

Converting Colors

$Y_{xy}(38.8077, 0.3622, 0.3130)$

Have a look what the booklet for
Yxy(38.8077, 0.3622, 0.3130)
contains.

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Color

Yxy(38.8106, 0.3623, 0.3131)

Conversions

Conversions Part 1

Format	Color
Hex	D497A4
RGB	212, 151, 164
RGB Percent	83%, 59%, 64%
CMY	0.1688, 0.4077, 0.3569
CMYK	0.00, 0.29, 0.23, 0.17
HSL	347°, 41%, 71%
HSV	347°, 29%, 83%
XYZ	44.9092, 38.8106, 40.2361
YIQ	170.7210, 32.1830, 16.9750

Conversions

Conversions Part 2

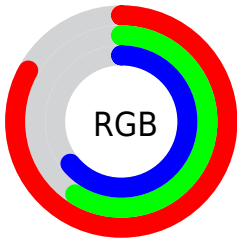
Format	Color
R_{YB}	212, 151, 164
Decimal	13932452
CIE _{Lab}	68.61, 24.72, 2.37
CIE _{LCh}	69, 24.834, 5.465
Yxy	38.8106, 0.3623, 0.3131
Android (android.graphics.Color)	4292122532 (0xFFD497A4)
YUV	170.7210, -3.3135, 36.2017
Hunter-Lab	62.2982, 19.6546, 5.3155

Details

The Yxy color **38.8106, 0.3623, 0.3131** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **57.7740, 0.2789, 0.3457**, and the grayscale version is **40.5823, 0.3127, 0.3290**.

A 20% lighter version of the original color is **70.5171, 0.3409, 0.3159**, and **17.1615, 0.3782, 0.3076** is the 20% darker color. If you saturate the color by 10%, you get **32.0270, 0.3876, 0.3074**, and if you desaturate by 10%, it is **46.9036, 0.3416, 0.3189**.

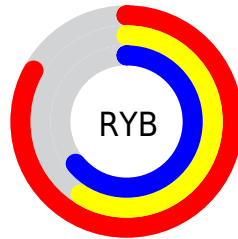
Distribution



Red (83%)

Green (59%)

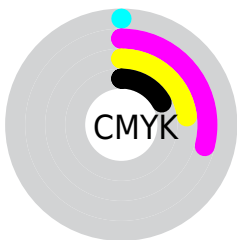
Blue (64%)



Red (83%)

Yellow (59%)

Blue (64%)

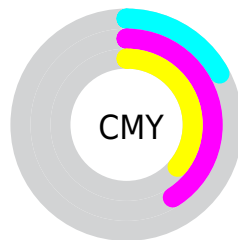


Cyan (0%)

Magenta (29%)

Yellow (23%)

Black (17%)



Cyan (17%)


Magenta (41%)


Yellow (36%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 38.8106, 0.3623, 0.3131 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 38.8106, 0.3623, 0.3131 by changing the saturation by 10% instead.


