

Converting Colors

$Yxy(35.8041, 0.3873, 0.4040)$

Have a look what the booklet for
Yxy(35.8041, 0.3873, 0.4040)
contains.

Yxy(35.7613, 0.3870, 0.4043)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(35.7613, 0.3870, 0.4043)

Conversions

Conversions Part 1

Format	Color
Hex	B69F69
RGB	182, 159, 105
RGB Percent	71%, 62%, 41%
CMY	0.2864, 0.3764, 0.5883
CMYK	0.00, 0.13, 0.42, 0.29
HSL	42°, 35%, 56%
HSV	42°, 42%, 71%
XYZ	34.2311, 35.7613, 18.4600
YIQ	159.7210, 31.0420, -11.9180

Conversions

Conversions Part 2

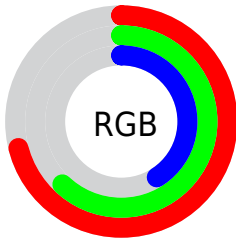
Format	Color
RYB	138, 182, 105
Decimal	11968361
CIELab	66.34, 0.84, 31.27
CIELCh	66, 31.279, 88.467
Yxy	35.7613, 0.3870, 0.4043
Android (android.graphics.Color)	4290158441 (0xFFB69F69)
YUV	159.7210, -26.9775, 19.5387
Hunter-Lab	59.8008, -2.4746, 23.5582

Details

The Yxy color **35.7613, 0.3870, 0.4043** is a dark color, and the websafe version is hex **999966**. A complement of this color would be **21.7969, 0.2413, 0.2394**, and the grayscale version is **35.1330, 0.3127, 0.3290**.

A 20% lighter version of the original color is **68.8782, 0.3727, 0.3906**, and **15.5326, 0.4073, 0.4259** is the 20% darker color. If you saturate the color by 10%, you get **33.6036, 0.4069, 0.4209**, and if you desaturate by 10%, it is **38.0842, 0.3676, 0.3865**.

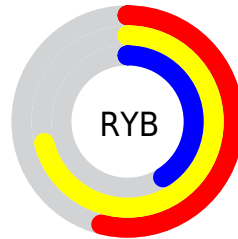
Distribution



Red (71%)

Green (62%)

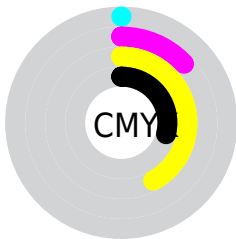
Blue (41%)



Red (54%)

Yellow (71%)

Blue (41%)

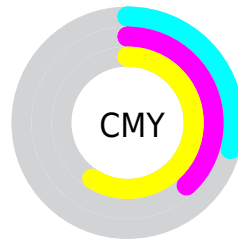


Cyan (0%)

Magenta (13%)

Yellow (42%)

Black (29%)



Cyan (29%)


Magenta (38%)


Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 35.7613, 0.3870, 0.4043 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 35.7613, 0.3870, 0.4043 by changing the saturation by 10% instead.


 35.7613, 0.3870,
0.4043


 35.7613, 0.3870,
0.4043


327.9160, 0.3489,
0.3658

 24.2499, 0.3965,
0.4139


 68.6635, 0.3730,
0.3903


 15.5191, 0.4087,
0.4260


 90.8230, 0.3678,
0.3850

 9.1845, 0.4243,
0.4415


 117.3008, 0.3634,
0.3805

 4.8617, 0.4447,
0.4615

 148.4811, 0.3597,
0.3767

 2.1664, 0.4918,
0.5082

184.7484, 0.3564,
0.3734

 0.7016, 0.4948,
0.5052

226.4871, 0.3536,

 0.0000, 0.0000,

0.3706

0.0000

274.0815, 0.3511,
0.3680

■ 35.7613, 0.3870,
0.4043

■ 35.7613, 0.3870,
0.4043

■ 33.6036, 0.4069,
0.4209

■ 38.0842, 0.3676,
0.3865

■ 31.5999, 0.4265,
0.4353

■ 40.5730, 0.3491,
0.3682

■ 29.7450, 0.4450,
0.4464

■ 43.2347, 0.3319,
0.3502

■ 28.0314, 0.4613,
0.4532

■ 46.0744, 0.3161,
0.3329

■ 26.4500, 0.4749,
0.4551

■ 49.0967, 0.3018,
0.3165

■ 25.3093, 0.4838,
0.4541

■ 52.3062, 0.2890,
0.3012

■ 55.7073, 0.2775,
0.2870

■ 59.3040, 0.2672,
0.2740

■ 62.1829, 0.2654,
0.2758

Harmonies

Analogous

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



35.7613, 0.4073, 0.3743



35.7613, 0.3870, 0.4043



35.7613, 0.3473, 0.4156

Triad

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



35.7613, 0.3870, 0.4043



35.7613, 0.2321, 0.3110



35.7613, 0.3200, 0.2709

Complementary

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



35.7613, 0.3870, 0.4043



21.7969, 0.2413, 0.2394

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.



