

Converting Colors

Yxy(38.9322, 0.4328, 0.4946)

Have a look what the booklet for
Yxy(38.9322, 0.4328, 0.4946)
contains.

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Color

Yxy(38.9398, 0.4333, 0.4942)

Conversions

Conversions Part 1

Format	Color
Hex	B8AA00
RGB	184, 170, 0
RGB Percent	72%, 67%, 0%
CMY	0.2784, 0.3333, 1.0000
CMYK	0.00, 0.08, 1.00, 0.28
HSL	55°, 100%, 36%
HSV	55°, 100%, 72%
XYZ	34.1413, 38.9398, 5.7125
YIQ	154.8060, 62.9140, -49.9020

Conversions

Conversions Part 2

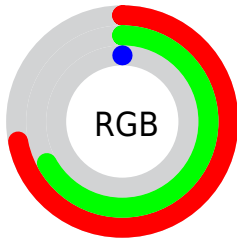
Format	Color
RYB	15, 184, 0
Decimal	12102144
CIELab	68.71, -9.69, 71.18
CIELCh	69, 71.832, 97.754
Yxy	38.9398, 0.4333, 0.4942
Android (android.graphics.Color)	4290292224 (0xFFB8AA00)
YUV	154.8060, -76.3194, 25.6031
Hunter-Lab	62.4018, -11.5421, 38.2536

Details

The Yxy color **38.9398, 0.4333, 0.4942** is a dark color, and the websafe version is hex **999900**. A complement of this color would be **3.7746, 0.1514, 0.0649**, and the grayscale version is **33.0125, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.6193, 0.4177, 0.4690**, and **17.3925, 0.4305, 0.4964** is the 20% darker color. If you saturate the color by 10%, you get **38.9419, 0.4333, 0.4942**, and if you desaturate by 10%, it is **39.5144, 0.4292, 0.4913**.

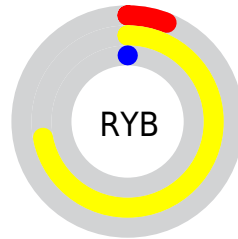
Distribution



Red (72%)

Green (67%)

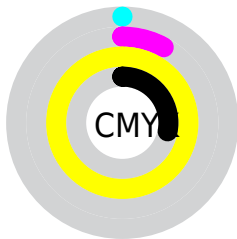
Blue (0%)



Red (6%)

Yellow (72%)

Blue (0%)

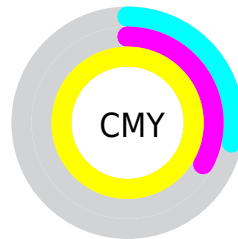


Cyan (0%)

Magenta (8%)

Yellow (100%)

Black (28%)



Cyan (28%)


Magenta (33%)

Yellow (100%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.9398, 0.4333, 0.4942 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 38.9398, 0.4333, 0.4942 by changing the saturation by 10% instead.

 38.9398, 0.4333,
0.4942


 38.9398, 0.4333,
0.4942


341.6345, 0.3811,
0.4168


 26.7129, 0.4414,
0.5090


 73.5463, 0.4176,
0.4689


 17.3577, 0.4484,
0.5246


 96.6948, 0.4106,
0.4585


 10.4899, 0.4559,
0.5441


 124.2525, 0.4043,
0.4492

 5.7249, 0.4488,
0.5512

 156.6039, 0.3986,
0.4411

 2.6786, 0.4374,
0.5626

 194.1335, 0.3935,
0.4340

 0.9663, 0.4129,
0.5871

 237.2255, 0.3889,

 0.0000, 0.0000,

0.4276

0.0000

286.2643, 0.3848,
0.4219

38.9398, 0.4333,
0.4942

38.9398, 0.4333,
0.4942

38.9419, 0.4333,
0.4942

39.5144, 0.4292,
0.4913

40.1348, 0.4229,
0.4849

40.8190, 0.4139,
0.4741

41.5746, 0.4025,
0.4593

42.4083, 0.3891,
0.4410

■ 43.3258, 0.3743,
0.4201

■ 44.3323, 0.3588,
0.3977

■ 45.4326, 0.3430,
0.3745

■ 46.6310, 0.3276,
0.3514

Harmonies

Analogous

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



38.9398, 0.5006, 0.4246



38.9398, 0.4333, 0.4942



38.9398, 0.3412, 0.5276

Triad

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



38.9398, 0.4333, 0.4942



38.9398, 0.1441, 0.2518



38.9398, 0.3578, 0.2279

Complementary

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



38.9398, 0.4333, 0.4942



3.7746, 0.1514, 0.0649

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.



