

Converting Colors

$Yxy(39.8475, 0.3910, 0.4058)$

Have a look what the booklet for
Yxy(39.8475, 0.3910, 0.4058)
contains.

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Color

Yxy(39.6926, 0.3918, 0.4056)

Conversions

Conversions Part 1

Format	Color
Hex	C1A66C
RGB	193, 166, 108
RGB Percent	76%, 65%, 42%
CMY	0.2430, 0.3491, 0.5765
CMYK	0.00, 0.14, 0.44, 0.24
HSL	41°, 41%, 59%
HSV	41°, 44%, 76%
XYZ	38.3421, 39.6926, 19.8267
YIQ	167.4610, 34.7100, -12.3140

Conversions

Conversions Part 2

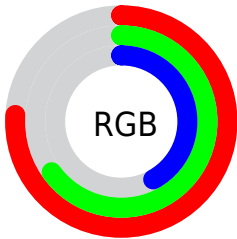
Format	Color
RYB	148, 193, 108
Decimal	12691052
CIELab	69.25, 1.99, 33.62
CIELCh	69, 33.681, 86.617
Yxy	39.6926, 0.3918, 0.4056
Android (android.graphics.Color)	4290881132 (0xFFC1A66C)
YUV	167.4610, -29.3143, 22.3977
Hunter-Lab	63.0021, -1.6212, 25.4429

Details

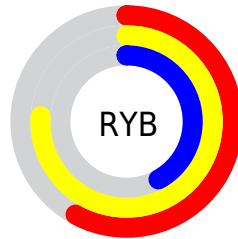
The Yxy color **39.6926, 0.3918, 0.4056** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **24.3796, 0.2383, 0.2373**, and the grayscale version is **39.0159, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.7602, 0.3776, 0.3922**, and **17.7537, 0.4146, 0.4258** is the 20% darker color. If you saturate the color by 10%, you get **37.1491, 0.4123, 0.4215**, and if you desaturate by 10%, it is **42.4374, 0.3717, 0.3883**.

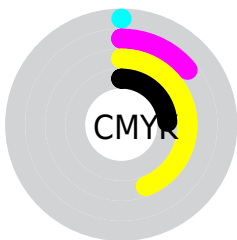
Distribution



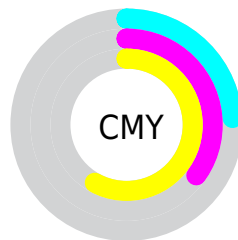
- Red (76%)
- Green (65%)
- Blue (42%)



- Red (58%)
- Yellow (76%)
- Blue (42%)



- Cyan (0%)
- Magenta (14%)
- Yellow (44%)
- Black (24%)




- Cyan (24%)
- Magenta (35%)
- Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.6926, 0.3918, 0.4056 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 39.6926, 0.3918, 0.4056 by changing the saturation by 10% instead.

 39.6926, 0.3918,
0.4056


 39.6926, 0.3918,
0.4056


344.8262, 0.3519,
0.3673


 27.2990, 0.4015,
0.4148

 74.6952, 0.3774,
0.3919


 17.7979, 0.4138,
0.4262


 98.0729, 0.3719,
0.3867

 10.8050, 0.4294,
0.4406


 125.8808, 0.3673,
0.3822

 5.9358, 0.4494,
0.4586

 158.5032, 0.3633,
0.3784

 2.8061, 0.4970,
0.5030

196.3246, 0.3599,
0.3751

 1.0314, 0.5009,
0.4991

239.7293, 0.3569,

 0.0000, 0.0000,

0.3722

0.0000

289.1017, 0.3543,
0.3696

■ 39.6926, 0.3918,
0.4056

■ 39.6926, 0.3918,
0.4056

■ 37.1491, 0.4123,
0.4215

■ 42.4374, 0.3717,
0.3883

■ 34.7937, 0.4326,
0.4350

■ 45.3849, 0.3527,
0.3704

■ 32.6200, 0.4516,
0.4450

■ 48.5434, 0.3350,
0.3527

■ 30.6185, 0.4684,
0.4505

■ 51.9189, 0.3188,
0.3357

■ 28.7784, 0.4822,
0.4510

■ 55.5174, 0.3042,
0.3195

■ 27.7489, 0.4894,
0.4496

■ 59.3443, 0.2911,
0.3044

■ 63.4048, 0.2794,
0.2904

■ 67.2165, 0.2730,
0.2851

■ 70.4040, 0.2736,
0.2920

Harmonies

Analogous

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



39.6926, 0.4115, 0.3735



39.6926, 0.3918, 0.4056



39.6926, 0.3513, 0.4192

Triad

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



39.6926, 0.3918, 0.4056



39.6926, 0.2302, 0.3130



39.6926, 0.3170, 0.2673

Complementary

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



39.6926, 0.3918, 0.4056



24.3796, 0.2383, 0.2373

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.



