

Converting Colors

Yxy(39.6643, 0.4104, 0.4412)

Have a look what the booklet for
Yxy(39.6643, 0.4104, 0.4412)
contains.

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Color

Yxy(39.6608, 0.4109, 0.4412)

Conversions

Conversions Part 1

Format	Color
Hex	BFA850
RGB	191, 168, 80
RGB Percent	75%, 66%, 31%
CMY	0.2510, 0.3412, 0.6863
CMYK	0.00, 0.12, 0.58, 0.25
HSL	48°, 46%, 53%
HSV	48°, 58%, 75%
XYZ	36.9370, 39.6608, 13.2952
YIQ	164.8450, 41.9560, -22.4920

Conversions

Conversions Part 2

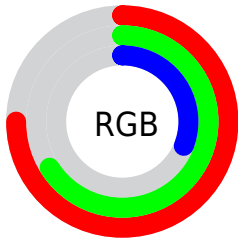
Format	Color
RYB	109, 191, 80
Decimal	12560464
CIELab	69.23, -2.48, 47.72
CIELCh	69, 47.786, 92.979
Yxy	39.6608, 0.4109, 0.4412
Android (android.graphics.Color)	4290750544 (0xFFBFA850)
YUV	164.8450, -41.8286, 22.9379
Hunter-Lab	62.9768, -5.5160, 31.5669

Details

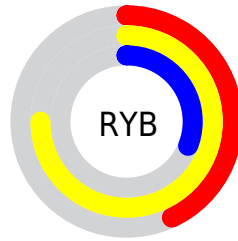
The Yxy color **39.6608, 0.4109, 0.4412** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **15.1652, 0.2090, 0.1805**, and the grayscale version is **37.7385, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.7653, 0.3946, 0.4217**, and **17.7255, 0.4348, 0.4686** is the 20% darker color. If you saturate the color by 10%, you get **37.9802, 0.4268, 0.4552**, and if you desaturate by 10%, it is **41.4698, 0.3937, 0.4242**.

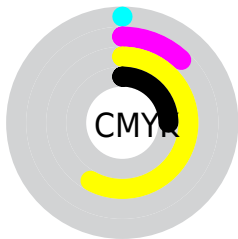
Distribution



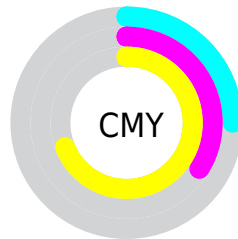
- Red (75%)
- Green (66%)
- Blue (31%)



- Red (43%)
- Yellow (75%)
- Blue (31%)



- Cyan (0%)
- Magenta (12%)
- Yellow (58%)
- Black (25%)





- Cyan (25%)
- Magenta (34%)
- Yellow (69%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.6608, 0.4109, 0.4412 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 39.6608, 0.4109, 0.4412 by changing the saturation by 10% instead.

 39.6608, 0.4109,
0.4412


 39.6608, 0.4109,
0.4412


344.6918, 0.3632,
0.3859


 27.2742, 0.4215,
0.4538


 74.6467, 0.3944,
0.4218

 17.7792, 0.4339,
0.4688

 98.0148, 0.3879,
0.4143

 10.7916, 0.4479,
0.4863


 125.8121, 0.3823,
0.4078

 5.9269, 0.4700,
0.5138

 158.4232, 0.3774,
0.4022

 2.8007, 0.4750,
0.5250

 196.2322, 0.3732,
0.3974

 1.0286, 0.4700,
0.5300

239.6238, 0.3695,

 0.0000, 0.0000,

0.3931

0.0000

288.9822, 0.3662,
0.3893

■ 39.6608, 0.4109,
0.4412

■ 39.6608, 0.4109,
0.4412

■ 37.9802, 0.4268,
0.4552

■ 41.4698, 0.3937,
0.4242

■ 36.4151, 0.4405,
0.4652

■ 43.4083, 0.3759,
0.4052

■ 34.9587, 0.4516,
0.4706

■ 45.4839, 0.3583,
0.3850

■ 33.5979, 0.4600,
0.4717

■ 47.7023, 0.3412,
0.3647

■ 33.3493, 0.4615,
0.4718

■ 50.0686, 0.3250,
0.3447

■ 52.5874, 0.3100,
0.3255

■ 55.2634, 0.2962,
0.3074

■ 58.1009, 0.2837,
0.2905

■ 61.1039, 0.2724,
0.2749

Harmonies

Analogous

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



39.6608, 0.4482, 0.3969



39.6608, 0.4109, 0.4412



39.6608, 0.3496, 0.4585

Triad

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



39.6608, 0.4109, 0.4412



39.6608, 0.1949, 0.2901



39.6608, 0.3329, 0.2521

Complementary

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



39.6608, 0.4109, 0.4412



15.1652, 0.2090, 0.1805

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.



