

Converting Colors

$Yxy(39.5599, 0.4233, 0.3928)$

Have a look what the booklet for
Yxy(39.5599, 0.4233, 0.3928)
contains.

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Color

Yxy(39.5605, 0.4231, 0.3931)

Conversions

Conversions Part 1

Format	Color
Hex	D79D68
RGB	215, 157, 104
RGB Percent	84%, 62%, 41%
CMY	0.1569, 0.3843, 0.5920
CMYK	0.00, 0.27, 0.52, 0.16
HSL	29°, 58%, 63%
HSV	29°, 52%, 84%
XYZ	42.5796, 39.5605, 18.4971
YIQ	168.3000, 51.5810, -4.1870

Conversions

Conversions Part 2

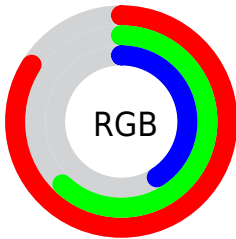
Format	Color
RYB	215, 205, 104
Decimal	14130536
CIELab	69.16, 15.53, 36.05
CIElCh	69, 39.256, 66.691
Yxy	39.5605, 0.4231, 0.3931
Android (android.graphics.Color)	4292320616 (0xFFD79D68)
YUV	168.3000, -31.6999, 40.9559
Hunter-Lab	62.8971, 10.7696, 26.5917

Details

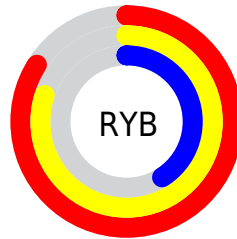
The Yxy color **39.5605, 0.4231, 0.3931** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **33.6983, 0.2310, 0.2519**, and the grayscale version is **39.4551, 0.3127, 0.3290**.

A 20% lighter version of the original color is **70.7473, 0.3870, 0.3868**, and **17.7520, 0.4540, 0.4081** is the 20% darker color. If you saturate the color by 10%, you get **35.5508, 0.4513, 0.4030**, and if you desaturate by 10%, it is **44.0350, 0.3966, 0.3812**.

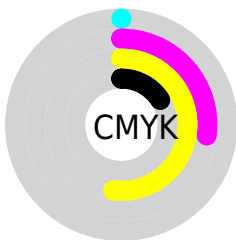
Distribution



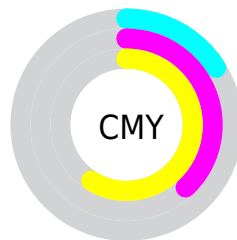
- Red (84%)
- Green (62%)
- Blue (41%)



- Red (84%)
- Yellow (80%)
- Blue (41%)



- Cyan (0%)
- Magenta (27%)
- Yellow (52%)
- Black (16%)





- Cyan (16%)
- Magenta (38%)
- Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.5605, 0.4231, 0.3931 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 39.5605, 0.4231, 0.3931 by changing the saturation by 10% instead.


 39.5605, 0.4231,
0.3931

 39.5605, 0.4231,
0.3931


344.2677, 0.3669,
0.3631

 27.1960, 0.4370,
0.3995


 74.4938, 0.4027,
0.3829


 17.7205, 0.4545,
0.4068


 97.8314, 0.3950,
0.3789

 10.7495, 0.4769,
0.4150


 125.5955, 0.3885,
0.3754

 5.8987, 0.5059,
0.4228

 158.1706, 0.3829,
0.3723

 2.7836, 0.5602,
0.4398

195.9409, 0.3781,
0.3696

 1.0198, 0.5868,
0.4132

239.2909, 0.3739,

 0.0000, 1.0000,

0.3672

0.0000

288.6051, 0.3702,
0.3650

0.0000, 0.0000,
0.0000

39.5605, 0.4231,
0.3931

39.5605, 0.4231,
0.3931

35.5508, 0.4513,
0.4030

44.0350, 0.3966,
0.3812

31.9822, 0.4799,
0.4097

48.9854, 0.3724,
0.3684

28.8369, 0.5073,
0.4119

54.4292, 0.3508,
0.3555

26.0927, 0.5315,
0.4087

60.3814, 0.3318,
0.3428

24.0750, 0.5489,
0.4024

66.8562, 0.3152,
0.3309

■ 73.8670, 0.3008,
0.3197

■ 81.4268, 0.2883,
0.3093

■ 88.1190, 0.2885,
0.3206

■ 93.1858, 0.2889,
0.3289

Harmonies

Analogous

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



39.5605, 0.4250, 0.3493



39.5605, 0.4231, 0.3931



39.5605, 0.3901, 0.4261

Triad

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



39.5605, 0.4231, 0.3931



39.5605, 0.2363, 0.3481



39.5605, 0.2795, 0.2442

Complementary

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



39.5605, 0.4231, 0.3931



33.6983, 0.2310, 0.2519

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.



