

Converting Colors

$Yxy(39.8220, 0.3477, 0.3233)$

Have a look what the booklet for
Yxy(39.8220, 0.3477, 0.3233)
contains.

Yxy(39.6187, 0.3474, 0.3226)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(39.6187, 0.3474, 0.3226)

Conversions

Conversions Part 1

Format	Color
Hex	C79FA4
RGB	199, 159, 164
RGB Percent	78%, 62%, 64%
CMY	0.2194, 0.3765, 0.3568
CMYK	0.00, 0.20, 0.18, 0.22
HSL	352°, 26%, 70%
HSV	352°, 20%, 78%
XYZ	42.6644, 39.6187, 40.5275
YIQ	171.5300, 22.2350, 10.0350

Conversions

Conversions Part 2

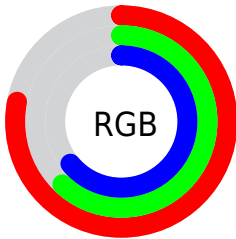
Format	Color
RYB	199, 159, 164
Decimal	13082532
CIELab	69.20, 15.61, 3.02
CIELCh	69, 15.897, 10.969
Yxy	39.6187, 0.3474, 0.3226
Android (android.graphics.Color)	4291272612 (0xFFC79FA4)
YUV	171.5300, -3.7123, 24.0912
Hunter-Lab	62.9434, 10.8403, 5.8852

Details

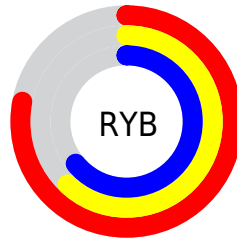
The Yxy color **39.6187, 0.3474, 0.3226** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **52.1382, 0.2862, 0.3356**, and the grayscale version is **41.0192, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.4676, 0.3397, 0.3240**, and **17.7050, 0.3594, 0.3204** is the 20% darker color. If you saturate the color by 10%, you get **32.7313, 0.3711, 0.3192**, and if you desaturate by 10%, it is **47.6981, 0.3283, 0.3259**.

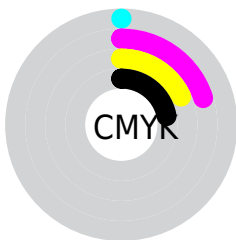
Distribution



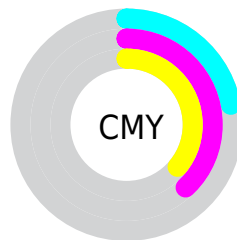
- Red (78%)
- Green (62%)
- Blue (64%)



- Red (78%)
- Yellow (62%)
- Blue (64%)



- Cyan (0%)
- Magenta (20%)
- Yellow (18%)
- Black (22%)





- Cyan (22%)
- Magenta (38%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.6187, 0.3474, 0.3226 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 39.6187, 0.3474, 0.3226 by changing the saturation by 10% instead.

