

Converting Colors

$Y_{xy}(40.4355, 0.3783, 0.3245)$

Have a look what the booklet for
Yxy(40.4355, 0.3783, 0.3245)
contains.

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Color

Yxy(40.5889, 0.3780, 0.3244)

Conversions

Conversions Part 1

Format	Color
Hex	DD999D
RGB	221, 153, 157
RGB Percent	87%, 60%, 62%
CMY	0.1333, 0.4000, 0.3843
CMYK	0.00, 0.31, 0.29, 0.13
HSL	356°, 50%, 73%
HSV	356°, 31%, 87%
XYZ	47.2953, 40.5889, 37.2357
YIQ	173.7880, 39.2440, 15.6600

Conversions

Conversions Part 2

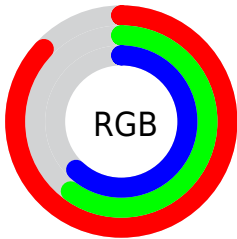
Format	Color
R _Y B	221, 153, 157
Decimal	14522781
CIE Lab	69.89, 26.01, 8.22
CIE LCh	70, 27.280, 17.537
Yxy	40.5889, 0.3780, 0.3244
Android (android.graphics.Color)	4292712861 (0xFFDD999D)
YUV	173.7880, -8.2765, 41.4049
Hunter-Lab	63.7094, 21.0198, 9.9439

Details

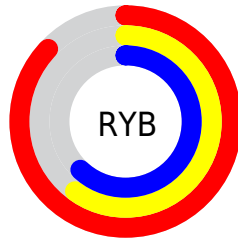
The Yxy color **40.5889, 0.3780, 0.3244** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **63.4969, 0.2709, 0.3338**, and the grayscale version is **42.2420, 0.3127, 0.3290**.

A 20% lighter version of the original color is **71.0749, 0.3466, 0.3260**, and **18.2405, 0.3975, 0.3213** is the 20% darker color. If you saturate the color by 10%, you get **33.3626, 0.4102, 0.3229**, and if you desaturate by 10%, it is **49.2798, 0.3518, 0.3260**.

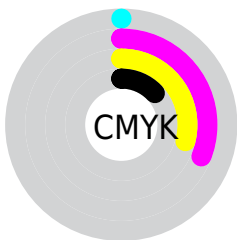
Distribution



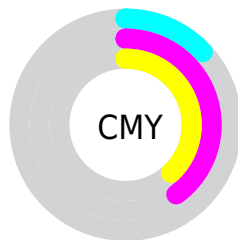
- Red (87%)
- Green (60%)
- Blue (62%)



- Red (87%)
- Yellow (60%)
- Blue (62%)



- Cyan (0%)
- Magenta (31%)
- Yellow (29%)
- Black (13%)





- Cyan (13%)
- Magenta (40%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.5889, 0.3780, 0.3244 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 40.5889, 0.3780, 0.3244 by changing the saturation by 10% instead.

 40.5889, 0.3780,
0.3244


 40.5889, 0.3780,
0.3244


348.5995, 0.3443,
0.3274

 27.9980, 0.3867,
0.3234


 76.0594, 0.3655,
0.3257

 18.3242, 0.3981,
0.3220


 99.7079, 0.3609,
0.3261

 11.1830, 0.4136,
0.3199


127.8109, 0.3570,
0.3264

 6.1900, 0.4357,
0.3164

160.7530, 0.3537,
0.3267

 2.9610, 0.4698,
0.3101

198.9185, 0.3509,
0.3269

 1.1114, 0.5340,
0.2996


242.6918, 0.3484,

 0.0000, 1.0000,

0.3271

0.0000


292.4574, 0.3463,
0.3273


 0.0000, 0.0000,
0.0000


 40.5889, 0.3780,
0.3244


 40.5889, 0.3780,
0.3244


 33.3626, 0.4102,
0.3229


 49.2798, 0.3518,
0.3260

 27.5149, 0.4488,
0.3217


 59.5036, 0.3307,
0.3275


 22.9597, 0.4929,
0.3211

 71.3313, 0.3139,
0.3289

 19.5991, 0.5396,
0.3213

 84.8277, 0.3003,
0.3302

 17.3211, 0.5832,
0.3226

 94.1123, 0.2923,
0.3289

■ 15.9922, 0.6167,
0.3251

■ 15.4013, 0.6351,
0.3272

Harmonies

Analogous

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



40.5889, 0.3449, 0.2946



40.5889, 0.3780, 0.3244



40.5889, 0.3924, 0.3569

Triad

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



40.5889, 0.3780, 0.3244



40.5889, 0.3171, 0.3945



40.5889, 0.2452, 0.2707

Complementary

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



40.5889, 0.3780, 0.3244



63.4969, 0.2709, 0.3338

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.