39.6608, 0.2645, 0.2266



39.6608, 0.4109, 0.4412



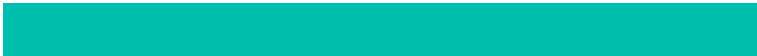
39.6608, 0.1918, 0.2423

Square

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



39.6608, 0.4109, 0.4412



39.6608, 0.2259, 0.3609



39.6608, 0.2155, 0.2222



39.6608, 0.4026, 0.2936

Rectangle

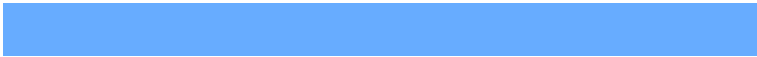
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



39.6608, 0.4109, 0.4412



39.6608, 0.3040, 0.4444



39.6608, 0.2155, 0.2222



39.6608, 0.3088, 0.2415

Sweetspot

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



39.6627, 0.4109, 0.4412



85.7813, 0.3397, 0.3629



17.8130, 0.4491, 0.2979



18.6538, 0.3431, 0.3671



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.



39.6627, 0.4109, 0.4412



67.1607, 0.4311, 0.4586



45.2701, 0.3659, 0.4802



10.7757, 0.3269, 0.3471



22.0336, 0.4608, 0.4723



0.9492, 0.4491, 0.4816

Inverse Universe

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



15.1652, 0.2090, 0.1805



19.3698, 0.1867, 0.1431



12.9057, 0.2287, 0.1563



9.5371, 0.2984, 0.3103



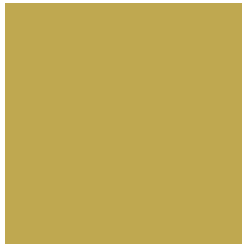
3.5463, 0.1563, 0.0825



0.2345, 0.1687, 0.1272

Previews

White Background



This preview shows how the Yxy color 39.6608, 0.4109, 0.4412 looks on a white background.

Color Contrast Check

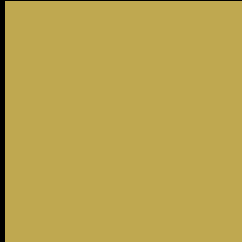
Large Text (above 18pt) WCAG AA × Fail

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 39.6608, 0.4109, 0.4412 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 39.6608, 0.4109, 0.4412

Background



This preview shows how black text looks on a background with the Yxy color 39.6608, 0.4109, 0.4412.



This preview shows how white text looks on a background with the Yxy color 39.6608, 0.4109, 0.4412.

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

39.6608, 0.4109, 0.4412

Protanopia

39.5199, 0.4061, 0.4442

Deuteranopia

39.5088, 0.4318, 0.4236



Tritanopia

39.4981, 0.3418, 0.3137

Trichromacy



Original Color

39.6608, 0.4109, 0.4412

Protanomaly

39.6465, 0.4071, 0.4437

Deuteranomaly

39.7016, 0.4242, 0.4306

Tritanomaly

39.3826, 0.3697, 0.3622

Monochromacy



Original Color

39.6608, 0.4109, 0.4412

Achromatopsia

37.6262, 0.3127, 0.3290

Achromatomaly

37.9923, 0.3490, 0.3746

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.6608, 0.4109, 0.4412 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(191, 168, 80)` looks like.

```
.text, #text, p{  
    color:rgb(191, 168, 80)  
}
```

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(191, 168, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 168, 80) }
```

Border

The CSS property to change the border of an element to Yxy 39.6608, 0.4109, 0.4412 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(191, 168, 80) }
```

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

```
.border{ border-color:rgb(191, 168, 80) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 168, 80)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(191, 168, 80); -webkit-box-shadow:4px 4px 4px 4px rgb(191, 168, 80); box-shadow:4px 4px 4px 4px rgb(191, 168, 80) }
```


Background

The CSS property to change the background color of an element to Yxy 39.6608, 0.4109, 0.4412 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 168, 80) }
```

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

```
.background{ background-color: rgb(191,  
168, 80) }
```

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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