

Converting Colors

$Yxy(39.9841, 0.3797, 0.3193)$

Have a look what the booklet for
Yxy(39.9841, 0.3797, 0.3193)
contains.

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Color

Yxy(39.9693, 0.3800, 0.3197)

Conversions

Conversions Part 1

Format	Color
Hex	DF969E
RGB	223, 150, 158
RGB Percent	87%, 59%, 62%
CMY	0.1255, 0.4117, 0.3805
CMYK	0.00, 0.33, 0.29, 0.13
HSL	353°, 53%, 73%
HSV	353°, 33%, 87%
XYZ	47.5081, 39.9693, 37.5439
YIQ	172.7390, 40.9400, 17.9640

Conversions

Conversions Part 2

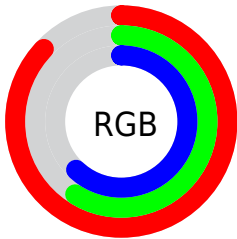
Format	Color
R _Y B	223, 150, 158
Decimal	14653086
CIE Lab	69.45, 28.50, 7.08
CIE LCh	69, 29.364, 13.948
Yxy	39.9693, 0.3800, 0.3197
Android (android.graphics.Color)	4292843166 (0xFFDF969E)
YUV	172.7390, -7.2663, 44.0789
Hunter-Lab	63.2213, 23.4979, 9.0456

Details

The Yxy color **39.9693, 0.3800, 0.3197** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **64.1711, 0.2705, 0.3388**, and the grayscale version is **41.6718, 0.3127, 0.3290**.

A 20% lighter version of the original color is **69.7267, 0.3456, 0.3209**, and **17.9039, 0.4004, 0.3151** is the 20% darker color. If you saturate the color by 10%, you get **32.8885, 0.4115, 0.3169**, and if you desaturate by 10%, it is **48.5188, 0.3542, 0.3227**.

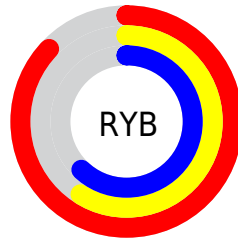
Distribution



Red (87%)

Green (59%)

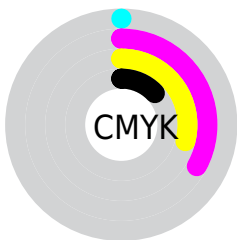
Blue (62%)



Red (87%)

Yellow (59%)

Blue (62%)

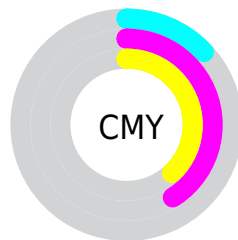


Cyan (0%)

Magenta (33%)

Yellow (29%)

Black (13%)



Cyan (13%)


Magenta (41%)


Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.9693, 0.3800, 0.3197 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 39.9693, 0.3800, 0.3197 by changing the saturation by 10% instead.


 39.9693, 0.3800,
0.3197


 39.9693, 0.3800,
0.3197


345.9942, 0.3452,
0.3251

 27.5146, 0.3890,
0.3181


 75.1168, 0.3671,
0.3218

 17.9601, 0.4008,
0.3159


 98.5783, 0.3623,
0.3226

 10.9213, 0.4168,
0.3128


126.4776, 0.3584,
0.3232

 6.0140, 0.4398,
0.3079

159.1991, 0.3549,
0.3237

 2.8536, 0.4753,
0.2994

197.1271, 0.3520,
0.3241

 1.0558, 0.5414,
0.2849

240.6460, 0.3495,


 0.0000, 1.0000,

0.3245


0.0000


290.1402, 0.3472,
0.3248


 0.0000, 0.0000,
0.0000


 39.9693, 0.3800,
0.3197


 39.9693, 0.3800,
0.3197

 32.8885, 0.4115,
0.3169


 48.5188, 0.3542,
0.3227


 27.1883, 0.4491,
0.3146


 58.6071, 0.3334,
0.3256


 22.7801, 0.4919,
0.3134

 70.3069, 0.3167,
0.3283

 19.5626, 0.5370,
0.3137

 83.6844, 0.3032,
0.3308

 17.4193, 0.5793,
0.3161

 94.4287, 0.2935,
0.3289

■ 16.2103, 0.6125,
0.3204

■ 15.7560, 0.6288,
0.3237

Harmonies

Analogous

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



39.9693, 0.3423, 0.2886



39.9693, 0.3800, 0.3197



39.9693, 0.3984, 0.3546

Triad

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



39.9693, 0.3800, 0.3197



39.9693, 0.3224, 0.4024



39.9693, 0.2383, 0.2680

Complementary

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



39.9693, 0.3800, 0.3197



64.1711, 0.2705, 0.3388

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.



