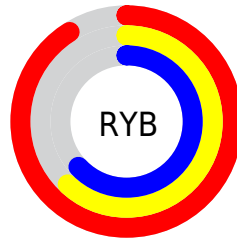
Distribution



Red (91%)

Green (62%)

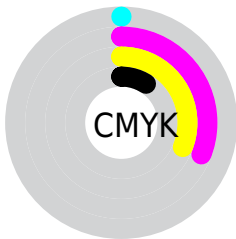
Blue (63%)



Red (91%)

Yellow (62%)

Blue (63%)

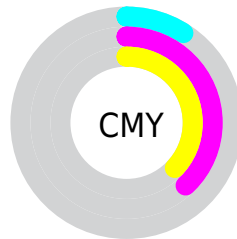


Cyan (0%)

Magenta (31%)

Yellow (31%)

Black (9%)



Cyan (9%)


Magenta (38%)


Yellow (37%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 44.3233, 0.3826, 0.3281 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 44.3233, 0.3826, 0.3281 by changing the saturation by 10% instead.


 44.3233, 0.3826,
0.3281


 44.3233, 0.3826,
0.3281

364.0259, 0.3470,
0.3294

 30.9248, 0.3916,
0.3275


 81.7040, 0.3695,
0.3287

 20.5416, 0.4033,
0.3266


 106.4550, 0.3647,
0.3289

 12.7893, 0.4190,
0.3252

135.7588, 0.3606,
0.3291

 7.2836, 0.4411,
0.3227

170.0000, 0.3571,
0.3292

 3.6401, 0.4743,
0.3178

209.5630, 0.3541,
0.3292

 1.4744, 0.5303,
0.3077

254.8320, 0.3514,

 0.2706, 0.7719,

0.3293

0.2281

306.1915, 0.3491,
0.3293

0.0000, 0.0000,
0.0000

44.3233, 0.3826,
0.3281

44.3233, 0.3826,
0.3281

36.3830, 0.4169,
0.3279

53.8980, 0.3547,
0.3284

29.9799, 0.4578,
0.3277

65.1846, 0.3324,
0.3287

25.0165, 0.5042,
0.3277

78.2630, 0.3145,
0.3290

21.3814, 0.5520,
0.3279

93.2067, 0.3002,
0.3292

18.9469, 0.5947,
0.3284

95.7210, 0.2981,
0.3290

■ 17.5605, 0.6250,
0.3290

■ 16.9877, 0.6390,
0.3294

Harmonies

Analogous

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



44.3233, 0.3503, 0.2970



44.3233, 0.3826, 0.3281



44.3233, 0.3946, 0.3612

Triad

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



44.3233, 0.3826, 0.3281



44.3233, 0.3123, 0.3941



44.3233, 0.2455, 0.2676

Complementary

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



44.3233, 0.3826, 0.3281



70.2122, 0.2686, 0.3300

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.



44.3233, 0.2371, 0.2887



44.3233, 0.3826, 0.3281



44.3233, 0.2740, 0.3638

Square

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



44.3233, 0.3826, 0.3281



44.3233, 0.3524, 0.4027



44.3233, 0.2471, 0.3237



44.3233, 0.2709, 0.2630

Rectangle

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



44.3233, 0.3826, 0.3281



44.3233, 0.3893, 0.3809



44.3233, 0.2471, 0.3237



44.3233, 0.2407, 0.2728

Sweetspot

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



44.3254, 0.3826, 0.3281



84.8478, 0.3283, 0.3287



47.3559, 0.3153, 0.2515



17.6742, 0.3311, 0.3287



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.



44.3254, 0.3826, 0.3281



49.2328, 0.4026, 0.3279



57.9767, 0.3714, 0.3685



14.3711, 0.3290, 0.3287



9.5294, 0.6386, 0.3292



0.7053, 0.6345, 0.3269

Inverse Universe

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



44.3254, 0.3826, 0.3281



49.2328, 0.4026, 0.3279



52.7066, 0.2630, 0.2858



14.3711, 0.3290, 0.3287



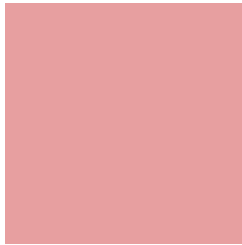
9.5294, 0.6386, 0.3292



0.7053, 0.6345, 0.3269

Previews

White Background



This preview shows how the Yxy color 44.3233, 0.3826, 0.3281 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 44.3233, 0.3826, 0.3281 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 44.3233, 0.3826, 0.3281

Background



This preview shows how black text looks on a background with the Yxy color 44.3233, 0.3826, 0.3281.



This preview shows how white text looks on a background with the Yxy color 44.3233, 0.3826, 0.3281.

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

44.3233, 0.3826, 0.3281

Protanopia

44.4138, 0.3238, 0.3383

Deuteranopia

44.6702, 0.3537, 0.3468



Tritanopia

44.5118, 0.3739, 0.3154

Trichromacy



Original Color

44.3233, 0.3826, 0.3281

Protanomaly

43.7820, 0.3441, 0.3342

Deuteranomaly

44.2868, 0.3637, 0.3390

Tritanomaly

44.3627, 0.3779, 0.3200

Monochromacy



Original Color

44.3233, 0.3826, 0.3281

Achromatopsia

46.2077, 0.3127, 0.3290

Achromatomaly

45.0464, 0.3363, 0.3291

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.3233, 0.3826, 0.3281 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(231, 159, 160)` looks like.

```
.text, #text, p{  
    color:rgb(231, 159, 160)  
}
```

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(231, 159, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(231, 159, 160) }
```

Border

The CSS property to change the border of an element to Yxy 44.3233, 0.3826, 0.3281 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(231, 159, 160) }
```

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

```
.border{ border-color:rgb(231, 159, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(231, 159, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(231, 159, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(231, 159, 160);  
box-shadow:4px 4px 4px 4px rgb(231, 159,  
160) }
```


Background

The CSS property to change the background color of an element to Yxy 44.3233, 0.3826, 0.3281 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(231, 159, 160) }
```

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

```
.background{ background-color: rgb(231,  
159, 160) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor