

Converting Colors

Yxy(38.9393, 0.3796, 0.3184)

Have a look what the booklet for
Yxy(38.9393, 0.3796, 0.3184)
contains.

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Color

Yxy(38.9863, 0.3797, 0.3184)

Conversions

Conversions Part 1

Format	Color
Hex	DD949D
RGB	221, 148, 157
RGB Percent	87%, 58%, 62%
CMY	0.1334, 0.4196, 0.3844
CMYK	0.00, 0.33, 0.29, 0.13
HSL	353°, 52%, 72%
HSV	353°, 33%, 87%
XYZ	46.4921, 38.9863, 36.9660
YIQ	170.8530, 40.6190, 18.2750

Conversions

Conversions Part 2

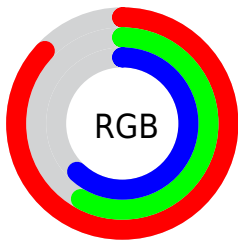
Format	Color
R _Y B	221, 148, 157
Decimal	14521501
CIE Lab	68.74, 28.69, 6.58
CIE LCh	69, 29.440, 12.922
Yxy	38.9863, 0.3797, 0.3184
Android (android.graphics.Color)	4292711581 (0xFFDD949D)
YUV	170.8530, -6.8295, 43.9789
Hunter-Lab	62.4390, 23.6430, 8.6057

Details

The Yxy color **38.9863, 0.3797, 0.3184** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **62.7613, 0.2708, 0.3402**, and the grayscale version is **40.6674, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.6750, 0.3475, 0.3209**, and **17.2989, 0.4002, 0.3134** is the 20% darker color. If you saturate the color by 10%, you get **32.0937, 0.4108, 0.3153**, and if you desaturate by 10%, it is **47.3111, 0.3542, 0.3217**.

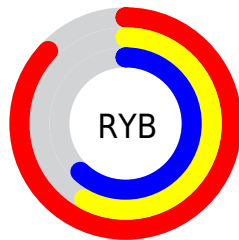
Distribution



Red (87%)

Green (58%)

Blue (62%)



Red (87%)

Yellow (58%)

Blue (62%)

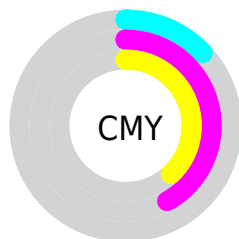


Cyan (0%)

Magenta (33%)

Yellow (29%)

Black (13%)



Cyan (13%)


Magenta (42%)

Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.9863, 0.3797, 0.3184 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 38.9863, 0.3797, 0.3184 by changing the saturation by 10% instead.


 38.9863, 0.3797,
0.3184


 38.9863, 0.3797,
0.3184

341.8322, 0.3450,
0.3244

 26.7491, 0.3888,
0.3166


 73.6174, 0.3668,
0.3208

 17.3849, 0.4006,
0.3143


 96.7800, 0.3620,
0.3216

 10.5093, 0.4168,
0.3108


124.3533, 0.3580,
0.3223

 5.7379, 0.4401,
0.3054

156.7215, 0.3546,
0.3229

 2.6864, 0.4764,
0.2962

194.2691, 0.3517,
0.3233

 0.9703, 0.5466,
0.2814

237.3805, 0.3492,

 0.0000, 1.0000,

0.3238

0.0000

286.4401, 0.3469,
0.3241

0.0000, 0.0000,
0.0000

38.9863, 0.3797,
0.3184

38.9863, 0.3797,
0.3184

32.0937, 0.4108,
0.3153

47.3111, 0.3542,
0.3217

26.5473, 0.4479,
0.3127

57.1366, 0.3336,
0.3250

22.2603, 0.4901,
0.3112

68.5338, 0.3171,
0.3281

19.1338, 0.5347,
0.3115

81.5675, 0.3037,
0.3310

17.0536, 0.5767,
0.3141

94.0403, 0.2929,
0.3301

■ 15.8827, 0.6101,
0.3189

■ 94.1113, 0.2923,
0.3289

■ 15.4512, 0.6264,
0.3225

Harmonies

Analogous

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



38.9863, 0.3411, 0.2872



38.9863, 0.3797, 0.3184



38.9863, 0.3992, 0.3536

Triad

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



38.9863, 0.3797, 0.3184



38.9863, 0.3240, 0.4037



38.9863, 0.2371, 0.2680

Complementary

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



38.9863, 0.3797, 0.3184



62.7613, 0.2708, 0.3402

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.



