

Converting Colors

$Yxy(39.0705, 0.3890, 0.3333)$

Have a look what the booklet for
Yxy(39.0705, 0.3890, 0.3333)
contains.

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Color

Yxy(39.1349, 0.3886, 0.3329)

Conversions

Conversions Part 1

Format	Color
Hex	DC9693
RGB	220, 150, 147
RGB Percent	86%, 59%, 58%
CMY	0.1373, 0.4117, 0.4236
CMYK	0.00, 0.32, 0.33, 0.14
HSL	2°, 51%, 72%
HSV	2°, 33%, 86%
XYZ	45.6829, 39.1349, 32.7398
YIQ	170.5880, 42.6830, 13.9070

Conversions

Conversions Part 2

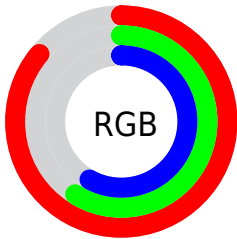
Format	Color
R _Y B	220, 150, 147
Decimal	14456467
CIE Lab	68.85, 25.93, 12.30
CIE LCh	69, 28.702, 25.381
Yxy	39.1349, 0.3886, 0.3329
Android (android.graphics.Color)	4292646547 (0xFFDC9693)
YUV	170.5880, -11.6289, 43.3343
Hunter-Lab	62.5579, 20.8732, 12.7610

Details

The Yxy color **39.1349, 0.3886, 0.3329** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **60.9647, 0.2652, 0.3251**, and the grayscale version is **40.5510, 0.3127, 0.3290**.

A 20% lighter version of the original color is **69.1397, 0.3548, 0.3332**, and **17.3664, 0.4132, 0.3325** is the 20% darker color. If you saturate the color by 10%, you get **32.3762, 0.4236, 0.3341**, and if you desaturate by 10%, it is **47.2399, 0.3598, 0.3317**.

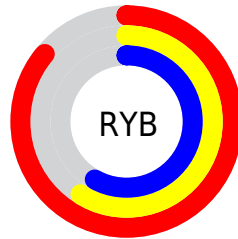
Distribution



Red (86%)

Green (59%)

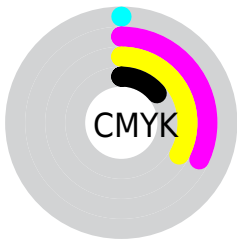
Blue (58%)



Red (86%)

Yellow (59%)

Blue (58%)

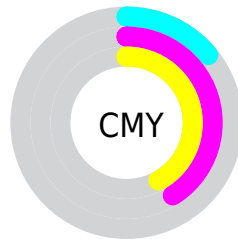


Cyan (0%)

Magenta (32%)

Yellow (33%)

Black (14%)



Cyan (14%)


Magenta (41%)


Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.1349, 0.3886, 0.3329 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 39.1349, 0.3886, 0.3329 by changing the saturation by 10% instead.


 39.1349, 0.3886,
0.3329


 39.1349, 0.3886,
0.3329


342.4637, 0.3492,
0.3319

 26.8647, 0.3989,
0.3328


 73.8444, 0.3739,
0.3328

 17.4716, 0.4124,
0.3325


 97.0524, 0.3685,
0.3327

 10.5713, 0.4307,
0.3316


124.6751, 0.3640,
0.3325

 5.7794, 0.4570,
0.3296

157.0970, 0.3601,
0.3324

 2.7114, 0.4976,
0.3247

194.7024, 0.3568,
0.3323

 0.9830, 0.6008,
0.3299


237.8757, 0.3539,


 0.0000, 1.0000,

0.3321

0.0000


287.0014, 0.3514,
0.3320

 0.0000, 0.0000,
0.0000

 39.1349, 0.3886,
0.3329

 39.1349, 0.3886,
0.3329

 32.3762, 0.4236,
0.3341

 47.2399, 0.3598,
0.3317

 26.8857, 0.4649,
0.3351


 56.7525, 0.3366,
0.3305


 22.5858, 0.5109,
0.3356

 67.7372, 0.3179,
0.3293

 19.3885, 0.5576,
0.3355

 80.2527, 0.3028,
0.3283

 17.1932, 0.5985,
0.3345

 93.9532, 0.2917,
0.3289

■ 15.8813, 0.6267,
0.3327

■ 15.4119, 0.6376,
0.3319

Harmonies

Analogous

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



39.1349, 0.3575, 0.3001



39.1349, 0.3886, 0.3329



39.1349, 0.3975, 0.3669

Triad

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



39.1349, 0.3886, 0.3329



39.1349, 0.3061, 0.3934



39.1349, 0.2458, 0.2636

Complementary

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



39.1349, 0.3886, 0.3329



60.9647, 0.2652, 0.3251

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.



