

Converting Colors

$Yxy(38.0367, 0.3876, 0.3232)$

Have a look what the booklet for
Yxy(38.0367, 0.3876, 0.3232)
contains.

Yxy(38.1643, 0.3869, 0.3232)	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(38.1643, 0.3869, 0.3232)

Conversions

Conversions Part 1

Format	Color
Hex	DD9297
RGB	221, 146, 151
RGB Percent	87%, 57%, 59%
CMY	0.1333, 0.4275, 0.4079
CMYK	0.00, 0.34, 0.32, 0.13
HSL	356°, 52%, 72%
HSV	356°, 34%, 87%
XYZ	45.6862, 38.1643, 34.2321
YIQ	168.9950, 43.0950, 17.4550

Conversions

Conversions Part 2

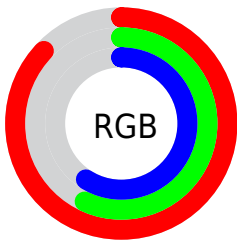
Format	Color
R _Y B	221, 146, 151
Decimal	14520983
CIE Lab	68.14, 28.99, 9.08
CIE LCh	68, 30.377, 17.386
Yxy	38.1643, 0.3869, 0.3232
Android (android.graphics.Color)	4292711063 (0xFFDD9297)
YUV	168.9950, -8.8715, 45.6084
Hunter-Lab	61.7773, 23.8960, 10.3902

Details

The Yxy color **38.1643, 0.3869, 0.3232** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **62.7906, 0.2675, 0.3351**, and the grayscale version is **39.7031, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.4411, 0.3525, 0.3250**, and **16.8180, 0.4109, 0.3198** is the 20% darker color. If you saturate the color by 10%, you get **31.3856, 0.4208, 0.3216**, and if you desaturate by 10%, it is **46.3811, 0.3591, 0.3250**.

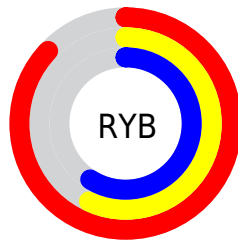
Distribution



Red (87%)

Green (57%)

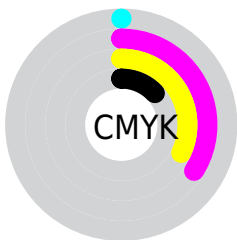
Blue (59%)



Red (87%)

Yellow (57%)

Blue (59%)

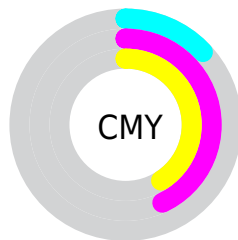


Cyan (0%)

Magenta (34%)

Yellow (32%)

Black (13%)



Cyan (13%)


Magenta (43%)


Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.1643, 0.3869, 0.3232 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 38.1643, 0.3869, 0.3232 by changing the saturation by 10% instead.


