

Converting Colors

$Yxy(39.6485, 0.3741, 0.3380)$

Have a look what the booklet for
Yxy(39.6485, 0.3741, 0.3380)
contains.

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Color

Yxy(39.6485, 0.3741, 0.3380)

Conversions

Conversions Part 1

Format	Color
Hex	D29C95
RGB	210, 156, 149
RGB Percent	82%, 61%, 58%
CMY	0.1766, 0.3881, 0.4157
CMYK	0.00, 0.26, 0.29, 0.18
HSL	7°, 40%, 70%
HSV	7°, 29%, 82%
XYZ	43.8831, 39.6485, 33.7716
YIQ	171.3480, 34.4310, 9.2710

Conversions

Conversions Part 2

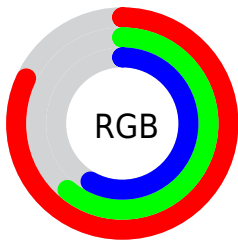
Format	Color
R _Y B	210, 157, 149
Decimal	13802645
CIE Lab	69.22, 19.13, 11.55
CIE LCh	69, 22.341, 31.120
Yxy	39.6485, 0.3741, 0.3380
Android (android.graphics.Color)	4291992725 (0xFFD29C95)
YUV	171.3480, -11.0176, 33.8978
Hunter-Lab	62.9671, 14.2083, 12.2775

Details

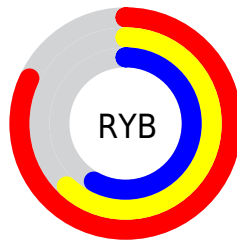
The Yxy color **39.6485, 0.3741, 0.3380** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **53.7216, 0.2700, 0.3198**, and the grayscale version is **40.9523, 0.3127, 0.3290**.

A 20% lighter version of the original color is **72.1603, 0.3520, 0.3373**, and **17.6525, 0.3937, 0.3394** is the 20% darker color. If you saturate the color by 10%, you get **33.2730, 0.4048, 0.3412**, and if you desaturate by 10%, it is **47.1020, 0.3488, 0.3348**.

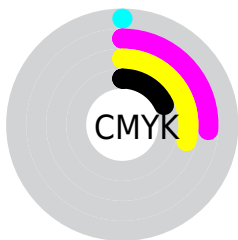
Distribution



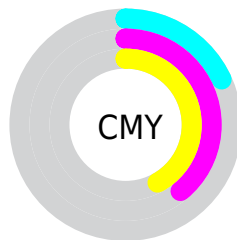
- Red (82%)
- Green (61%)
- Blue (58%)



- Red (82%)
- Yellow (62%)
- Blue (58%)



- Cyan (0%)
- Magenta (26%)
- Yellow (29%)
- Black (18%)




- Cyan (18%)
- Magenta (39%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.6485, 0.3741, 0.3380 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 39.6485, 0.3741, 0.3380 by changing the saturation by 10% instead.


 39.6485, 0.3741,
0.3380


 39.6485, 0.3741,
0.3380


344.6398, 0.3423,
0.3341

 27.2646, 0.3824,
0.3388


 74.6280, 0.3623,
0.3367

 17.7720, 0.3932,
0.3396


 97.9923, 0.3579,
0.3362

 10.7864, 0.4080,
0.3405


125.7856, 0.3543,
0.3357

 5.9234, 0.4293,
0.3411

158.3922, 0.3511,
0.3353

 2.7986, 0.4623,
0.3407

196.1965, 0.3485,
0.3350

 1.0275, 0.5440,
0.3519

239.5830, 0.3461,


 0.0000, 1.0000,


0.3346


0.0000


288.9359, 0.3441,
0.3344


 0.0000, 0.0000,
0.0000


 39.6485, 0.3741,
0.3380


 39.6485, 0.3741,
0.3380


 33.2730, 0.4048,
0.3412


 47.1020, 0.3488,
0.3348


 27.9204, 0.4413,
0.3441


 55.6745, 0.3281,
0.3316


 23.5389, 0.4829,
0.3462

 65.4114, 0.3112,
0.3287

 20.0699, 0.5275,
0.3469

 76.3542, 0.2975,
0.3261

 17.4487, 0.5706,
0.3456

 88.5422, 0.2862,
0.3237

■ 15.6017, 0.6061,
0.3421

■ 92.4360, 0.2860,
0.3289

■ 14.4388, 0.6295,
0.3373

■ 14.3575, 0.6313,
0.3370

Harmonies

Analogous

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



39.6485, 0.3530, 0.3112



39.6485, 0.3741, 0.3380



39.6485, 0.3775, 0.3642

Triad

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



39.6485, 0.3741, 0.3380



39.6485, 0.3018, 0.3742



39.6485, 0.2636, 0.2763

Complementary

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



39.6485, 0.3741, 0.3380



53.7216, 0.2700, 0.3198

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.