39.5605, 0.2352, 0.2385



39.5605, 0.4231, 0.3931



39.5605, 0.2121, 0.2920

Square

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



39.5605, 0.4231, 0.3931



39.5605, 0.2816, 0.4040



39.5605, 0.2119, 0.2539



39.5605, 0.3374, 0.2680

Rectangle

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



39.5605, 0.4231, 0.3931



39.5605, 0.3565, 0.4348



39.5605, 0.2119, 0.2539



39.5605, 0.2627, 0.2401

Sweetspot

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



39.5624, 0.4231, 0.3931



85.6798, 0.3382, 0.3472



27.0053, 0.3791, 0.2585



17.9386, 0.3422, 0.3499



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.



39.5624, 0.4231, 0.3931



51.7710, 0.4541, 0.4038



62.1804, 0.3896, 0.4495



13.3891, 0.3279, 0.3402



14.6105, 0.5464, 0.4043



1.0464, 0.5188, 0.4263

Inverse Universe

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



33.6983, 0.2310, 0.2519



42.2051, 0.2152, 0.2318



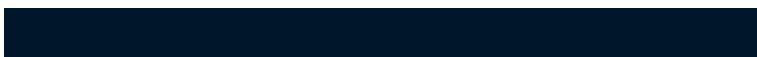
18.5198, 0.2149, 0.1707



13.0718, 0.2982, 0.3176



10.1266, 0.1795, 0.1663



0.7761, 0.1879, 0.1966

Previews

White Background



This preview shows how the Yxy color 39.5605, 0.4231, 0.3931 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 39.5605, 0.4231, 0.3931 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

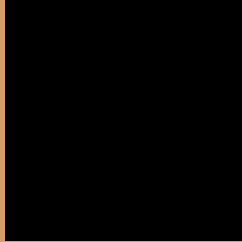
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.5605, 0.4231, 0.3931

Background



This preview shows how black text looks on a background with the Yxy color 39.5605, 0.4231, 0.3931.



This preview shows how white text looks on a background with the Yxy color 39.5605, 0.4231, 0.3931.

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

39.5605, 0.4231, 0.3931

Protanopia

39.6704, 0.3802, 0.4108

Deuteranopia

39.7991, 0.4107, 0.4031



Tritanopia

39.6015, 0.3738, 0.3159

Trichromacy



Original Color

39.5605, 0.4231, 0.3931

Protanomaly

39.5739, 0.3952, 0.4050

Deuteranomaly

39.6762, 0.4160, 0.3995

Tritanomaly

39.5813, 0.3927, 0.3451

Monochromacy



Original Color

39.5605, 0.4231, 0.3931

Achromatopsia

39.1572, 0.3127, 0.3290

Achromatomaly

38.9095, 0.3504, 0.3551

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.5605, 0.4231, 0.3931 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(215, 157, 104)` looks like.

```
.text, #text, p{  
    color:rgb(215, 157, 104)  
}
```

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(215, 157, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(215, 157, 104) }
```

Border

The CSS property to change the border of an element to Yxy 39.5605, 0.4231, 0.3931 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(215, 157, 104) }
```

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

```
.border{ border-color:rgb(215, 157, 104) }
```

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

Here you see how a box with a 4 pixel `rgb(215, 157, 104)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(215, 157, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(215, 157, 104);  
box-shadow:4px 4px 4px 4px rgb(215, 157,  
104) }
```


Background

The CSS property to change the background color of an element to Yxy 39.5605, 0.4231, 0.3931 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(215, 157, 104) }
```

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

```
.background{ background-color: rgb(215,  
157, 104) }
```

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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