 38.1643, 0.3869,
0.3232


 38.1643, 0.3869,
0.3232


338.3242, 0.3482,
0.3270

 26.1102, 0.3970,
0.3219


 72.3599, 0.3725,
0.3248

 16.9061, 0.4103,
0.3201


 95.2702, 0.3672,
0.3254

 10.1676, 0.4285,
0.3173


122.5681, 0.3627,
0.3258

 5.5102, 0.4548,
0.3127

154.6379, 0.3590,
0.3261

 2.5496, 0.4956,
0.3041

191.8640, 0.3557,
0.3264

 0.9014, 0.5893,
0.2966

234.6308, 0.3529,


 0.0000, 1.0000,


0.3266


0.0000


283.3228, 0.3504,
0.3268


 0.0000, 0.0000,
0.0000


 38.1643, 0.3869,
0.3232


 38.1643, 0.3869,
0.3232


 31.3856, 0.4208,
0.3216


 46.3811, 0.3591,
0.3250


 25.9571, 0.4610,
0.3204


 56.1061, 0.3367,
0.3267


 21.7901, 0.5061,
0.3198

 67.4117, 0.3188,
0.3284

 18.7828, 0.5523,
0.3204

 80.3638, 0.3044,
0.3299

 16.8177, 0.5935,
0.3223

 94.0595, 0.2928,
0.3298

■ 15.7525, 0.6231,
0.3253

■ 94.1144, 0.2923,
0.3289

■ 15.4081, 0.6342,
0.3268

Harmonies

Analogous

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



38.1643, 0.3489, 0.2900



38.1643, 0.3869, 0.3232



38.1643, 0.4033, 0.3596

Triad

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



38.1643, 0.3869, 0.3232



38.1643, 0.3175, 0.4043



38.1643, 0.2366, 0.2631

Complementary

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



38.1643, 0.3869, 0.3232



62.7906, 0.2675, 0.3351

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.



38.1643, 0.2298, 0.2881



38.1643, 0.3869, 0.3232



38.1643, 0.2744, 0.3728

Square

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



38.1643, 0.3869, 0.3232



38.1643, 0.3612, 0.4101



38.1643, 0.2430, 0.3282



38.1643, 0.2622, 0.2561

Rectangle

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



38.1643, 0.3869, 0.3232



38.1643, 0.3994, 0.3821



38.1643, 0.2430, 0.3282



38.1643, 0.2321, 0.2694

Sweetspot

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



38.1661, 0.3869, 0.3232



83.3564, 0.3293, 0.3274



40.3799, 0.3121, 0.2440



17.3802, 0.3320, 0.3271



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.



38.1661, 0.3869, 0.3232



45.6648, 0.4113, 0.3220



49.4923, 0.3792, 0.3677



13.0655, 0.3281, 0.3275



8.9553, 0.6325, 0.3258



0.5852, 0.6108, 0.3138

Inverse Universe

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



38.1661, 0.3869, 0.3232



45.6648, 0.4113, 0.3220



47.5161, 0.2593, 0.2865



13.0655, 0.3281, 0.3275



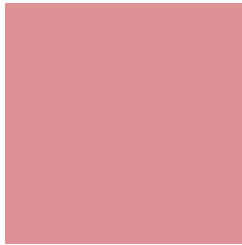
8.9553, 0.6325, 0.3258



0.5852, 0.6108, 0.3138

Previews

White Background



This preview shows how the Yxy color 38.1643, 0.3869, 0.3232 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 38.1643, 0.3869, 0.3232 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

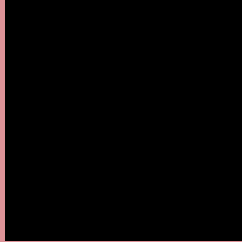
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 38.1643, 0.3869, 0.3232

Background



This preview shows how black text looks on a background with the Yxy color 38.1643, 0.3869, 0.3232.



This preview shows how white text looks on a background with the Yxy color 38.1643, 0.3869, 0.3232.

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

38.1643, 0.3869, 0.3232

Protanopia

38.5390, 0.3209, 0.3346

Deuteranopia

38.0985, 0.3526, 0.3453



Tritanopia

38.1807, 0.3828, 0.3160

Trichromacy



Original Color

38.1643, 0.3869, 0.3232

Protanomaly

38.0837, 0.3432, 0.3304

Deuteranomaly

38.0301, 0.3653, 0.3370

Tritanomaly

38.1135, 0.3850, 0.3184

Monochromacy



Original Color

38.1643, 0.3869, 0.3232

Achromatopsia

39.6755, 0.3127, 0.3290

Achromatomaly

38.7897, 0.3380, 0.3277

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.1643, 0.3869, 0.3232 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(221, 146, 151)` looks like.

```
.text, #text, p{  
    color:rgb(221, 146, 151)  
}
```

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(221, 146, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 146, 151) }
```

Border

The CSS property to change the border of an element to Yxy 38.1643, 0.3869, 0.3232 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(221, 146, 151) }
```

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

```
.border{ border-color:rgb(221, 146, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 146, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 146, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 146, 151);  
box-shadow:4px 4px 4px 4px rgb(221, 146,  
151) }
```


Background

The CSS property to change the background color of an element to Yxy 38.1643, 0.3869, 0.3232 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 146, 151) }
```

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

```
.background{ background-color: rgb(221,  
146, 151) }
```

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