

Converting Colors

$Y_{xy}(39.0560, 0.4036, 0.4120)$

Have a look what the booklet for
Yxy(39.0560, 0.4036, 0.4120)
contains.

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Color

Yxy(39.2068, 0.4029, 0.4120)

Conversions

Conversions Part 1

Format	Color
Hex	C4A464
RGB	196, 164, 100
RGB Percent	77%, 64%, 39%
CMY	0.2314, 0.3568, 0.6077
CMYK	0.00, 0.16, 0.49, 0.23
HSL	40°, 45%, 58%
HSV	40°, 49%, 77%
XYZ	38.3408, 39.2068, 17.6145
YIQ	166.2720, 39.6160, -13.1200

Conversions

Conversions Part 2

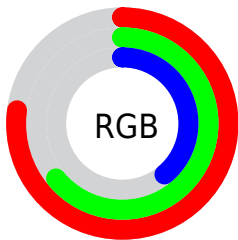
Format	Color
RYB	148, 196, 100
Decimal	12887140
CIELab	68.90, 3.49, 37.40
CIElCh	69, 37.566, 84.671
Yxy	39.2068, 0.4029, 0.4120
Android (android.graphics.Color)	4291077220 (0xFFC4A464)
YUV	166.2720, -32.6721, 26.0715
Hunter-Lab	62.6153, -0.2771, 27.1517

Details

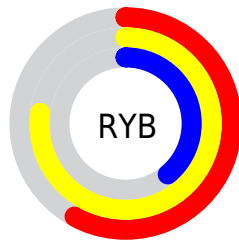
The Yxy color **39.2068, 0.4029, 0.4120** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **23.2081, 0.2299, 0.2272**, and the grayscale version is **38.4210, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.0009, 0.3863, 0.3977**, and **17.4028, 0.4281, 0.4330** is the 20% darker color. If you saturate the color by 10%, you get **36.5944, 0.4239, 0.4266**, and if you desaturate by 10%, it is **42.0343, 0.3821, 0.3955**.

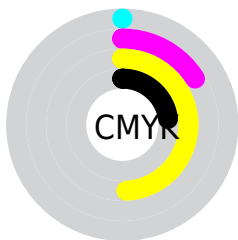
Distribution



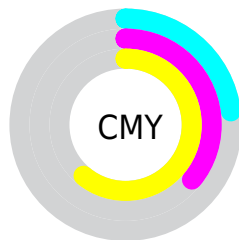
- Red (77%)
- Green (64%)
- Blue (39%)



- Red (58%)
- Yellow (77%)
- Blue (39%)



- Cyan (0%)
- Magenta (16%)
- Yellow (49%)
- Black (23%)



- Cyan (23%)
- Magenta (36%)
- Yellow (61%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.2068, 0.4029, 0.4120 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 39.2068, 0.4029, 0.4120 by changing the saturation by 10% instead.


