

Converting Colors

$Yxy(39.8853, 0.3723, 0.4255)$

Have a look what the booklet for
Yxy(39.8853, 0.3723, 0.4255)
contains.

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Color

Yxy(39.8853, 0.3723, 0.4255)

Conversions

Conversions Part 1

Format	Color
Hex	AEAD68
RGB	174, 173, 104
RGB Percent	68%, 68%, 41%
CMY	0.3176, 0.3216, 0.5922
CMYK	0.00, 0.01, 0.40, 0.32
HSL	59°, 30%, 55%
HSV	59°, 40%, 68%
XYZ	34.8985, 39.8853, 18.9537
YIQ	165.4330, 22.7450, -21.2470

Conversions

Conversions Part 2

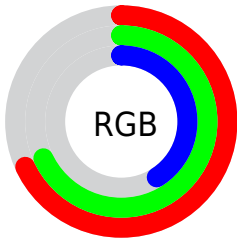
Format	Color
RYB	105, 174, 104
Decimal	11447656
CIELab	69.39, -10.02, 35.55
CIELCh	69, 36.933, 105.734
Yxy	39.8853, 0.3723, 0.4255
Android (android.graphics.Color)	4289637736 (0xFFFAEAD68)
YUV	165.4330, -30.2865, 7.5133
Hunter-Lab	63.1548, -11.8843, 26.4145

Details

The Yxy color **39.8853, 0.3723, 0.4255** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **16.1012, 0.2399, 0.2100**, and the grayscale version is **37.9869, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.8760, 0.3626, 0.4070**, and **17.9436, 0.3868, 0.4544** is the 20% darker color. If you saturate the color by 10%, you get **39.4738, 0.3858, 0.4471**, and if you desaturate by 10%, it is **40.3736, 0.3578, 0.4021**.

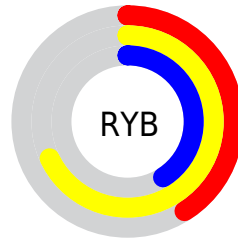
Distribution



Red (68%)

Green (68%)

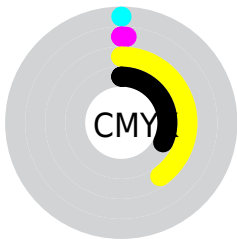
Blue (41%)



Red (41%)

Yellow (68%)

Blue (41%)

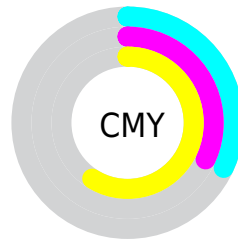


Cyan (0%)

Magenta (1%)

Yellow (40%)

Black (32%)



Cyan (32%)


Magenta (32%)


Yellow (59%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 39.8853, 0.3723, 0.4255 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 39.8853, 0.3723, 0.4255 by changing the saturation by 10% instead.