 39.6187, 0.3474,
0.3226


 39.6187, 0.3474,
0.3226

344.5138, 0.3295,
0.3260

 27.2414, 0.3521,
0.3217


 74.5825, 0.3408,
0.3239

 17.7546, 0.3581,
0.3204


 97.9378, 0.3383,
0.3244

 10.7739, 0.3665,
0.3186


125.7212, 0.3363,
0.3248

 5.9150, 0.3785,
0.3160

158.3172, 0.3345,
0.3251

 2.7935, 0.3973,
0.3116

196.1100, 0.3330,
0.3254

 1.0249, 0.4312,
0.3033


239.4841, 0.3317,


 0.0000, 1.0000,


0.3256


0.0000


288.8239, 0.3305,
0.3259

 0.0000, 0.0000,
0.0000


 39.6187, 0.3474,
0.3226


 39.6187, 0.3474,
0.3226


 32.7313, 0.3711,
0.3192


 47.6981, 0.3283,
0.3259

 26.9744, 0.4001,
0.3159


 57.0166, 0.3129,
0.3290


 22.2891, 0.4350,
0.3131

 67.6253, 0.3005,
0.3318

 18.6090, 0.4753,
0.3111

 79.5707, 0.2904,
0.3344

 15.8603, 0.5191,
0.3107

 90.6375, 0.2820,
0.3331

■ 13.9590, 0.5623,
0.3125

■ 90.8900, 0.2800,
0.3289

■ 12.8062, 0.5992,
0.3167

■ 12.2202, 0.6250,
0.3217

Harmonies

Analogous

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



39.6187, 0.3268, 0.3049



39.6187, 0.3474, 0.3226



39.6187, 0.3585, 0.3425

Triad

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



39.6187, 0.3474, 0.3226



39.6187, 0.3211, 0.3683



39.6187, 0.2703, 0.2968

Complementary

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



39.6187, 0.3474, 0.3226



52.1382, 0.2862, 0.3356

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.



39.6187, 0.2690, 0.3127



39.6187, 0.3474, 0.3226



39.6187, 0.2978, 0.3551

Square

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



39.6187, 0.3474, 0.3226



39.6187, 0.3428, 0.3698



39.6187, 0.2789, 0.3342



39.6187, 0.2825, 0.2900

Rectangle

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



39.6187, 0.3474, 0.3226



39.6187, 0.3588, 0.3546



39.6187, 0.2789, 0.3342



39.6187, 0.2686, 0.3012

Sweetspot

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



39.6205, 0.3474, 0.3226



89.7918, 0.3217, 0.3272



40.3473, 0.3101, 0.2788



18.9919, 0.3227, 0.3270



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.



39.6205, 0.3474, 0.3226



63.9947, 0.3568, 0.3212



44.7993, 0.3487, 0.3479



10.6583, 0.3270, 0.3261



7.8600, 0.6227, 0.3204



0.3795, 0.5776, 0.2955

Inverse Universe

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



39.6205, 0.3474, 0.3226



63.9947, 0.3568, 0.3212



45.9269, 0.2817, 0.3093



10.6583, 0.3270, 0.3261



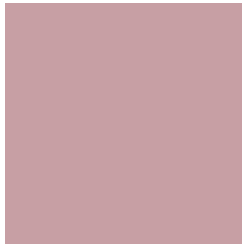
7.8600, 0.6227, 0.3204



0.3795, 0.5776, 0.2955

Previews

White Background



This preview shows how the Yxy color 39.6187, 0.3474, 0.3226 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 39.6187, 0.3474, 0.3226 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

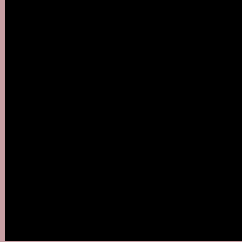
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.6187, 0.3474, 0.3226

Background



This preview shows how black text looks on a background with the Yxy color 39.6187, 0.3474, 0.3226.



This preview shows how white text looks on a background with the Yxy color 39.6187, 0.3474, 0.3226.

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

39.6187, 0.3474, 0.3226

Protanopia

39.6405, 0.3155, 0.3276

Deuteranopia

39.8866, 0.3365, 0.3304



Tritanopia

39.6354, 0.3428, 0.3137

Trichromacy



Original Color

39.6187, 0.3474, 0.3226

Protanomaly

39.6454, 0.3270, 0.3263

Deuteranomaly

39.6915, 0.3408, 0.3278

Tritanomaly

39.5602, 0.3447, 0.3163

Monochromacy



Original Color

39.6187, 0.3474, 0.3226

Achromatopsia

41.2543, 0.3127, 0.3290

Achromatomaly

40.4471, 0.3249, 0.3263

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.6187, 0.3474, 0.3226 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(199, 159, 164)` looks like.

```
.text, #text, p{  
    color:rgb(199, 159, 164)  
}
```

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(199, 159, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 159, 164) }
```

Border

The CSS property to change the border of an element to Yxy 39.6187, 0.3474, 0.3226 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(199, 159, 164) }
```

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

```
.border{ border-color:rgb(199, 159, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 159, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 159, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 159, 164);  
box-shadow:4px 4px 4px 4px rgb(199, 159,  
164) }
```


Background

The CSS property to change the background color of an element to Yxy 39.6187, 0.3474, 0.3226 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 159, 164) }
```

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

```
.background{ background-color: rgb(199,  
159, 164) }
```

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