

Converting Colors

$Y_{xy}(38.7950, 0.3902, 0.3260)$

Have a look what the booklet for
Yxy(38.7950, 0.3902, 0.3260)
contains.

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Color

Yxy(38.7574, 0.3896, 0.3256)

Conversions

Conversions Part 1

Format	Color
Hex	DF9396
RGB	223, 147, 150
RGB Percent	87%, 58%, 59%
CMY	0.1254, 0.4236, 0.4117
CMYK	0.00, 0.34, 0.33, 0.13
HSL	358°, 54%, 73%
HSV	358°, 34%, 87%
XYZ	46.3756, 38.7574, 33.9008
YIQ	170.0660, 44.3330, 17.0450

Conversions

Conversions Part 2

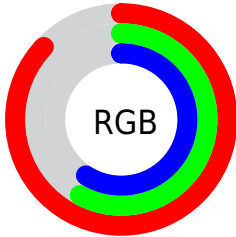
Format	Color
R _Y B	223, 147, 150
Decimal	14652310
CIE Lab	68.58, 29.08, 10.26
CIE LCh	69, 30.839, 19.442
Yxy	38.7574, 0.3896, 0.3256
Android (android.graphics.Color)	4292842390 (0xFFDF9396)
YUV	170.0660, -9.8925, 46.4231
Hunter-Lab	62.2554, 24.0219, 11.2928

Details

The Yxy color **38.7574, 0.3896, 0.3256** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **64.1537, 0.2662, 0.3326**, and the grayscale version is **40.2684, 0.3127, 0.3290**.

A 20% lighter version of the original color is **67.8607, 0.3531, 0.3271**, and **17.1923, 0.4147, 0.3230** is the 20% darker color. If you saturate the color by 10%, you get **31.8550, 0.4247, 0.3247**, and if you desaturate by 10%, it is **47.1340, 0.3608, 0.3266**.

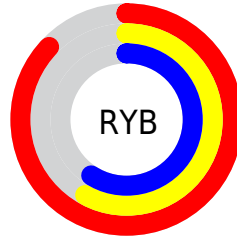
Distribution



Red (87%)

Green (58%)

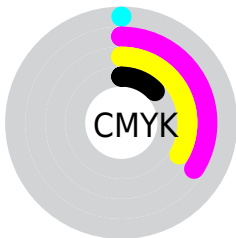
Blue (59%)



Red (87%)

Yellow (58%)

Blue (59%)

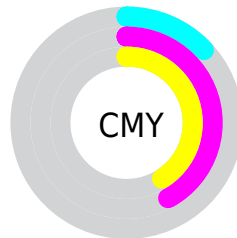


Cyan (0%)

Magenta (34%)

Yellow (33%)

Black (13%)



Cyan (13%)

Magenta (42%)

Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.7574, 0.3896, 0.3256 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 38.7574, 0.3896, 0.3256 by changing the saturation by 10% instead.


 38.7574, 0.3896,
0.3256


 38.7574, 0.3896,
0.3256


340.8580, 0.3496,
0.3283

 26.5711, 0.4001,
0.3246


 73.2676, 0.3747,
0.3268

 17.2513, 0.4137,
0.3231


 96.3602, 0.3692,
0.3272

 10.4138, 0.4324,
0.3207


123.8570, 0.3646,
0.3275

 5.6742, 0.4592,
0.3166

156.1424, 0.3607,
0.3277

 2.6480, 0.5007,
0.3086

193.6008, 0.3574,
0.3279

 0.9509, 0.5963,
0.3030

236.6166, 0.3544,

 0.0000, 1.0000,

0.3281

0.0000

285.5742, 0.3519,
0.3282

■ 0.0000, 0.0000,
0.0000

■ 38.7574, 0.3896,
0.3256

■ 38.7574, 0.3896,
0.3256

■ 31.8550, 0.4247,
0.3247

■ 47.1340, 0.3608,
0.3266

■ 26.3363, 0.4662,
0.3240

■ 57.0573, 0.3377,
0.3276

■ 22.1096, 0.5124,
0.3238

■ 68.6016, 0.3192,
0.3286

■ 19.0699, 0.5591,
0.3243

■ 81.8350, 0.3044,
0.3295

■ 17.0957, 0.5997,
0.3256

■ 94.4307, 0.2935,
0.3289

■ 16.0395, 0.6273,
0.3275

■ 15.7102, 0.6368,
0.3281

Harmonies

Analogous

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



38.7574, 0.3523, 0.2917



38.7574, 0.3896, 0.3256



38.7574, 0.4044, 0.3623

Triad

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



38.7574, 0.3896, 0.3256



38.7574, 0.3143, 0.4037



38.7574, 0.2371, 0.2614

Complementary

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



38.7574, 0.3896, 0.3256



64.1537, 0.2662, 0.3326

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.