38.9863, 0.2334, 0.2947



38.9863, 0.3797, 0.3184



38.9863, 0.2816, 0.3768

Square

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



38.9863, 0.3797, 0.3184



38.9863, 0.3651, 0.4057



38.9863, 0.2490, 0.3349



38.9863, 0.2593, 0.2586

Rectangle

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



38.9863, 0.3797, 0.3184



38.9863, 0.3980, 0.3759



38.9863, 0.2490, 0.3349



38.9863, 0.2337, 0.2750

Sweetspot

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



38.9882, 0.3797, 0.3184



83.4381, 0.3284, 0.3259



40.2910, 0.3077, 0.2451



17.3998, 0.3308, 0.3255



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.



38.9882, 0.3797, 0.3184



46.7789, 0.4018, 0.3161



48.0807, 0.3788, 0.3610



13.0774, 0.3272, 0.3262



8.9853, 0.6239, 0.3211



0.5909, 0.5885, 0.3016

Inverse Universe

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



38.9882, 0.3797, 0.3184



46.7789, 0.4018, 0.3161



50.2047, 0.2616, 0.2944



13.0774, 0.3272, 0.3262



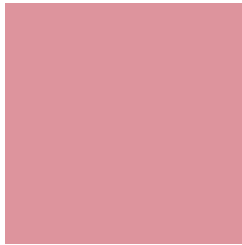
8.9853, 0.6239, 0.3211



0.5909, 0.5885, 0.3016

Previews

White Background



This preview shows how the Yxy color 38.9863, 0.3797, 0.3184 looks on a white background.

Color Contrast Check

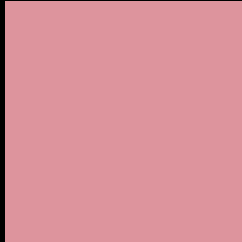
Large Text (above 18pt) WCAG AA × Fail

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 38.9863, 0.3797, 0.3184 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

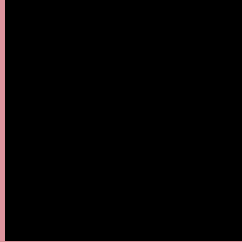
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 38.9863, 0.3797, 0.3184

Background



This preview shows how black text looks on a background with the Yxy color 38.9863, 0.3797, 0.3184.

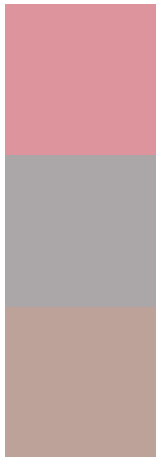


This preview shows how white text looks on a background with the Yxy color 38.9863, 0.3797, 0.3184.

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

38.9863, 0.3797, 0.3184

Protanopia

39.1225, 0.3155, 0.3276

Deuteranopia

38.9926, 0.3464, 0.3398



Tritanopia

39.0552, 0.3776, 0.3160

Trichromacy



Original Color

38.9863, 0.3797, 0.3184

Protanomaly

38.6408, 0.3373, 0.3237

Deuteranomaly

38.8980, 0.3587, 0.3317

Tritanomaly

39.0206, 0.3786, 0.3172

Monochromacy



Original Color

38.9863, 0.3797, 0.3184

Achromatopsia

40.7240, 0.3127, 0.3290

Achromatomaly

39.7664, 0.3349, 0.3251

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.9863, 0.3797, 0.3184 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, 148, 157)` looks like.

```
.text, #text, p{  
    color:rgb(221, 148, 157)  
}
```

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, 148, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 148, 157) }
```

Border

The CSS property to change the border of an element to Yxy 38.9863, 0.3797, 0.3184 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, 148, 157) }
```

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

```
.border{ border-color:rgb(221, 148, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(221, 148, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 148, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 148, 157);  
box-shadow:4px 4px 4px 4px rgb(221, 148,  
157) }
```


Background

The CSS property to change the background color of an element to Yxy 38.9863, 0.3797, 0.3184 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 148, 157) }
```

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

```
.background{ background-color: rgb(221,  
148, 157) }
```

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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