

Converting Colors

$Yxy(40.1179, 0.3849, 0.3269)$

Have a look what the booklet for
Yxy(40.1179, 0.3849, 0.3269)
contains.

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Color

Yxy(40.1211, 0.3849, 0.3268)

Conversions

Conversions Part 1

Format	Color
Hex	DF9799
RGB	223, 151, 153
RGB Percent	87%, 59%, 60%
CMY	0.1254, 0.4079, 0.4000
CMYK	0.00, 0.32, 0.31, 0.13
HSL	358°, 53%, 73%
HSV	358°, 32%, 87%
XYZ	47.2540, 40.1211, 35.3945
YIQ	172.7560, 42.2700, 15.8860

Conversions

Conversions Part 2

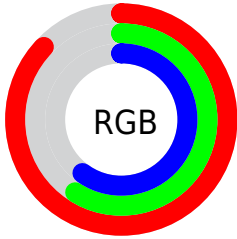
Format	Color
R_{YB}	223, 151, 153
Decimal	14653337
CIE _{Lab}	69.56, 27.32, 9.99
CIE _{LCh}	70, 29.094, 20.089
Yxy	40.1211, 0.3849, 0.3268
Android (android.graphics.Color)	4292843417 (0xFFDF9799)
YUV	172.7560, -9.7397, 44.0640
Hunter-Lab	63.3412, 22.3180, 11.2082

Details

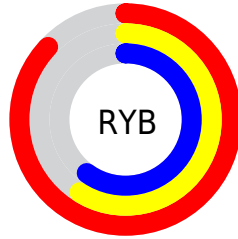
The Yxy color $40.1211, 0.3849, 0.3268$ is a light color, and the websafe version is hex $CC9999$. A complement of this color would be $64.5880, 0.2678, 0.3314$, and the grayscale version is $41.6943, 0.3127, 0.3290$.

A 20% lighter version of the original color is $69.9076, 0.3500, 0.3281$, and $17.9900, 0.4075, 0.3246$ is the 20% darker color. If you saturate the color by 10%, you get $32.9587, 0.4193, 0.3262$, and if you desaturate by 10%, it is $48.7753, 0.3569, 0.3275$.

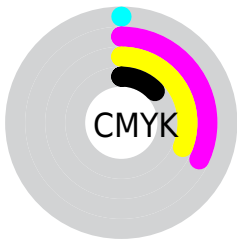
Distribution



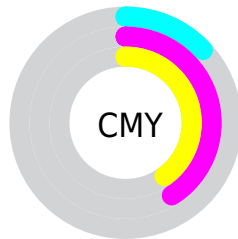
- Red (87%)
- Green (59%)
- Blue (60%)



- Red (87%)
- Yellow (59%)
- Blue (60%)



- Cyan (0%)
- Magenta (32%)
- Yellow (31%)
- Black (13%)





- Cyan (13%)
- Magenta (41%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.1211, 0.3849, 0.3268 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 40.1211, 0.3849, 0.3268 by changing the saturation by 10% instead.