39.6926, 0.2697, 0.2515



39.6926, 0.3918, 0.4056



39.6926, 0.2227, 0.2736

Square

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



39.6926, 0.3918, 0.4056



39.6926, 0.2584, 0.3626



39.6926, 0.2364, 0.2528



39.6926, 0.3668, 0.2968

Rectangle

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



39.6926, 0.3918, 0.4056



39.6926, 0.3188, 0.4125



39.6926, 0.2364, 0.2528



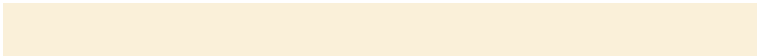
39.6926, 0.3002, 0.2603

Sweetspot

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



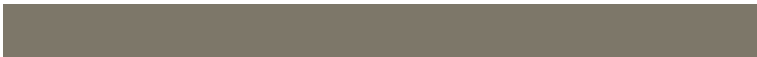
39.6945, 0.3918, 0.4056



87.4031, 0.3336, 0.3513



23.8542, 0.3880, 0.2908



18.4720, 0.3373, 0.3551



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



39.6945, 0.3918, 0.4056



66.6043, 0.4119, 0.4212



48.8063, 0.3647, 0.4412



11.2006, 0.3272, 0.3446



18.5977, 0.4883, 0.4505



0.9231, 0.4693, 0.4655

Inverse Universe

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



24.3796, 0.2383, 0.2373



35.7036, 0.2209, 0.2124



18.7265, 0.2435, 0.1979



10.2592, 0.2984, 0.3129



4.9365, 0.1628, 0.1059



0.3396, 0.1757, 0.1526

Previews

White Background



This preview shows how the Yxy color 39.6926, 0.3918, 0.4056 looks on a white background.

Color Contrast Check

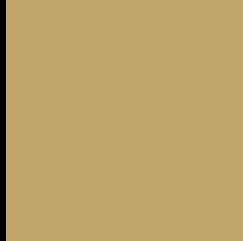
Large Text (above 18pt) WCAG AA × Fail

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 39.6926, 0.3918, 0.4056 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

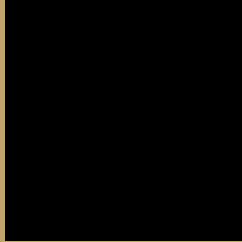
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.6926, 0.3918, 0.4056

Background



This preview shows how black text looks on a background with the Yxy color 39.6926, 0.3918, 0.4056.



This preview shows how white text looks on a background with the Yxy color 39.6926, 0.3918, 0.4056.

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

39.6926, 0.3918, 0.4056

Protanopia

39.6704, 0.3802, 0.4108

Deuteranopia

39.7822, 0.4043, 0.3963



Tritanopia

39.5361, 0.3408, 0.3124

Trichromacy



Original Color

39.6926, 0.3918, 0.4056

Protanomaly

39.6742, 0.3837, 0.4086

Deuteranomaly

39.5779, 0.3997, 0.3987

Tritanomaly

39.4982, 0.3604, 0.3462

Monochromacy



Original Color

39.6926, 0.3918, 0.4056

Achromatopsia

38.6429, 0.3127, 0.3290

Achromatomaly

38.9429, 0.3398, 0.3585

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.6926, 0.3918, 0.4056 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(193, 166, 108)` looks like.

```
.text, #text, p{  
    color:rgb(193, 166, 108)  
}
```

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(193, 166, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 166, 108) }
```

Border

The CSS property to change the border of an element to Yxy 39.6926, 0.3918, 0.4056 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(193, 166, 108) }
```

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

```
.border{ border-color:rgb(193, 166, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 166, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(193, 166, 108); -webkit-box-shadow:4px 4px 4px 4px rgb(193, 166, 108); box-shadow:4px 4px 4px 4px rgb(193, 166, 108) }
```


Background

The CSS property to change the background color of an element to Yxy 39.6926, 0.3918, 0.4056 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 166, 108) }
```

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

```
.background{ background-color: rgb(193,  
166, 108) }
```

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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