 38.8106, 0.3623,
0.3131


 38.8106, 0.3623,
0.3131


341.0846, 0.3367,
0.3215

 26.6124, 0.3690,
0.3109


 73.3489, 0.3528,
0.3162

 17.2824, 0.3777,
0.3079


 96.4578, 0.3493,
0.3174

 10.4360, 0.3897,
0.3038

123.9724, 0.3463,
0.3184

 5.6890, 0.4069,
0.2978

156.2771, 0.3438,
0.3192

 2.6569, 0.4339,
0.2882

193.7562, 0.3417,
0.3199

 0.9554, 0.4821,
0.2706

236.7943, 0.3398,


 0.0000, 1.0000,


0.3205


0.0000


285.7756, 0.3381,
0.3210

 0.0000, 0.0000,
0.0000


 38.8106, 0.3623,
0.3131


 38.8106, 0.3623,
0.3131


 32.0270, 0.3876,
0.3074


 46.9036, 0.3416,
0.3189


 26.4784, 0.4181,
0.3022


 56.3641, 0.3248,
0.3244


 22.0916, 0.4537,
0.2982

 67.2536, 0.3112,
0.3296

 18.7832, 0.4933,
0.2963

 79.6280, 0.3002,
0.3344

 16.4587, 0.5341,
0.2975

 92.2535, 0.2911,
0.3367

■ 15.0068, 0.5721,
0.3024

■ 92.7315, 0.2871,
0.3289

■ 14.2555, 0.6027,
0.3103

■ 14.1815, 0.6060,
0.3112

Harmonies

Analogous

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



38.8106, 0.3276, 0.2878



38.8106, 0.3623, 0.3131



38.8106, 0.3834, 0.3431

Triad

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



38.8106, 0.3623, 0.3131



38.8106, 0.3318, 0.3940



38.8106, 0.2457, 0.2818

Complementary

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



38.8106, 0.3623, 0.3131



57.7740, 0.2789, 0.3457

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.



38.8106, 0.2468, 0.3081



38.8106, 0.3623, 0.3131



38.8106, 0.2951, 0.3762

Square

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



38.8106, 0.3623, 0.3131



38.8106, 0.3647, 0.3913



38.8106, 0.2644, 0.3433



38.8106, 0.2612, 0.2695

Rectangle

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



38.8106, 0.3623, 0.3131



38.8106, 0.3863, 0.3627



38.8106, 0.2644, 0.3433



38.8106, 0.2442, 0.2891

Sweetspot

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



38.8124, 0.3623, 0.3131



85.1116, 0.3253, 0.3242



39.0021, 0.3040, 0.2553



17.7386, 0.3276, 0.3234



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.



38.8124, 0.3623, 0.3131



52.9525, 0.3759, 0.3099



44.3394, 0.3698, 0.3505



12.4636, 0.3258, 0.3241



8.7704, 0.6028, 0.3094



0.5414, 0.5540, 0.2826

Inverse Universe

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



38.8124, 0.3623, 0.3131



52.9525, 0.3759, 0.3099



50.2279, 0.2689, 0.3064



12.4636, 0.3258, 0.3241



8.7704, 0.6028, 0.3094



0.5414, 0.5540, 0.2826

Previews

White Background



This preview shows how the Yxy color 38.8106, 0.3623, 0.3131 looks on a white background.

Color Contrast Check

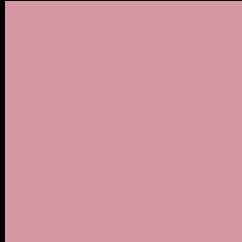
Large Text (above 18pt) WCAG AA × Fail

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 38.8106, 0.3623, 0.3131 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 38.8106, 0.3623, 0.3131

Background



This preview shows how black text looks on a background with the Yxy color 38.8106, 0.3623, 0.3131.



This preview shows how white text looks on a background with the Yxy color 38.8106, 0.3623, 0.3131.

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

38.8106, 0.3623, 0.3131

Protanopia

39.0896, 0.3095, 0.3207

Deuteranopia

38.8884, 0.3359, 0.3291



Tritanopia

38.7746, 0.3634, 0.3143

Trichromacy



Original Color

38.8106, 0.3623, 0.3131

Protanomaly

38.7063, 0.3276, 0.3170

Deuteranomaly

38.7002, 0.3446, 0.3225

Tritanomaly

38.7746, 0.3634, 0.3143

Monochromacy



Original Color

38.8106, 0.3623, 0.3131

Achromatopsia

40.7240, 0.3127, 0.3290

Achromatomaly

39.8172, 0.3300, 0.3237

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.8106, 0.3623, 0.3131 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(212, 151, 164)` looks like.

```
.text, #text, p{  
    color:rgb(212, 151, 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(212, 151, 164) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(212, 151, 164) }
```

Border

The CSS property to change the border of an element to Yxy 38.8106, 0.3623, 0.3131 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(212, 151, 164) }
```

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

```
.border{ border-color:rgb(212, 151, 164) }
```

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

Here you see how a box with a 4 pixel `rgb(212, 151, 164)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(212, 151, 164); -webkit-box-  
shadow:4px 4px 4px 4px rgb(212, 151, 164);  
box-shadow:4px 4px 4px 4px rgb(212, 151,  
164) }
```


Background

The CSS property to change the background color of an element to Yxy 38.8106, 0.3623, 0.3131 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(212, 151, 164) }
```

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

```
.background{ background-color: rgb(212,  
151, 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](#).

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