 40.1211, 0.3849,
0.3268


 40.1211, 0.3849,
0.3268


346.6337, 0.3476,
0.3288

 27.6330, 0.3946,
0.3260


 75.3479, 0.3711,
0.3277

 18.0492, 0.4072,
0.3248


 98.8553, 0.3659,
0.3280

 10.9853, 0.4244,
0.3229


126.8047, 0.3616,
0.3282

 6.0570, 0.4490,
0.3196

159.5803, 0.3580,
0.3284

 2.8797, 0.4869,
0.3132

197.5667, 0.3548,
0.3285

 1.0693, 0.5648,
0.3057

241.1481, 0.3521,


 0.0000, 1.0000,


0.3286


0.0000

290.7090, 0.3497,
0.3287


 0.0000, 0.0000,
0.0000

 40.1211, 0.3849,
0.3268


 40.1211, 0.3849,
0.3268

 32.9587, 0.4193,
0.3262


 48.7753, 0.3569,
0.3275


 27.1984, 0.4602,
0.3257

 58.9927, 0.3343,
0.3282


 22.7500, 0.5062,
0.3256

 70.8472, 0.3163,
0.3289

 19.5105, 0.5535,
0.3259

 84.4062, 0.3019,
0.3295

 17.3612, 0.5956,
0.3267

 94.4319, 0.2935,
0.3289

■ 16.1600, 0.6252,
0.3281

■ 15.7056, 0.6377,
0.3287

Harmonies

Analogous

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



40.1211, 0.3506, 0.2947



40.1211, 0.3849, 0.3268



40.1211, 0.3982, 0.3613

Triad

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



40.1211, 0.3849, 0.3268



40.1211, 0.3135, 0.3978



40.1211, 0.2422, 0.2655

Complementary

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



40.1211, 0.3849, 0.3268



64.5880, 0.2678, 0.3314

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.



40.1211, 0.2341, 0.2878



40.1211, 0.3849, 0.3268



40.1211, 0.2734, 0.3667

Square

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



40.1211, 0.3849, 0.3268



40.1211, 0.3552, 0.4058



40.1211, 0.2450, 0.3247



40.1211, 0.2680, 0.2602

Rectangle

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



40.1211, 0.3849, 0.3268



40.1211, 0.3932, 0.3820



40.1211, 0.2450, 0.3247



40.1211, 0.2374, 0.2710

Sweetspot

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



40.1230, 0.3849, 0.3268



83.3009, 0.3300, 0.3283



42.7731, 0.3143, 0.2485



17.3669, 0.3327, 0.3282



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.



40.1230, 0.3849, 0.3268



47.3664, 0.4083, 0.3264



52.4600, 0.3744, 0.3685



13.7067, 0.3288, 0.3284



9.2351, 0.6369, 0.3282



0.6423, 0.6279, 0.3232

Inverse Universe

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



40.1230, 0.3849, 0.3268



47.3664, 0.4083, 0.3264



48.4794, 0.2615, 0.2857



13.7067, 0.3288, 0.3284



9.2351, 0.6369, 0.3282



0.6423, 0.6279, 0.3232

Previews

White Background



This preview shows how the Yxy color 40.1211, 0.3849, 0.3268 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 40.1211, 0.3849, 0.3268 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 40.1211, 0.3849, 0.3268

Background



This preview shows how black text looks on a background with the Yxy color 40.1211, 0.3849, 0.3268.



This preview shows how white text looks on a background with the Yxy color 40.1211, 0.3849, 0.3268.

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

40.1211, 0.3849, 0.3268

Protanopia

40.5078, 0.3233, 0.3387

Deuteranopia

40.2546, 0.3536, 0.3463



Tritanopia

40.2332, 0.3778, 0.3161

Trichromacy



Original Color

40.1211, 0.3849, 0.3268

Protanomaly

39.9041, 0.3444, 0.3344

Deuteranomaly

40.0424, 0.3651, 0.3381

Tritanomaly

40.1286, 0.3810, 0.3197

Monochromacy



Original Color

40.1211, 0.3849, 0.3268

Achromatopsia

41.7885, 0.3127, 0.3290

Achromatomaly

40.7398, 0.3365, 0.3278

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.1211, 0.3849, 0.3268 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, 151, 153)` looks like.

```
.text, #text, p{  
    color:rgb(223, 151, 153)  
}
```

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, 151, 153) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 151, 153) }
```

Border

The CSS property to change the border of an element to Yxy 40.1211, 0.3849, 0.3268 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, 151, 153) }
```

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

```
.border{ border-color:rgb(223, 151, 153) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 151, 153)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 151, 153); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 151, 153);  
box-shadow:4px 4px 4px 4px rgb(223, 151,  
153) }
```


Background

The CSS property to change the background color of an element to Yxy 40.1211, 0.3849, 0.3268 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 151, 153) }
```

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

```
.background{ background-color: rgb(223,  
151, 153) }
```

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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