

Converting Colors

$Yxy(39.1460, 0.3762, 0.4339)$

Have a look what the booklet for
Yxy(39.1460, 0.3762, 0.4339)
contains.

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Color

Yxy(39.1388, 0.3763, 0.4342)

Conversions

Conversions Part 1

Format	Color
Hex	ACAC61
RGB	172, 172, 97
RGB Percent	67%, 67%, 38%
CMY	0.3256, 0.3254, 0.6195
CMYK	0.00, 0.00, 0.44, 0.33
HSL	60°, 31%, 53%
HSV	60°, 44%, 67%
XYZ	33.9197, 39.1388, 17.0815
YIQ	163.4500, 24.0750, -23.3250

Conversions

Conversions Part 2

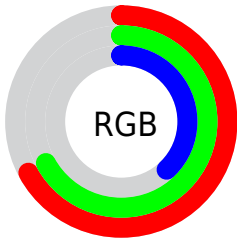
Format	Color
RYB	97, 172, 97
Decimal	11316321
CIELab	68.85, -11.08, 38.43
CIELCh	69, 39.996, 106.088
Yxy	39.1388, 0.3763, 0.4342
Android (android.graphics.Color)	4289506401 (0xFFACAC61)
YUV	163.4500, -32.7598, 7.4984
Hunter-Lab	62.5610, -12.7016, 27.6043

Details

The Yxy color **39.1388, 0.3763, 0.4342** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **14.0779, 0.2327, 0.1966**, and the grayscale version is **36.9994, 0.3127, 0.3290**.

A 20% lighter version of the original color is **73.7661, 0.3659, 0.4139**, and **17.4979, 0.3913, 0.4652** is the 20% darker color. If you saturate the color by 10%, you get **38.8526, 0.3890, 0.4552**, and if you desaturate by 10%, it is **39.4982, 0.3623, 0.4111**.

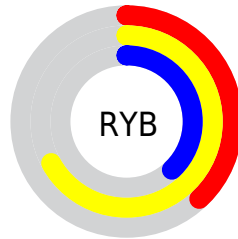
Distribution



Red (67%)

Green (67%)

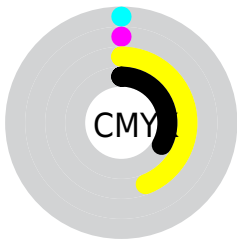
Blue (38%)



Red (38%)

Yellow (67%)

Blue (38%)

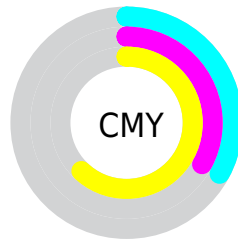


Cyan (0%)

Magenta (0%)

Yellow (44%)

Black (33%)



Cyan (33%)


Magenta (33%)


Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 39.1388, 0.3763, 0.4342 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 39.1388, 0.3763, 0.4342 by changing the saturation by 10% instead.