38.9398, 0.2545, 0.1903



38.9398, 0.4333, 0.4942



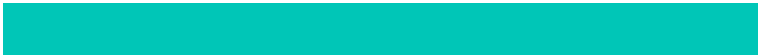
38.9398, 0.1475, 0.1957

Square

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



38.9398, 0.4333, 0.4942



38.9398, 0.1761, 0.3551



38.9398, 0.1833, 0.1782



38.9398, 0.4623, 0.2851

Rectangle

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



38.9398, 0.4333, 0.4942



38.9398, 0.2770, 0.5031



38.9398, 0.1833, 0.1782



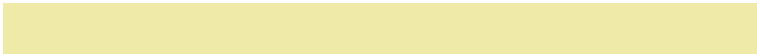
38.9398, 0.3210, 0.2128

Sweetspot

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



38.9419, 0.4333, 0.4942



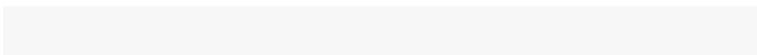
80.2695, 0.3596, 0.3988



10.2257, 0.6309, 0.3249



17.1363, 0.3661, 0.4083



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.



38.9419, 0.4333, 0.4942



70.4344, 0.4335, 0.4940



37.4272, 0.3486, 0.5614



10.3833, 0.3266, 0.3499



26.8849, 0.4331, 0.4943



0.9827, 0.4292, 0.4974

Inverse Universe

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



3.7746, 0.1514, 0.0649



6.7135, 0.1511, 0.0638



5.0246, 0.1872, 0.0805



8.8263, 0.2984, 0.3072



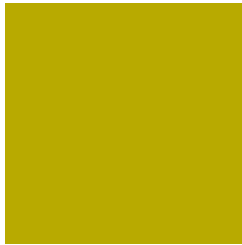
2.6439, 0.1516, 0.0658



0.1304, 0.1578, 0.0882

Previews

White Background



This preview shows how the Yxy color 38.9398, 0.4333, 0.4942 looks on a white background.

Color Contrast Check

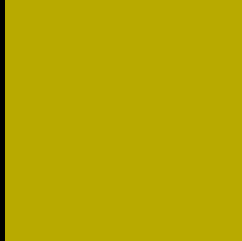
Large Text (above 18pt) WCAG AA × Fail

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 38.9398, 0.4333, 0.4942 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 38.9398, 0.4333, 0.4942

Background



This preview shows how black text looks on a background with the Yxy color 38.9398, 0.4333, 0.4942.



This preview shows how white text looks on a background with the Yxy color 38.9398, 0.4333, 0.4942.

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

38.9398, 0.4333, 0.4942

Protanopia

38.8241, 0.4403, 0.4886

Deuteranopia

38.8552, 0.4683, 0.4583



Tritanopia

38.8253, 0.3369, 0.3134

Trichromacy



Original Color

38.9398, 0.4333, 0.4942

Protanomaly

38.9407, 0.4373, 0.4910

Deuteranomaly

38.7854, 0.4562, 0.4714

Tritanomaly

37.8705, 0.3910, 0.4017

Monochromacy



Original Color

38.9398, 0.4333, 0.4942

Achromatopsia

32.7778, 0.3127, 0.3290

Achromatomaly

34.1495, 0.3749, 0.4191

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.9398, 0.4333, 0.4942 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, 170, 0)` looks like.

```
.text, #text, p{  
    color:rgb(184, 170, 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, 170, 0) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 170, 0) }
```

Border

The CSS property to change the border of an element to Yxy 38.9398, 0.4333, 0.4942 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, 170, 0) }
```

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

```
.border{ border-color:rgb(184, 170, 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, 170, 0) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 170, 0); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 170, 0);  
box-shadow:4px 4px 4px 4px rgb(184, 170,  
0) }
```


Background

The CSS property to change the background color of an element to Yxy 38.9398, 0.4333, 0.4942 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 170, 0) }
```

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

```
.background{ background-color: rgb(184,  
170, 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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