 39.2068, 0.4029,
0.4120


 39.2068, 0.4029,
0.4120


342.7689, 0.3575,
0.3710


 26.9206, 0.4139,
0.4216


 73.9541, 0.3866,
0.3975

 17.5136, 0.4275,
0.4333


 97.1841, 0.3804,
0.3919

 10.6014, 0.4445,
0.4476


 124.8308, 0.3751,
0.3871

 5.7995, 0.4659,
0.4646

 157.2786, 0.3706,
0.3830

 2.7235, 0.5045,
0.4955

194.9119, 0.3667,
0.3794

 0.9892, 0.5113,
0.4887

238.1151, 0.3632,

 0.0000, 0.0000,

0.3762

0.0000

287.2727, 0.3602,
0.3735

■ 39.2068, 0.4029,
0.4120

■ 39.2068, 0.4029,
0.4120

■ 36.5944, 0.4239,
0.4266

■ 42.0343, 0.3821,
0.3955

■ 34.1833, 0.4443,
0.4382

■ 45.0792, 0.3622,
0.3782

■ 31.9657, 0.4630,
0.4458

■ 48.3505, 0.3436,
0.3607

■ 29.9311, 0.4791,
0.4485

■ 51.8549, 0.3266,
0.3436

■ 28.0623, 0.4923,
0.4465

■ 55.5989, 0.3112,
0.3273

■ 27.8743, 0.4936,
0.4463

■ 59.5884, 0.2973,
0.3121

■ 63.8294, 0.2850,
0.2978

■ 68.2082, 0.2750,
0.2866

■ 71.6288, 0.2756,
0.2940

Harmonies

Analogous

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



39.2068, 0.4235, 0.3748



39.2068, 0.4029, 0.4120



39.2068, 0.3586, 0.4302

Triad

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



39.2068, 0.4029, 0.4120



39.2068, 0.2224, 0.3139



39.2068, 0.3135, 0.2591

Complementary

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



39.2068, 0.4029, 0.4120



23.2081, 0.2299, 0.2272

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.



39.2068, 0.2616, 0.2427



39.2068, 0.4029, 0.4120



39.2068, 0.2128, 0.2690

Square

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



39.2068, 0.4029, 0.4120



39.2068, 0.2547, 0.3703



39.2068, 0.2264, 0.2452



39.2068, 0.3698, 0.2906

Rectangle

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



39.2068, 0.4029, 0.4120



39.2068, 0.3225, 0.4248



39.2068, 0.2264, 0.2452



39.2068, 0.2949, 0.2518

Sweetspot

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



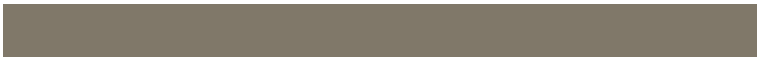
39.2087, 0.4029, 0.4120



89.9090, 0.3371, 0.3543



22.5685, 0.3986, 0.2847



18.9579, 0.3409, 0.3580



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.



39.2087, 0.4029, 0.4120



65.8587, 0.4259, 0.4279



50.2936, 0.3711, 0.4526



11.1742, 0.3273, 0.3443



18.0757, 0.4923, 0.4473



0.9034, 0.4722, 0.4633

Inverse Universe

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



23.2081, 0.2299, 0.2272



33.5410, 0.2110, 0.1994



16.7150, 0.2325, 0.1806



10.2844, 0.2984, 0.3132



5.1581, 0.1638, 0.1097



0.3512, 0.1768, 0.1564

Previews

White Background



This preview shows how the Yxy color 39.2068, 0.4029, 0.4120 looks on a white background.

Color Contrast Check

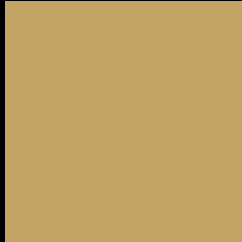
Large Text (above 18pt) WCAG AA × Fail

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 39.2068, 0.4029, 0.4120 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 39.2068, 0.4029, 0.4120

Background



This preview shows how black text looks on a background with the Yxy color 39.2068, 0.4029, 0.4120.



This preview shows how white text looks on a background with the Yxy color 39.2068, 0.4029, 0.4120.

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

39.2068, 0.4029, 0.4120

Protanopia

39.1549, 0.3866, 0.4186

Deuteranopia

39.2667, 0.4121, 0.4046



Tritanopia

39.1606, 0.3471, 0.3138

Trichromacy



Original Color

39.2068, 0.4029, 0.4120

Protanomaly

39.2684, 0.3921, 0.4172

Deuteranomaly

39.1978, 0.4084, 0.4068

Tritanomaly

39.0588, 0.3690, 0.3500

Monochromacy



Original Color

39.2068, 0.4029, 0.4120

Achromatopsia

38.1326, 0.3127, 0.3290

Achromatomaly

38.2104, 0.3449, 0.3614

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.2068, 0.4029, 0.4120 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(196, 164, 100)` looks like.

```
.text, #text, p{  
    color:rgb(196, 164, 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(196, 164, 100) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 164, 100) }
```

Border

The CSS property to change the border of an element to Yxy 39.2068, 0.4029, 0.4120 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(196, 164, 100) }
```

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

```
.border{ border-color:rgb(196, 164, 100) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 164, 100)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 164, 100); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 164, 100);  
box-shadow:4px 4px 4px 4px rgb(196, 164,  
100) }
```


Background

The CSS property to change the background color of an element to Yxy 39.2068, 0.4029, 0.4120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 164, 100) }
```

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

```
.background{ background-color: rgb(196,  
164, 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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