

Converting Colors

Yxy(39.4987, 0.4313, 0.4957)

Have a look what the booklet for
Yxy(39.4987, 0.4313, 0.4957)
contains.

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Color

Yxy(39.6954, 0.4312, 0.4958)

Conversions

Conversions Part 1

Format	Color
Hex	B8AC00
RGB	184, 172, 0
RGB Percent	72%, 67%, 0%
CMY	0.2784, 0.3255, 0.9996
CMYK	0.00, 0.07, 1.00, 0.28
HSL	56°, 100%, 36%
HSV	56°, 100%, 72%
XYZ	34.5233, 39.6954, 5.8446
YIQ	155.9800, 62.3640, -50.9480

Conversions

Conversions Part 2

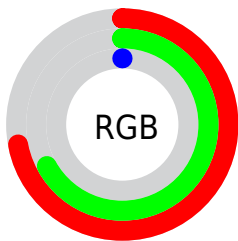
Format	Color
R _Y B	13, 184, 0
Decimal	12102656
CIE Lab	69.25, -10.72, 71.54
CIE LCh	69, 72.340, 98.520
Yxy	39.6954, 0.4312, 0.4958
Android (android.graphics.Color)	4290292736 (0xFFB8AC00)
YUV	155.9800, -76.8981, 24.5735
Hunter-Lab	63.0043, -12.4481, 38.6029

Details

The Yxy color **39.6954, 0.4312, 0.4958** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **3.7277, 0.1512, 0.0641**, and the grayscale version is **33.5722, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.7213, 0.4160, 0.4699**, and **17.8686, 0.4276, 0.4987** is the 20% darker color. If you saturate the color by 10%, you get **39.6947, 0.4312, 0.4958**, and if you desaturate by 10%, it is **40.2022, 0.4274, 0.4928**.

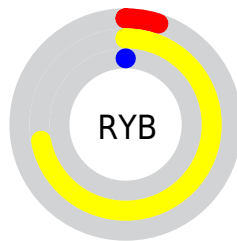
Distribution



Red (72%)

Green (67%)

Blue (0%)



Red (5%)

Yellow (72%)

Blue (0%)

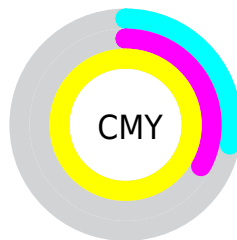


Cyan (0%)

Magenta (7%)

Yellow (100%)

Black (28%)



Cyan (28%)

Magenta (33%)

Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.6954, 0.4312, 0.4958 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 39.6954, 0.4312, 0.4958 by changing the saturation by 10% instead.


 39.6954, 0.4312,
0.4958


 39.6954, 0.4312,
0.4958


344.8381, 0.3803,
0.4176


 27.3011, 0.4390,
0.5108


 74.6995, 0.4160,
0.4702


 17.7995, 0.4456,
0.5267


 98.0780, 0.4092,
0.4596


 10.8061, 0.4529,
0.5471


 125.8868, 0.4030,
0.4503

 5.9366, 0.4451,
0.5549

 158.5103, 0.3975,
0.4421

 2.8066, 0.4328,
0.5672

 196.3327, 0.3925,
0.4349

 1.0316, 0.4083,
0.5917

 239.7386, 0.3880,

 0.0000, 0.0000,

0.4285

0.0000

289.1122, 0.3839,
0.4227

■ 39.6954, 0.4312,
0.4958

■ 39.6954, 0.4312,
0.4958

■ 39.6947, 0.4312,
0.4958

■ 40.2022, 0.4274,
0.4928

■ 40.7538, 0.4214,
0.4862

■ 41.3677, 0.4127,
0.4753

■ 42.0517, 0.4016,
0.4604

■ 42.8123, 0.3885,
0.4419

■ 43.6553, 0.3739,
0.4209

■ 44.5859, 0.3585,
0.3983

■ 45.6088, 0.3429,
0.3749

■ 46.7284, 0.3275,
0.3516

Harmonies

Analogous

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



39.6954, 0.4995, 0.4265



39.6954, 0.4312, 0.4958



39.6954, 0.3387, 0.5277

Triad

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



39.6954, 0.4312, 0.4958



39.6954, 0.1437, 0.2498



39.6954, 0.3607, 0.2291

Complementary

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



39.6954, 0.4312, 0.4958



3.7277, 0.1512, 0.0641

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.