35.7613, 0.2738, 0.2546



35.7613, 0.3870, 0.4043



35.7613, 0.2260, 0.2740

Square

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



35.7613, 0.3870, 0.4043



35.7613, 0.2583, 0.3584



35.7613, 0.2406, 0.2550



35.7613, 0.3674, 0.3001

Rectangle

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



35.7613, 0.3870, 0.4043



35.7613, 0.3158, 0.4078



35.7613, 0.2406, 0.2550



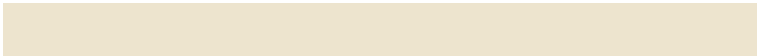
35.7613, 0.3037, 0.2638

Sweetspot

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



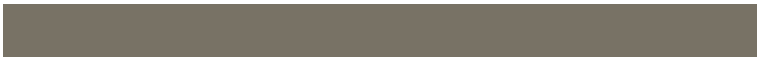
35.7630, 0.3870, 0.4043



77.9689, 0.3334, 0.3518



21.6015, 0.3869, 0.2961



16.9809, 0.3371, 0.3558



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.



35.7630, 0.3870, 0.4043



61.1208, 0.4060, 0.4202



42.6252, 0.3602, 0.4373



10.0392, 0.3271, 0.3450



18.0029, 0.4829, 0.4548



0.7371, 0.4629, 0.4706

Inverse Universe

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



21.7969, 0.2413, 0.2394



32.3856, 0.2240, 0.2146



17.4973, 0.2497, 0.2052



9.1441, 0.2985, 0.3125



4.3666, 0.1615, 0.1014



0.2655, 0.1766, 0.1559

Previews

White Background



This preview shows how the Yxy color 35.7613, 0.3870, 0.4043 looks on a white background.

Color Contrast Check

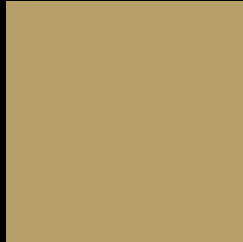
Large Text (above 18pt) WCAG AA × Fail

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 35.7613, 0.3870, 0.4043 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

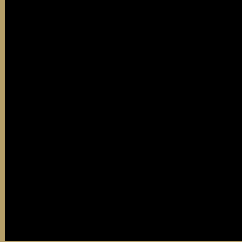
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 35.7613, 0.3870, 0.4043

Background



This preview shows how black text looks on a background with the Yxy color 35.7613, 0.3870, 0.4043.



This preview shows how white text looks on a background with the Yxy color 35.7613, 0.3870, 0.4043.

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

35.7613, 0.3870, 0.4043

Protanopia

35.6443, 0.3777, 0.4076

Deuteranopia

35.6211, 0.4017, 0.3931



Tritanopia

35.8282, 0.3377, 0.3129

Trichromacy



Original Color

35.7613, 0.3870, 0.4043

Protanomaly

35.6472, 0.3814, 0.4054

Deuteranomaly

35.7647, 0.3963, 0.3967

Tritanomaly

35.8650, 0.3559, 0.3457

Monochromacy



Original Color

35.7613, 0.3870, 0.4043

Achromatopsia

35.1533, 0.3127, 0.3290

Achromatomaly

35.3599, 0.3390, 0.3583

CSS Examples

Text

The CSS property to change the color of the text to Yxy 35.7613, 0.3870, 0.4043 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(182, 159, 105)` looks like.

```
.text, #text, p{  
    color:rgb(182, 159, 105)  
}
```

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(182, 159, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 159, 105) }
```

Border

The CSS property to change the border of an element to Yxy 35.7613, 0.3870, 0.4043 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(182, 159, 105) }
```

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

```
.border{ border-color:rgb(182, 159, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 159, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 159, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 159, 105);  
box-shadow:4px 4px 4px 4px rgb(182, 159,  
105) }
```


Background

The CSS property to change the background color of an element to Yxy 35.7613, 0.3870, 0.4043 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 159, 105) }
```

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

```
.background{ background-color: rgb(182,  
159, 105) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor