

Converting Colors

$Yxy(40.3374, 0.3887, 0.4431)$

Have a look what the booklet for
Yxy(40.3374, 0.3887, 0.4431)
contains.

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Color

Yxy(40.1921, 0.3889, 0.4423)

Conversions

Conversions Part 1

Format	Color
Hex	B3AD59
RGB	179, 173, 89
RGB Percent	70%, 68%, 35%
CMY	0.2980, 0.3216, 0.6511
CMYK	0.00, 0.03, 0.50, 0.30
HSL	56°, 37%, 53%
HSV	56°, 50%, 70%
XYZ	35.3396, 40.1921, 15.3390
YIQ	165.2180, 30.5400, -24.8520

Conversions

Conversions Part 2

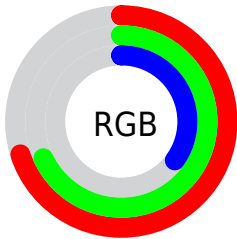
Format	Color
RYB	95, 179, 89
Decimal	11775321
CIELab	69.61, -9.45, 43.53
CIELCh	70, 44.546, 102.254
Yxy	40.1921, 0.3889, 0.4423
Android (android.graphics.Color)	4289965401 (0xFFB3AD59)
YUV	165.2180, -37.5755, 12.0868
Hunter-Lab	63.3972, -11.4437, 30.0328

Details

The Yxy color **40.1921, 0.3889, 0.4423** is a dark color, and the websafe version is hex **999933**. A complement of this color would be **13.5603, 0.2199, 0.1825**, and the grayscale version is **37.9106, 0.3127, 0.3290**.

A 20% lighter version of the original color is **75.2428, 0.3760, 0.4214**, and **18.1063, 0.4060, 0.4738** is the 20% darker color. If you saturate the color by 10%, you get **39.4720, 0.4020, 0.4606**, and if you desaturate by 10%, it is **40.9932, 0.3744, 0.4214**.

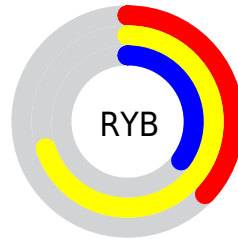
Distribution



Red (70%)

Green (68%)

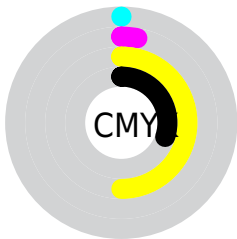
Blue (35%)



Red (37%)

Yellow (70%)

Blue (35%)

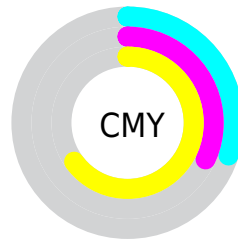


Cyan (0%)

Magenta (3%)

Yellow (50%)

Black (30%)



Cyan (30%)


Magenta (32%)


Yellow (65%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.1921, 0.3889, 0.4423 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 40.1921, 0.3889, 0.4423 by changing the saturation by 10% instead.


 40.1921, 0.3889,
0.4423


 40.1921, 0.3889,
0.4423


346.9326, 0.3522,
0.3848

 27.6884, 0.3970,
0.4562


 75.4559, 0.3762,
0.4216


 18.0909, 0.4064,
0.4735


 98.9848, 0.3712,
0.4137

 11.0152, 0.4171,
0.4952


 126.9576, 0.3669,
0.4070

 6.0771, 0.4301,
0.5246

 159.7585, 0.3632,
0.4013

 2.8920, 0.4399,
0.5601

197.7721, 0.3599,
0.3963

 1.0756, 0.4203,
0.5797

241.3827, 0.3571,

 0.0000, 0.0000,

0.3920

0.0000

290.9747, 0.3545,
0.3882

■ 40.1921, 0.3889,
0.4423

■ 40.1921, 0.3889,
0.4423

■ 39.4720, 0.4020,
0.4606

■ 40.9932, 0.3744,
0.4214

■ 38.8219, 0.4131,
0.4754

■ 41.8745, 0.3590,
0.3989

■ 38.2374, 0.4217,
0.4862

■ 42.8423, 0.3434,
0.3756

■ 37.7114, 0.4277,
0.4926

■ 43.9008, 0.3280,
0.3523

■ 37.2424, 0.4315,
0.4956

■ 45.0538, 0.3132,
0.3297

■ 46.3049, 0.2992,
0.3081

■ 47.6576, 0.2862,
0.2879

■ 49.1150, 0.2742,
0.2692

■ 50.6803, 0.2633,
0.2520

Harmonies

Analogous

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



40.1921, 0.4318, 0.4076



40.1921, 0.3889, 0.4423



40.1921, 0.3281, 0.4450

Triad

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



40.1921, 0.3889, 0.4423



40.1921, 0.1987, 0.2768



40.1921, 0.3527, 0.2677

Complementary

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



40.1921, 0.3889, 0.4423



13.5603, 0.2199, 0.1825

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.



40.1921, 0.2864, 0.2384



40.1921, 0.3889, 0.4423



40.1921, 0.2035, 0.2396

Square

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



40.1921, 0.3889, 0.4423



40.1921, 0.2200, 0.3374



40.1921, 0.2336, 0.2278



40.1921, 0.4123, 0.3105

Rectangle

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



40.1921, 0.3889, 0.4423



40.1921, 0.2859, 0.4222



40.1921, 0.2336, 0.2278



40.1921, 0.3301, 0.2561

Sweetspot

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



40.1940, 0.3889, 0.4423



77.6459, 0.3355, 0.3638



17.5789, 0.4404, 0.3186



17.1157, 0.3388, 0.3686



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

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



40.1940, 0.3889, 0.4423



70.5883, 0.4029, 0.4618



38.6758, 0.3491, 0.4657



9.8074, 0.3265, 0.3500



26.3483, 0.4313, 0.4957



0.8579, 0.4276, 0.4986

Inverse Universe

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



13.5603, 0.2199, 0.1825



17.6750, 0.1985, 0.1472



14.8680, 0.2558, 0.1865



8.3184, 0.2985, 0.3071



2.5220, 0.1515, 0.0652



0.1094, 0.1573, 0.0863

Previews

White Background



This preview shows how the Yxy color 40.1921, 0.3889, 0.4423 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 40.1921, 0.3889, 0.4423 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

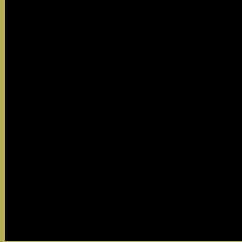
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 40.1921, 0.3889, 0.4423

Background



This preview shows how black text looks on a background with the Yxy color 40.1921, 0.3889, 0.4423.



This preview shows how white text looks on a background with the Yxy color 40.1921, 0.3889, 0.4423.

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

40.1921, 0.3889, 0.4423

Protanopia

40.1454, 0.4006, 0.4361

Deuteranopia

40.0233, 0.4231, 0.4144



Tritanopia

40.0203, 0.3248, 0.3119

Trichromacy



Original Color

40.1921, 0.3889, 0.4423

Protanomaly

40.1447, 0.3969, 0.4385

Deuteranomaly

39.8981, 0.4100, 0.4244

Tritanomaly

39.9653, 0.3505, 0.3604

Monochromacy



Original Color

40.1921, 0.3889, 0.4423

Achromatopsia

37.6262, 0.3127, 0.3290

Achromatomaly

38.3575, 0.3418, 0.3736

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.1921, 0.3889, 0.4423 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(179, 173, 89)` looks like.

```
.text, #text, p{  
    color:rgb(179, 173, 89)  
}
```

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(179, 173, 89) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 173, 89) }
```

Border

The CSS property to change the border of an element to Yxy 40.1921, 0.3889, 0.4423 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(179, 173, 89) }
```

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

```
.border{ border-color:rgb(179, 173, 89) }
```

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

Here you see how a box with a 4 pixel `rgb(179, 173, 89)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 173, 89); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 173, 89);  
box-shadow:4px 4px 4px 4px rgb(179, 173,  
89) }
```


Background

The CSS property to change the background color of an element to Yxy 40.1921, 0.3889, 0.4423 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 173, 89) }
```

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

```
.background{ background-color: rgb(179,  
173, 89) }
```

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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