

Converting Colors

$Yxy(39.2907, 0.3776, 0.3219)$

Have a look what the booklet for
Yxy(39.2907, 0.3776, 0.3219)
contains.

Yxy(39.2731, 0.3781, 0.3219)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(39.2731, 0.3781, 0.3219)

Conversions

Conversions Part 1

Format	Color
Hex	DB969C
RGB	219, 150, 156
RGB Percent	86%, 59%, 61%
CMY	0.1410, 0.4118, 0.3882
CMYK	0.00, 0.32, 0.29, 0.14
HSL	355°, 49%, 72%
HSV	355°, 32%, 86%
XYZ	46.1297, 39.2731, 36.6012
YIQ	171.3150, 39.1980, 16.4940

Conversions

Conversions Part 2

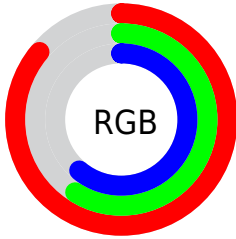
Format	Color
R _Y B	219, 150, 156
Decimal	14390940
CIE Lab	68.95, 26.77, 7.40
CIE LCh	69, 27.778, 15.452
Yxy	39.2731, 0.3781, 0.3219
Android (android.graphics.Color)	4292581020 (0xFFDB969C)
YUV	171.3150, -7.5503, 41.8197
Hunter-Lab	62.6683, 21.7233, 9.2396

Details

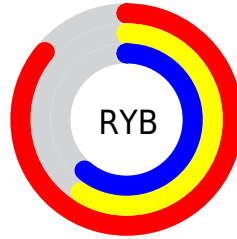
The Yxy color **39.2731, 0.3781, 0.3219** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **61.9730, 0.2711, 0.3364**, and the grayscale version is **40.9166, 0.3127, 0.3290**.

A 20% lighter version of the original color is **69.5758, 0.3479, 0.3240**, and **17.4367, 0.3979, 0.3180** is the 20% darker color. If you saturate the color by 10%, you get **32.3038, 0.4097, 0.3197**, and if you desaturate by 10%, it is **47.6641, 0.3523, 0.3242**.

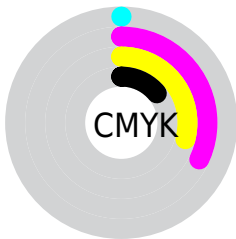
Distribution



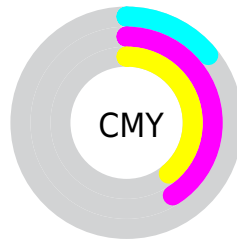
- Red (86%)
- Green (59%)
- Blue (61%)



- Red (86%)
- Yellow (59%)
- Blue (61%)



- Cyan (0%)
- Magenta (32%)
- Yellow (29%)
- Black (14%)





- Cyan (14%)
- Magenta (41%)
- Yellow (39%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.2731, 0.3781, 0.3219 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 39.2731, 0.3781, 0.3219 by changing the saturation by 10% instead.


 39.2731, 0.3781,
0.3219


 39.2731, 0.3781,
0.3219


343.0502, 0.3442,
0.3262

 26.9722, 0.3869,
0.3206


 74.0553, 0.3655,
0.3236

 17.5524, 0.3985,
0.3188


 97.3055, 0.3609,
0.3242

 10.6291, 0.4143,
0.3161


124.9742, 0.3570,
0.3247

 5.8180, 0.4370,
0.3118

157.4459, 0.3537,
0.3251

 2.7347, 0.4723,
0.3042

195.1050, 0.3508,
0.3254

 0.9949, 0.5421,
0.2927

238.3358, 0.3483,

 0.0000, 1.0000,

0.3257

0.0000

287.5227, 0.3461,
0.3259

■ 0.0000, 0.0000,
0.0000

■ 39.2731, 0.3781,
0.3219

■ 39.2731, 0.3781,
0.3219

■ 32.3038, 0.4097,
0.3197

■ 47.6641, 0.3523,
0.3242

■ 26.6723, 0.4475,
0.3178

■ 57.5437, 0.3316,
0.3265

■ 22.2944, 0.4906,
0.3168

■ 68.9811, 0.3149,
0.3287

■ 19.0741, 0.5364,
0.3170

■ 82.0396, 0.3016,
0.3307

■ 16.9013, 0.5795,
0.3189

■ 93.8065, 0.2912,
0.3289

■ 15.6451, 0.6134,
0.3223

■ 15.1138, 0.6318,
0.3254

Harmonies

Analogous

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



39.2731, 0.3430, 0.2918



39.2731, 0.3781, 0.3219



39.2731, 0.3945, 0.3553

Triad

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



39.2731, 0.3781, 0.3219



39.2731, 0.3200, 0.3978



39.2731, 0.2423, 0.2701

Complementary

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



39.2731, 0.3781, 0.3219



61.9730, 0.2711, 0.3364

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.