38.7574, 0.2289, 0.2853



38.7574, 0.3896, 0.3256



38.7574, 0.2713, 0.3704

Square

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



38.7574, 0.3896, 0.3256



38.7574, 0.3589, 0.4113



38.7574, 0.2408, 0.3251



38.7574, 0.2641, 0.2556

Rectangle

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



38.7574, 0.3896, 0.3256



38.7574, 0.3992, 0.3847



38.7574, 0.2408, 0.3251



38.7574, 0.2321, 0.2673

Sweetspot

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



38.7593, 0.3896, 0.3256



83.3180, 0.3298, 0.3280



41.2880, 0.3132, 0.2438



17.3710, 0.3325, 0.3279



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.



38.7593, 0.3896, 0.3256



45.5703, 0.4143, 0.3249



50.9282, 0.3791, 0.3694



13.7093, 0.3286, 0.3281



9.2396, 0.6356, 0.3275



0.6436, 0.6229, 0.3205

Inverse Universe

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



38.7593, 0.3896, 0.3256



45.5703, 0.4143, 0.3249



47.8434, 0.2588, 0.2846



13.7093, 0.3286, 0.3281



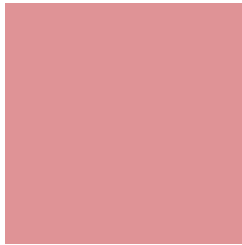
9.2396, 0.6356, 0.3275



0.6436, 0.6229, 0.3205

Previews

White Background



This preview shows how the Yxy color 38.7574, 0.3896, 0.3256 looks on a white background.

Color Contrast Check

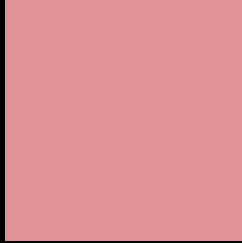
Large Text (above 18pt) WCAG AA × Fail

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 38.7574, 0.3896, 0.3256 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

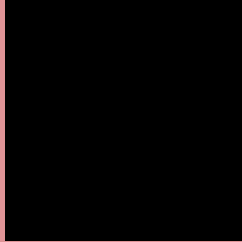
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 38.7574, 0.3896, 0.3256

Background



This preview shows how black text looks on a background with the Yxy color 38.7574, 0.3896, 0.3256.



This preview shows how white text looks on a background with the Yxy color 38.7574, 0.3896, 0.3256.

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

38.7574, 0.3896, 0.3256

Protanopia

38.9813, 0.3226, 0.3374

Deuteranopia

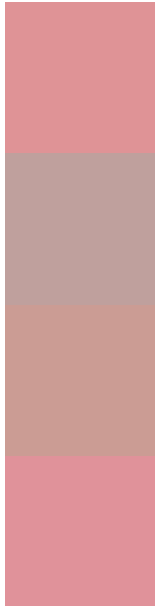
38.6727, 0.3553, 0.3479



Tritanopia

38.8394, 0.3834, 0.3161

Trichromacy



Original Color

38.7574, 0.3896, 0.3256

Protanomaly

38.6523, 0.3459, 0.3331

Deuteranomaly

38.6116, 0.3681, 0.3395

Tritanomaly

38.7382, 0.3867, 0.3197

Monochromacy



Original Color

38.7574, 0.3896, 0.3256

Achromatopsia

40.1978, 0.3127, 0.3290

Achromatomaly

39.3038, 0.3379, 0.3277

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.7574, 0.3896, 0.3256 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(223, 147, 150)` looks like.

```
.text, #text, p{  
    color:rgb(223, 147, 150)  
}
```

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(223, 147, 150) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 147, 150) }
```

Border

The CSS property to change the border of an element to Yxy 38.7574, 0.3896, 0.3256 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(223, 147, 150) }
```

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

```
.border{ border-color:rgb(223, 147, 150) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 147, 150)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 147, 150); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 147, 150);  
box-shadow:4px 4px 4px 4px rgb(223, 147,  
150) }
```


Background

The CSS property to change the background color of an element to Yxy 38.7574, 0.3896, 0.3256 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 147, 150) }
```

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

```
.background{ background-color: rgb(223,  
147, 150) }
```

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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