39.6954, 0.2567, 0.1909



39.6954, 0.4312, 0.4958



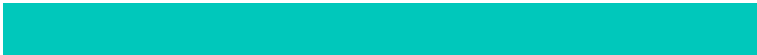
39.6954, 0.1479, 0.1948

Square

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



39.6954, 0.4312, 0.4958



39.6954, 0.1747, 0.3520



39.6954, 0.1845, 0.1781



39.6954, 0.4646, 0.2867

Rectangle

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



39.6954, 0.4312, 0.4958



39.6954, 0.2746, 0.5014



39.6954, 0.1845, 0.1781



39.6954, 0.3238, 0.2138

Sweetspot

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



39.6973, 0.4312, 0.4958



80.7093, 0.3594, 0.3996



10.2220, 0.6329, 0.3261



17.2437, 0.3659, 0.4092



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



39.6973, 0.4312, 0.4958



71.8035, 0.4314, 0.4956



37.2507, 0.3462, 0.5633



10.4001, 0.3265, 0.3502



27.3918, 0.4311, 0.4959



0.9960, 0.4277, 0.4986

Inverse Universe

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



3.7277, 0.1512, 0.0641



6.6342, 0.1509, 0.0631



5.1600, 0.1901, 0.0821



8.8112, 0.2984, 0.3069



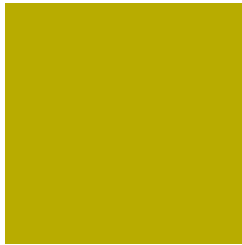
2.6057, 0.1514, 0.0650



0.1239, 0.1568, 0.0844

Previews

White Background



This preview shows how the Yxy color 39.6954, 0.4312, 0.4958 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 39.6954, 0.4312, 0.4958 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 39.6954, 0.4312, 0.4958

Background



This preview shows how black text looks on a background with the Yxy color 39.6954, 0.4312, 0.4958.



This preview shows how white text looks on a background with the Yxy color 39.6954, 0.4312, 0.4958.

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

39.6954, 0.4312, 0.4958

Protanopia

39.8258, 0.4401, 0.4888

Deuteranopia

39.5037, 0.4688, 0.4576



Tritanopia

39.7223, 0.3356, 0.3135

Trichromacy



Original Color

39.6954, 0.4312, 0.4958

Protanomaly

39.8172, 0.4361, 0.4919

Deuteranomaly

39.2819, 0.4560, 0.4715

Tritanomaly

38.7314, 0.3900, 0.4025

Monochromacy



Original Color

39.6954, 0.4312, 0.4958

Achromatopsia

33.2452, 0.3127, 0.3290

Achromatomaly

34.8485, 0.3738, 0.4216

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.6954, 0.4312, 0.4958 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(184, 172, 0)` looks like.

```
.text, #text, p{  
    color:rgb(184, 172, 0)  
}
```

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(184, 172, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 172, 0) }
```

Border

The CSS property to change the border of an element to Yxy 39.6954, 0.4312, 0.4958 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(184, 172, 0) }
```

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

```
.border{ border-color:rgb(184, 172, 0) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 172, 0)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 172, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 172, 0);  
box-shadow:4px 4px 4px 4px rgb(184, 172,  
0) }
```


Background

The CSS property to change the background color of an element to Yxy 39.6954, 0.4312, 0.4958 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 172, 0) }
```

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

```
.background{ background-color: rgb(184,  
172, 0) }
```

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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