 39.8853, 0.3723,
0.4255


 39.8853, 0.3723,
0.4255


345.6399, 0.3431,
0.3757


 27.4491, 0.3790,
0.4381


 74.9888, 0.3620,
0.4072

 17.9108, 0.3872,
0.4541


 98.4250, 0.3580,
0.4004

 10.8860, 0.3970,
0.4750


 126.2965, 0.3546,
0.3947

 5.9902, 0.4082,
0.5028

 158.9880, 0.3517,
0.3898

 2.8391, 0.4367,
0.5633

196.8836, 0.3491,
0.3855

 1.0483, 0.4149,
0.5851

240.3679, 0.3469,

 0.0000, 0.0000,

0.3818

0.0000

289.8252, 0.3449,
0.3786

■ 39.8853, 0.3723,
0.4255

■ 39.8853, 0.3723,
0.4255

■ 39.4738, 0.3858,
0.4471

■ 40.3736, 0.3578,
0.4021

■ 39.1291, 0.3976,
0.4660

■ 40.9373, 0.3427,
0.3778

■ 38.8479, 0.4073,
0.4813

■ 41.5822, 0.3277,
0.3534

■ 38.6247, 0.4145,
0.4926

■ 42.3117, 0.3131,
0.3296

■ 38.4526, 0.4192,
0.4996

■ 43.1293, 0.2991,
0.3068

■ 38.3198, 0.4218,
0.5033

■ 44.0380, 0.2860,
0.2855

■ 45.0410, 0.2739,
0.2657

■ 46.1411, 0.2628,
0.2475

■ 46.9751, 0.2559,
0.2362

Harmonies

Analogous

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



39.8853, 0.4099, 0.4008



39.8853, 0.3723, 0.4255



39.8853, 0.3205, 0.4217

Triad

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



39.8853, 0.3723, 0.4255



39.8853, 0.2152, 0.2815



39.8853, 0.3528, 0.2810

Complementary

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



39.8853, 0.3723, 0.4255



16.1012, 0.2399, 0.2100

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.



39.8853, 0.2973, 0.2540



39.8853, 0.3723, 0.4255



39.8853, 0.2219, 0.2517

Square

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



39.8853, 0.3723, 0.4255



39.8853, 0.2315, 0.3303



39.8853, 0.2504, 0.2431



39.8853, 0.3998, 0.3190

Rectangle

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



39.8853, 0.3723, 0.4255



39.8853, 0.2853, 0.4003



39.8853, 0.2504, 0.2431



39.8853, 0.3343, 0.2705

Sweetspot

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



39.8871, 0.3723, 0.4255



75.1774, 0.3306, 0.3582



19.9219, 0.4104, 0.3275



16.6750, 0.3325, 0.3612



89.0005, 0.3127, 0.3290



17.0645, 0.3127, 0.3290

Same Dimension

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



39.8871, 0.3723, 0.4255



71.6927, 0.3840, 0.4443



36.8637, 0.3388, 0.4386



9.3102, 0.3263, 0.3511



27.7995, 0.4218, 0.5033



0.7794, 0.4210, 0.5039

Inverse Universe

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



16.1012, 0.2399, 0.2100



22.7265, 0.2217, 0.1800



18.3446, 0.2751, 0.2190



7.7749, 0.2985, 0.3059



2.2633, 0.1503, 0.0611



0.0688, 0.1517, 0.0662

Previews

White Background



This preview shows how the Yxy color 39.8853, 0.3723, 0.4255 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 39.8853, 0.3723, 0.4255 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

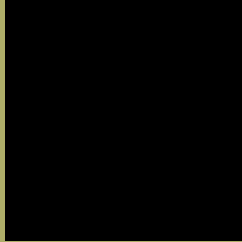
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.8853, 0.3723, 0.4255

Background



This preview shows how black text looks on a background with the Yxy color 39.8853, 0.3723, 0.4255.



This preview shows how white text looks on a background with the Yxy color 39.8853, 0.3723, 0.4255.

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

39.8853, 0.3723, 0.4255

Protanopia

39.6695, 0.3862, 0.4181

Deuteranopia

39.7396, 0.4061, 0.3987



Tritanopia

39.6703, 0.3182, 0.3117

Trichromacy



Original Color

39.8853, 0.3723, 0.4255

Protanomaly

39.5525, 0.3817, 0.4207

Deuteranomaly

39.6505, 0.3935, 0.4081

Tritanomaly

39.4231, 0.3391, 0.3526

Monochromacy



Original Color

39.8853, 0.3723, 0.4255

Achromatopsia

37.6262, 0.3127, 0.3290

Achromatomaly

38.3133, 0.3345, 0.3650

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.8853, 0.3723, 0.4255 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(174, 173, 104)` looks like.

```
.text, #text, p{  
    color:rgb(174, 173, 104)  
}
```

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(174, 173, 104) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 173, 104) }
```

Border

The CSS property to change the border of an element to Yxy 39.8853, 0.3723, 0.4255 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(174, 173, 104) }
```

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

```
.border{ border-color:rgb(174, 173, 104) }
```

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

Here you see how a box with a 4 pixel rgb(174, 173, 104) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 173, 104); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 173, 104);  
box-shadow:4px 4px 4px 4px rgb(174, 173,  
104) }
```


Background

The CSS property to change the background color of an element to Yxy 39.8853, 0.3723, 0.4255 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 173, 104) }
```

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

```
.background{ background-color: rgb(174,  
173, 104) }
```

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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