40.5889, 0.2391, 0.2931



40.5889, 0.3780, 0.3244



40.5889, 0.2789, 0.3671

Square

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



40.5889, 0.3780, 0.3244



40.5889, 0.3556, 0.4002



40.5889, 0.2509, 0.3285



40.5889, 0.2683, 0.2642

Rectangle

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



40.5889, 0.3780, 0.3244



40.5889, 0.3891, 0.3766



40.5889, 0.2509, 0.3285



40.5889, 0.2412, 0.2764

Sweetspot

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



40.5908, 0.3780, 0.3244



84.9072, 0.3276, 0.3277



42.6753, 0.3122, 0.2519



17.6887, 0.3303, 0.3275



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.



40.5908, 0.3780, 0.3244



49.3874, 0.3983, 0.3234



51.3214, 0.3716, 0.3640



13.0638, 0.3282, 0.3277



8.9522, 0.6334, 0.3263



0.5844, 0.6141, 0.3156

Inverse Universe

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



40.5908, 0.3780, 0.3244



49.3874, 0.3983, 0.3234



49.4895, 0.2643, 0.2911



13.0638, 0.3282, 0.3277



8.9522, 0.6334, 0.3263



0.5844, 0.6141, 0.3156

Previews

White Background



This preview shows how the Yxy color 40.5889, 0.3780, 0.3244 looks on a white background.

Color Contrast Check

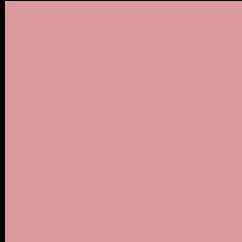
Large Text (above 18pt) WCAG AA × Fail

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 40.5889, 0.3780, 0.3244 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

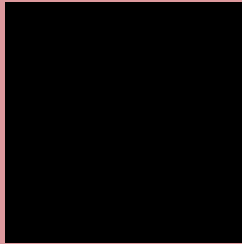
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 40.5889, 0.3780, 0.3244

Background



This preview shows how black text looks on a background with the Yxy color 40.5889, 0.3780, 0.3244.



This preview shows how white text looks on a background with the Yxy color 40.5889, 0.3780, 0.3244.

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

40.5889, 0.3780, 0.3244

Protanopia

40.6166, 0.3207, 0.3345

Deuteranopia

40.7462, 0.3496, 0.3423



Tritanopia

40.6664, 0.3720, 0.3149

Trichromacy



Original Color

40.5889, 0.3780, 0.3244

Protanomaly

40.4017, 0.3404, 0.3304

Deuteranomaly

40.7274, 0.3596, 0.3355

Tritanomaly

40.5593, 0.3752, 0.3184

Monochromacy



Original Color

40.5889, 0.3780, 0.3244

Achromatopsia

42.3268, 0.3127, 0.3290

Achromatomaly

41.1760, 0.3345, 0.3264

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.5889, 0.3780, 0.3244 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, 153, 157)` looks like.

```
.text, #text, p{  
    color:rgb(221, 153, 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, 153, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(221, 153, 157) }
```

Border

The CSS property to change the border of an element to Yxy 40.5889, 0.3780, 0.3244 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, 153, 157) }
```

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

```
.border{ border-color:rgb(221, 153, 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, 153, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(221, 153, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(221, 153, 157);  
box-shadow:4px 4px 4px 4px rgb(221, 153,  
157) }
```


Background

The CSS property to change the background color of an element to Yxy 40.5889, 0.3780, 0.3244 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(221, 153, 157) }
```

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

```
.background{ background-color: rgb(221,  
153, 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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