 39.1388, 0.3763,
0.4342


 39.1388, 0.3763,
0.4342

342.4802, 0.3454,
0.3799


 26.8677, 0.3833,
0.4479


 73.8503, 0.3655,
0.4143


 17.4739, 0.3916,
0.4652


 97.0595, 0.3613,
0.4068

 10.5729, 0.4013,
0.4876


 124.6836, 0.3577,
0.4006

 5.7805, 0.4119,
0.5173

 157.1069, 0.3545,
0.3952

 2.7120, 0.4303,
0.5697

194.7138, 0.3518,
0.3906

 0.9833, 0.4019,
0.5981

237.8887, 0.3494,

 0.0000, 0.0000,

0.3866

0.0000

287.0161, 0.3473,
0.3830

■ 39.1388, 0.3763,
0.4342

■ 39.1388, 0.3763,
0.4342

■ 38.8526, 0.3890,
0.4552

■ 39.4982, 0.3623,
0.4111

■ 38.6296, 0.3998,
0.4731

■ 39.9295, 0.3476,
0.3867

■ 38.4666, 0.4083,
0.4872


■ 40.4383, 0.3326,
0.3619


■ 38.3578, 0.4143,
0.4972


■ 41.0282, 0.3179,
0.3376

■ 38.2960, 0.4178,
0.5030


■ 41.7025, 0.3037,
0.3141

 38.2711, 0.4192,
0.5053

 42.4643, 0.2903,
0.2920

 43.3167, 0.2779,
0.2713

 44.2625, 0.2664,
0.2524

 45.3043, 0.2559,
0.2351

Harmonies

Analogous

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



39.1388, 0.4178, 0.4067



39.1388, 0.3763, 0.4342



39.1388, 0.3199, 0.4306

Triad

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



39.1388, 0.3763, 0.4342



39.1388, 0.2074, 0.2764



39.1388, 0.3569, 0.2774

Complementary

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



39.1388, 0.3763, 0.4342



14.0779, 0.2327, 0.1966

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.



39.1388, 0.2964, 0.2484



39.1388, 0.3763, 0.4342



39.1388, 0.2149, 0.2449

Square

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



39.1388, 0.3763, 0.4342



39.1388, 0.2243, 0.3293



39.1388, 0.2457, 0.2363



39.1388, 0.4082, 0.3182

Rectangle

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



39.1388, 0.3763, 0.4342



39.1388, 0.2819, 0.4068



39.1388, 0.2457, 0.2363



39.1388, 0.3367, 0.2661

Sweetspot

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



39.1406, 0.3763, 0.4342



73.3858, 0.3321, 0.3610



18.1895, 0.4246, 0.3293



15.9024, 0.3353, 0.3664



86.8899, 0.3127, 0.3290



16.2647, 0.3127, 0.3290

Same Dimension

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



39.1406, 0.3763, 0.4342



70.5044, 0.3882, 0.4539



35.4842, 0.3393, 0.4488



9.3300, 0.3263, 0.3514



28.4757, 0.4192, 0.5053



0.7922, 0.4193, 0.5053

Inverse Universe

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



14.0779, 0.2327, 0.1966



19.2421, 0.2129, 0.1638



16.6440, 0.2726, 0.2096



7.7574, 0.2985, 0.3056



2.2171, 0.1500, 0.0600



0.0617, 0.1501, 0.0601

Previews

White Background



This preview shows how the Yxy color 39.1388, 0.3763, 0.4342 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 39.1388, 0.3763, 0.4342 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

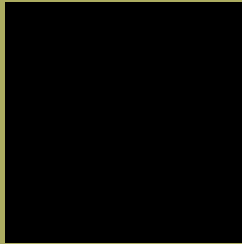
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.1388, 0.3763, 0.4342

Background



This preview shows how black text looks on a background with the Yxy color 39.1388, 0.3763, 0.4342.



This preview shows how white text looks on a background with the Yxy color 39.1388, 0.3763, 0.4342.

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

39.1388, 0.3763, 0.4342

Protanopia

39.0401, 0.3916, 0.4261

Deuteranopia

38.8991, 0.4137, 0.4046



Tritanopia

39.1527, 0.3182, 0.3116

Trichromacy



Original Color

39.1388, 0.3763, 0.4342

Protanomaly

38.9238, 0.3869, 0.4288

Deuteranomaly

38.6582, 0.3997, 0.4147

Tritanomaly

38.8440, 0.3411, 0.3556

Monochromacy



Original Color

39.1388, 0.3763, 0.4342

Achromatopsia

36.6253, 0.3127, 0.3290

Achromatomaly

37.2435, 0.3366, 0.3684

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.1388, 0.3763, 0.4342 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(172, 172, 97)` looks like.

```
.text, #text, p{  
    color:rgb(172, 172, 97)  
}
```

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(172, 172, 97) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 172, 97) }
```

Border

The CSS property to change the border of an element to Yxy 39.1388, 0.3763, 0.4342 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(172, 172, 97) }
```

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

```
.border{ border-color:rgb(172, 172, 97) }
```

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

Here you see how a box with a 4 pixel `rgb(172, 172, 97)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 172, 97); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 172, 97);  
box-shadow:4px 4px 4px 4px rgb(172, 172,  
97) }
```


Background

The CSS property to change the background color of an element to Yxy 39.1388, 0.3763, 0.4342 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 172, 97) }
```

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

```
.background{ background-color: rgb(172,  
172, 97) }
```

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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