

Converting Colors

Yxy(39.3444, 0.4152, 0.4041)

Have a look what the booklet for
Yxy(39.3444, 0.4152, 0.4041)
contains.

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Color

Yxy(39.1835, 0.4157, 0.4039)

Conversions

Conversions Part 1

Format	Color
Hex	CEA064
RGB	206, 160, 100
RGB Percent	81%, 63%, 39%
CMY	0.1921, 0.3726, 0.6077
CMYK	0.00, 0.22, 0.51, 0.19
HSL	34°, 52%, 60%
HSV	34°, 51%, 81%
XYZ	40.3283, 39.1835, 17.5011
YIQ	166.9140, 46.6760, -8.9080

Conversions

Conversions Part 2

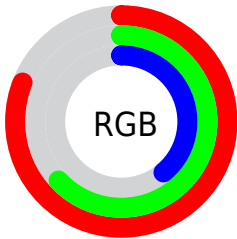
Format	Color
RYB	181, 206, 100
Decimal	13541476
CIELab	68.88, 9.84, 37.61
CIELCh	69, 38.875, 75.342
Yxy	39.1835, 0.4157, 0.4039
Android (android.graphics.Color)	4291731556 (0xFFCEA064)
YUV	166.9140, -32.9886, 34.2784
Hunter-Lab	62.5967, 5.4552, 27.2411

Details

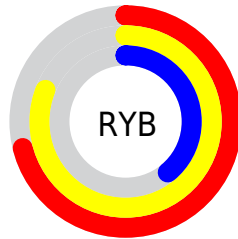
The Yxy color **39.1835, 0.4157, 0.4039** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **27.7386, 0.2285, 0.2375**, and the grayscale version is **38.7486, 0.3127, 0.3290**.

A 20% lighter version of the original color is **72.1279, 0.3887, 0.3937**, and **17.5659, 0.4440, 0.4225** is the 20% darker color. If you saturate the color by 10%, you get **35.8451, 0.4404, 0.4158**, and if you desaturate by 10%, it is **42.8497, 0.3919, 0.3900**.

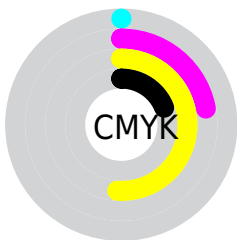
Distribution



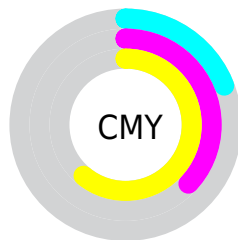
- Red (81%)
- Green (63%)
- Blue (39%)



- Red (71%)
- Yellow (81%)
- Blue (39%)



- Cyan (0%)
- Magenta (22%)
- Yellow (51%)
- Black (19%)





- Cyan (19%)
- Magenta (37%)
- Yellow (61%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 39.1835, 0.4157, 0.4039 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 39.1835, 0.4157, 0.4039 by changing the saturation by 10% instead.

 39.1835, 0.4157,
0.4039


 39.1835, 0.4157,
0.4039


342.6700, 0.3635,
0.3679


 26.9025, 0.4284,
0.4119


 73.9186, 0.3968,
0.3914

 17.5000, 0.4443,
0.4214


 97.1414, 0.3897,
0.3865

 10.5916, 0.4645,
0.4325


 124.7804, 0.3837,
0.3823

 5.7930, 0.4902,
0.4444

 157.2198, 0.3785,
0.3787

 2.7196, 0.5348,
0.4652

194.8440, 0.3740,
0.3755

 0.9872, 0.5529,
0.4471

238.0376, 0.3701,

 0.0000, 1.0000,

0.3726

0.0000

287.1848, 0.3666,
0.3701

0.0000, 0.0000,
0.0000

39.1835, 0.4157,
0.4039

39.1835, 0.4157,
0.4039

35.8451, 0.4404,
0.4158

42.8497, 0.3919,
0.3900

32.8164, 0.4648,
0.4245

46.8494, 0.3697,
0.3750

30.0856, 0.4877,
0.4288

51.1953, 0.3493,
0.3599

27.6370, 0.5077,
0.4278

55.8975, 0.3311,
0.3451

25.7463, 0.5224,
0.4234

60.9656, 0.3149,
0.3310

■ 66.4087, 0.3006,
0.3177

■ 72.2357, 0.2880,
0.3055

■ 77.8049, 0.2823,
0.3041

■ 82.9563, 0.2829,
0.3137

Harmonies

Analogous

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



39.1835, 0.4273, 0.3622



39.1835, 0.4157, 0.4039



39.1835, 0.3760, 0.4309

Triad

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



39.1835, 0.4157, 0.4039



39.1835, 0.2274, 0.3309



39.1835, 0.2955, 0.2499

Complementary

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



39.1835, 0.4157, 0.4039



27.7386, 0.2285, 0.2375

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.