39.6485, 0.2517, 0.2896



39.6485, 0.3741, 0.3380



39.6485, 0.2728, 0.3465

Square

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



39.6485, 0.3741, 0.3380



39.6485, 0.3347, 0.3876



39.6485, 0.2549, 0.3149



39.6485, 0.2885, 0.2766

Rectangle

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



39.6485, 0.3741, 0.3380



39.6485, 0.3695, 0.3780



39.6485, 0.2549, 0.3149



39.6485, 0.2580, 0.2793

Sweetspot

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



39.6504, 0.3741, 0.3380



86.3313, 0.3282, 0.3317



39.5428, 0.3216, 0.2638



18.0358, 0.3310, 0.3321



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.



39.6504, 0.3741, 0.3380



55.0691, 0.3930, 0.3401



50.8050, 0.3640, 0.3738



12.0245, 0.3288, 0.3317



8.8371, 0.6297, 0.3382



0.5694, 0.6036, 0.3589

Inverse Universe

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



53.7216, 0.2700, 0.3198



80.4315, 0.2616, 0.3175



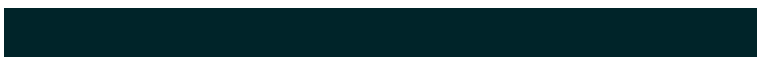
41.0744, 0.2657, 0.2795



13.1647, 0.2983, 0.3262



24.3023, 0.2146, 0.2925



1.4264, 0.2166, 0.2998

Previews

White Background



This preview shows how the Yxy color 39.6485, 0.3741, 0.3380 looks on a white background.

Color Contrast Check

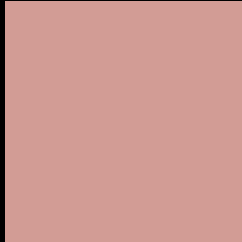
Large Text (above 18pt) WCAG AA × Fail

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 39.6485, 0.3741, 0.3380 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

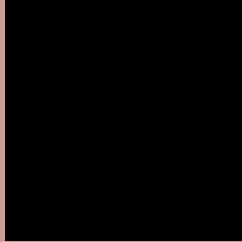
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.6485, 0.3741, 0.3380

Background



This preview shows how black text looks on a background with the Yxy color 39.6485, 0.3741, 0.3380.



This preview shows how white text looks on a background with the Yxy color 39.6485, 0.3741, 0.3380.

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

39.6485, 0.3741, 0.3380

Protanopia

40.0063, 0.3305, 0.3471

Deuteranopia

39.6700, 0.3558, 0.3491



Tritanopia

39.8249, 0.3605, 0.3155

Trichromacy



Original Color

39.6485, 0.3741, 0.3380

Protanomaly

39.5422, 0.3458, 0.3439

Deuteranomaly

39.4218, 0.3627, 0.3448

Tritanomaly

39.7948, 0.3653, 0.3242

Monochromacy



Original Color

39.6485, 0.3741, 0.3380

Achromatopsia

40.7240, 0.3127, 0.3290

Achromatomaly

40.2311, 0.3333, 0.3331

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.6485, 0.3741, 0.3380 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(210, 156, 149)` looks like.

```
.text, #text, p{  
    color:rgb(210, 156, 149)  
}
```

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(210, 156, 149) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 156, 149) }
```

Border

The CSS property to change the border of an element to Yxy 39.6485, 0.3741, 0.3380 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(210, 156, 149) }
```

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

```
.border{ border-color:rgb(210, 156, 149) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 156, 149)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 156, 149); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 156, 149);  
box-shadow:4px 4px 4px 4px rgb(210, 156,  
149) }
```


Background

The CSS property to change the background color of an element to Yxy 39.6485, 0.3741, 0.3380 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 156, 149) }
```

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

```
.background{ background-color: rgb(210,  
156, 149) }
```

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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