39.2731, 0.2373, 0.2942



39.2731, 0.3781, 0.3219



39.2731, 0.2804, 0.3708

Square

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



39.2731, 0.3781, 0.3219



39.2731, 0.3593, 0.4019



39.2731, 0.2507, 0.3312



39.2731, 0.2648, 0.2624

Rectangle

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



39.2731, 0.3781, 0.3219



39.2731, 0.3922, 0.3759



39.2731, 0.2507, 0.3312



39.2731, 0.2386, 0.2764

Sweetspot

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



39.2750, 0.3781, 0.3219



84.9447, 0.3272, 0.3271



40.9421, 0.3101, 0.2495



17.6979, 0.3298, 0.3268



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.



39.2750, 0.3781, 0.3219



48.5209, 0.3989, 0.3204



48.9531, 0.3742, 0.3622



13.0698, 0.3278, 0.3270



8.9647, 0.6298, 0.3243



0.5873, 0.6024, 0.3092

Inverse Universe

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



39.2750, 0.3781, 0.3219



48.5209, 0.3989, 0.3204



49.0441, 0.2635, 0.2931



13.0698, 0.3278, 0.3270



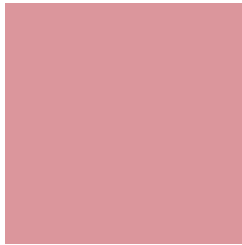
8.9647, 0.6298, 0.3243



0.5873, 0.6024, 0.3092

Previews

White Background



This preview shows how the Yxy color 39.2731, 0.3781, 0.3219 looks on a white background.

Color Contrast Check

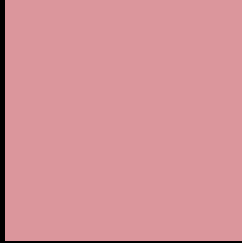
Large Text (above 18pt) WCAG AA × Fail

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 39.2731, 0.3781, 0.3219 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

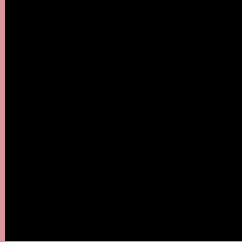
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.2731, 0.3781, 0.3219

Background



This preview shows how black text looks on a background with the Yxy color 39.2731, 0.3781, 0.3219.



This preview shows how white text looks on a background with the Yxy color 39.2731, 0.3781, 0.3219.

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

39.2731, 0.3781, 0.3219

Protanopia

39.5291, 0.3181, 0.3318

Deuteranopia

39.4746, 0.3471, 0.3411



Tritanopia

39.2837, 0.3741, 0.3147

Trichromacy



Original Color

39.2731, 0.3781, 0.3219

Protanomaly

38.9172, 0.3390, 0.3277

Deuteranomaly

39.2378, 0.3584, 0.3330

Tritanomaly

39.2137, 0.3762, 0.3171

Monochromacy



Original Color

39.2731, 0.3781, 0.3219

Achromatopsia

40.7240, 0.3127, 0.3290

Achromatomaly

39.6389, 0.3339, 0.3251

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.2731, 0.3781, 0.3219 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(219, 150, 156)` looks like.

```
.text, #text, p{  
    color:rgb(219, 150, 156)  
}
```

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(219, 150, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 150, 156) }
```

Border

The CSS property to change the border of an element to Yxy 39.2731, 0.3781, 0.3219 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(219, 150, 156) }
```

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

```
.border{ border-color:rgb(219, 150, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 150, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 150, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 150, 156);  
box-shadow:4px 4px 4px 4px rgb(219, 150,  
156) }
```


Background

The CSS property to change the background color of an element to Yxy 39.2731, 0.3781, 0.3219 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 150, 156) }
```

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

```
.background{ background-color: rgb(219,  
150, 156) }
```

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