39.1349, 0.2345, 0.2829



39.1349, 0.3886, 0.3329



39.1349, 0.2675, 0.3594

Square

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



39.1349, 0.3886, 0.3329



39.1349, 0.3481, 0.4058



39.1349, 0.2420, 0.3175



39.1349, 0.2743, 0.2614

Rectangle

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



39.1349, 0.3886, 0.3329



39.1349, 0.3897, 0.3865



39.1349, 0.2420, 0.3175



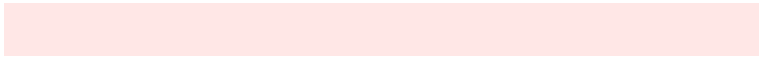
39.1349, 0.2400, 0.2682

Sweetspot

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



39.1368, 0.3886, 0.3329



83.8518, 0.3303, 0.3301



41.1118, 0.3187, 0.2494



17.4987, 0.3331, 0.3303



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.



39.1368, 0.3886, 0.3329



47.7572, 0.4130, 0.3338



52.4006, 0.3746, 0.3752



13.1379, 0.3291, 0.3300



9.0866, 0.6368, 0.3326



0.6200, 0.6272, 0.3402

Inverse Universe

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



60.9647, 0.2652, 0.3251



82.8330, 0.2567, 0.3241



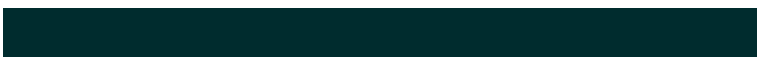
44.4341, 0.2592, 0.2777



14.7317, 0.2982, 0.3280



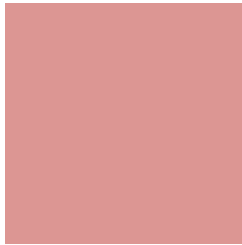
30.3712, 0.2211, 0.3160



1.9970, 0.2217, 0.3182

Previews

White Background



This preview shows how the Yxy color 39.1349, 0.3886, 0.3329 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 39.1349, 0.3886, 0.3329 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

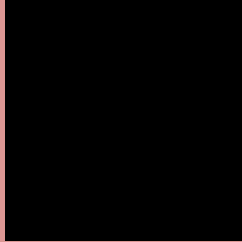
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.1349, 0.3886, 0.3329

Background



This preview shows how black text looks on a background with the Yxy color 39.1349, 0.3886, 0.3329.



This preview shows how white text looks on a background with the Yxy color 39.1349, 0.3886, 0.3329.

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

39.1349, 0.3886, 0.3329

Protanopia

39.4042, 0.3287, 0.3458

Deuteranopia

39.2225, 0.3590, 0.3518



Tritanopia

39.0552, 0.3776, 0.3160

Trichromacy



Original Color

39.1349, 0.3886, 0.3329

Protanomaly

38.8660, 0.3495, 0.3398

Deuteranomaly

39.2256, 0.3694, 0.3446

Tritanomaly

39.2336, 0.3815, 0.3220

Monochromacy



Original Color

39.1349, 0.3886, 0.3329

Achromatopsia

40.7240, 0.3127, 0.3290

Achromatomaly

39.6218, 0.3386, 0.3304

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.1349, 0.3886, 0.3329 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(220, 150, 147)` looks like.

```
.text, #text, p{  
    color:rgb(220, 150, 147)  
}
```

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(220, 150, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(220, 150, 147) }
```

Border

The CSS property to change the border of an element to Yxy 39.1349, 0.3886, 0.3329 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(220, 150, 147) }
```

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

```
.border{ border-color:rgb(220, 150, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(220, 150, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(220, 150, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(220, 150, 147);  
box-shadow:4px 4px 4px 4px rgb(220, 150,  
147) }
```


Background

The CSS property to change the background color of an element to Yxy 39.1349, 0.3886, 0.3329 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(220, 150, 147) }
```

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

```
.background{ background-color: rgb(220,  
150, 147) }
```

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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