39.1835, 0.2465, 0.2386



39.1835, 0.4157, 0.4039



39.1835, 0.2102, 0.2791

Square

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



39.1835, 0.4157, 0.4039



39.1835, 0.2671, 0.3891



39.1835, 0.2169, 0.2476



39.1835, 0.3543, 0.2779

Rectangle

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



39.1835, 0.4157, 0.4039



39.1835, 0.3403, 0.4331



39.1835, 0.2169, 0.2476



39.1835, 0.2774, 0.2440

Sweetspot

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



39.1854, 0.4157, 0.4039



87.6352, 0.3377, 0.3505



24.3727, 0.3907, 0.2694



18.4091, 0.3416, 0.3537



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.



39.1854, 0.4157, 0.4039



57.3908, 0.4436, 0.4172



57.4469, 0.3827, 0.4544



12.2494, 0.3276, 0.3421



16.0478, 0.5205, 0.4249



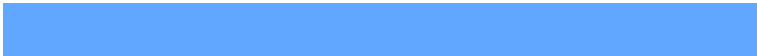
0.9771, 0.4955, 0.4447

Inverse Universe

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



27.7386, 0.2285, 0.2375



36.8615, 0.2109, 0.2128



16.5999, 0.2187, 0.1683



11.6318, 0.2983, 0.3155



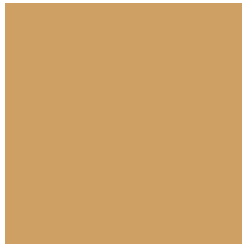
7.3738, 0.1717, 0.1380



0.5304, 0.1823, 0.1764

Previews

White Background



This preview shows how the Yxy color 39.1835, 0.4157, 0.4039 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 39.1835, 0.4157, 0.4039 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

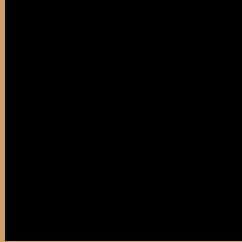
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.1835, 0.4157, 0.4039

Background



This preview shows how black text looks on a background with the Yxy color 39.1835, 0.4157, 0.4039.



This preview shows how white text looks on a background with the Yxy color 39.1835, 0.4157, 0.4039.

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

39.1835, 0.4157, 0.4039

Protanopia

39.1749, 0.3858, 0.4173

Deuteranopia

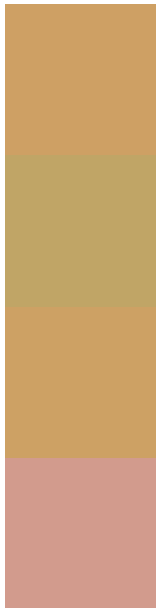
39.2472, 0.4130, 0.4058



Tritanopia

39.1339, 0.3621, 0.3143

Trichromacy



Original Color

39.1835, 0.4157, 0.4039

Protanomaly

39.0760, 0.3965, 0.4122

Deuteranomaly

39.3890, 0.4140, 0.4054

Tritanomaly

39.0674, 0.3827, 0.3468

Monochromacy



Original Color

39.1835, 0.4157, 0.4039

Achromatopsia

38.6429, 0.3127, 0.3290

Achromatomaly

38.3578, 0.3483, 0.3582

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.1835, 0.4157, 0.4039 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(206, 160, 100)` looks like.

```
.text, #text, p{  
    color:rgb(206, 160, 100)  
}
```

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(206, 160, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(206, 160, 100) }
```

Border

The CSS property to change the border of an element to Yxy 39.1835, 0.4157, 0.4039 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(206, 160, 100) }
```

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

```
.border{ border-color:rgb(206, 160, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(206, 160, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(206, 160, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(206, 160, 100);  
box-shadow:4px 4px 4px 4px rgb(206, 160,  
100) }
```


Background

The CSS property to change the background color of an element to Yxy 39.1835, 0.4157, 0.4039 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(206, 160, 100) }
```

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

```
.background{ background-color: rgb(206,  
160, 100) }
```

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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