39.9693, 0.2340, 0.2939



39.9693, 0.3800, 0.3197



39.9693, 0.2806, 0.3750

Square

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



39.9693, 0.3800, 0.3197



39.9693, 0.3633, 0.4052



39.9693, 0.2488, 0.3333



39.9693, 0.2609, 0.2593

Rectangle

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



39.9693, 0.3800, 0.3197



39.9693, 0.3967, 0.3765



39.9693, 0.2488, 0.3333



39.9693, 0.2347, 0.2748

Sweetspot

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



39.9712, 0.3800, 0.3197



83.4179, 0.3286, 0.3263



41.5126, 0.3088, 0.2461



17.3950, 0.3311, 0.3259



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.



39.9712, 0.3800, 0.3197



47.6539, 0.4000, 0.3178



49.7276, 0.3777, 0.3622



13.7247, 0.3275, 0.3265



9.2719, 0.6265, 0.3225



0.6510, 0.5957, 0.3055

Inverse Universe

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



39.9712, 0.3800, 0.3197



47.6539, 0.4000, 0.3178



50.8529, 0.2618, 0.2931



13.7247, 0.3275, 0.3265



9.2719, 0.6265, 0.3225



0.6510, 0.5957, 0.3055

Previews

White Background



This preview shows how the Yxy color 39.9693, 0.3800, 0.3197 looks on a white background.

Color Contrast Check

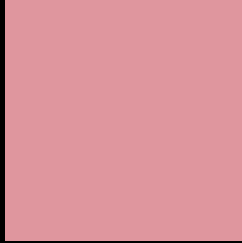
Large Text (above 18pt) WCAG AA × Fail

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 39.9693, 0.3800, 0.3197 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

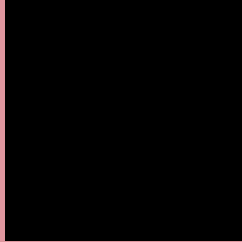
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.9693, 0.3800, 0.3197

Background



This preview shows how black text looks on a background with the Yxy color 39.9693, 0.3800, 0.3197.



This preview shows how white text looks on a background with the Yxy color 39.9693, 0.3800, 0.3197.

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

39.9693, 0.3800, 0.3197

Protanopia

40.1247, 0.3164, 0.3290

Deuteranopia

40.1239, 0.3479, 0.3410



Tritanopia

40.0739, 0.3768, 0.3161

Trichromacy



Original Color

39.9693, 0.3800, 0.3197

Protanomaly

39.6336, 0.3379, 0.3251

Deuteranomaly

39.8931, 0.3591, 0.3330

Tritanomaly

40.0387, 0.3779, 0.3173

Monochromacy



Original Color

39.9693, 0.3800, 0.3197

Achromatopsia

41.7885, 0.3127, 0.3290

Achromatomaly

40.8138, 0.3346, 0.3251

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.9693, 0.3800, 0.3197 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, 150, 158)` looks like.

```
.text, #text, p{  
    color:rgb(223, 150, 158)  
}
```

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, 150, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 150, 158) }
```

Border

The CSS property to change the border of an element to Yxy 39.9693, 0.3800, 0.3197 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, 150, 158) }
```

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

```
.border{ border-color:rgb(223, 150, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 150, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 150, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 150, 158);  
box-shadow:4px 4px 4px 4px rgb(223, 150,  
158) }
```


Background

The CSS property to change the background color of an element to Yxy 39.9693, 0.3800, 0.3197 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 150, 158) }
```

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

```
.background{ background-color: rgb(223,  
150, 158) }
```

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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