

Converting Colors

$Yxy(39.5263, 0.3656, 0.3957)$

Have a look what the booklet for
Yxy(39.5263, 0.3656, 0.3957)
contains.

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Color

Yxy(39.4597, 0.3657, 0.3958)

Conversions

Conversions Part 1

Format	Color
Hex	B4A979
RGB	180, 169, 121
RGB Percent	71%, 66%, 47%
CMY	0.2942, 0.3372, 0.5256
CMYK	0.00, 0.06, 0.33, 0.29
HSL	49°, 28%, 59%
HSV	49°, 33%, 71%
XYZ	36.4588, 39.4597, 23.7775
YIQ	166.8170, 21.9640, -12.5960

Conversions

Conversions Part 2

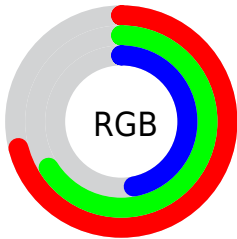
Format	Color
RYB	135, 180, 121
Decimal	11839865
CIELab	69.08, -3.44, 26.26
CIElCh	69, 26.481, 97.470
Yxy	39.4597, 0.3657, 0.3958
Android (android.graphics.Color)	4290029945 (0xFFB4A979)
YUV	166.8170, -22.5878, 11.5615
Hunter-Lab	62.8170, -6.3286, 21.5294

Details

The Yxy color **39.4597, 0.3657, 0.3958** is a light color, and the websafe version is hex **999966**. A complement of this color would be **23.8508, 0.2573, 0.2518**, and the grayscale version is **38.6534, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.3718, 0.3562, 0.3827**, and **17.6261, 0.3802, 0.4153** is the 20% darker color. If you saturate the color by 10%, you get **37.8299, 0.3830, 0.4159**, and if you desaturate by 10%, it is **41.2074, 0.3486, 0.3751**.

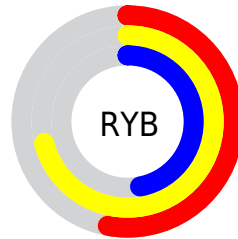
Distribution



Red (71%)

Green (66%)

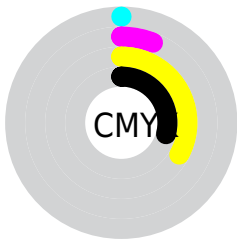
Blue (47%)



Red (53%)

Yellow (71%)

Blue (47%)

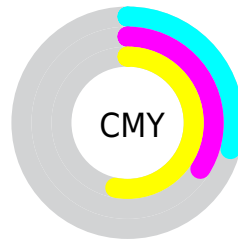


Cyan (0%)

Magenta (6%)

Yellow (33%)

Black (29%)



Cyan (29%)


Magenta (34%)


Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.4597, 0.3657, 0.3958 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 39.4597, 0.3657, 0.3958 by changing the saturation by 10% instead.


 39.4597, 0.3657,
0.3958


 39.4597, 0.3657,
0.3958


343.8410, 0.3389,
0.3615

 27.1175, 0.3723,
0.4045


 74.3401, 0.3560,
0.3832

 17.6615, 0.3808,
0.4157


 97.6470, 0.3523,
0.3785

 10.7072, 0.3918,
0.4306


 125.3777, 0.3492,
0.3745

 5.8703, 0.4063,
0.4511

157.9166, 0.3466,
0.3712

 2.7664, 0.4316,
0.4866

195.6479, 0.3443,
0.3682

 1.0110, 0.4631,
0.5369

238.9562, 0.3423,

 0.0000, 0.0000,

0.3657

0.0000

288.2257, 0.3405,
0.3635

■ 39.4597, 0.3657,
0.3958

■ 39.4597, 0.3657,
0.3958

■ 37.8299, 0.3830,
0.4159

■ 41.2074, 0.3486,
0.3751

■ 36.3078, 0.4000,
0.4344

■ 43.0721, 0.3322,
0.3544

■ 34.8900, 0.4160,
0.4504

■ 45.0597, 0.3168,
0.3344

■ 33.5704, 0.4303,
0.4630

■ 47.1743, 0.3025,
0.3154

■ 32.3425, 0.4421,
0.4713

■ 49.4194, 0.2894,
0.2975

■ 31.1983, 0.4512,
0.4751

■ 51.7988, 0.2776,
0.2809

■ 30.4130, 0.4564,
0.4758

■ 54.3156, 0.2668,
0.2657

■ 56.3141, 0.2626,
0.2615

■ 57.8401, 0.2631,
0.2654

Harmonies

Analogous

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



39.4597, 0.3876, 0.3757



39.4597, 0.3657, 0.3958



39.4597, 0.3302, 0.3976

Triad

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



39.4597, 0.3657, 0.3958



39.4597, 0.2424, 0.3044



39.4597, 0.3311, 0.2870

Complementary

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



39.4597, 0.3657, 0.3958



23.8508, 0.2573, 0.2518

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.



39.4597, 0.2916, 0.2697



39.4597, 0.3657, 0.3958



39.4597, 0.2425, 0.2775

Square

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



39.4597, 0.3657, 0.3958



39.4597, 0.2598, 0.3415



39.4597, 0.2598, 0.2658



39.4597, 0.3674, 0.3141

Rectangle

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



39.4597, 0.3657, 0.3958



39.4597, 0.3041, 0.3863



39.4597, 0.2598, 0.2658



39.4597, 0.3177, 0.2799

Sweetspot

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



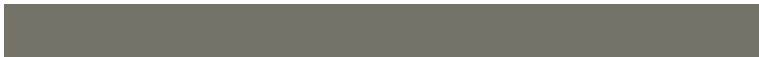
39.4615, 0.3657, 0.3958



79.0284, 0.3281, 0.3491



25.0598, 0.3720, 0.3120



16.9752, 0.3303, 0.3519



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.



39.4615, 0.3657, 0.3958



69.5025, 0.3776, 0.4097



41.7302, 0.3446, 0.4141



9.6324, 0.3268, 0.3474



21.3203, 0.4559, 0.4762



0.7404, 0.4440, 0.4856

Inverse Universe

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



23.8508, 0.2573, 0.2518



37.0117, 0.2441, 0.2324



22.4269, 0.2723, 0.2380



8.4776, 0.2985, 0.3099



3.1530, 0.1554, 0.0793



0.1754, 0.1687, 0.1273

Previews

White Background



This preview shows how the Yxy color 39.4597, 0.3657, 0.3958 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 39.4597, 0.3657, 0.3958 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

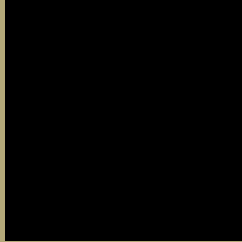
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.4597, 0.3657, 0.3958

Background



This preview shows how black text looks on a background with the Yxy color 39.4597, 0.3657, 0.3958.



This preview shows how white text looks on a background with the Yxy color 39.4597, 0.3657, 0.3958.

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

39.4597, 0.3657, 0.3958

Protanopia

39.3308, 0.3681, 0.3940

Deuteranopia

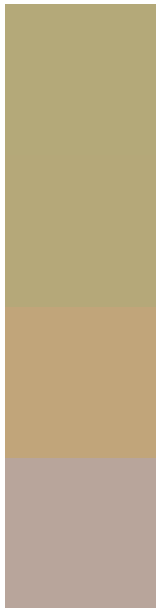
39.5501, 0.3872, 0.3799



Tritanopia

39.3749, 0.3239, 0.3118

Trichromacy



Original Color

39.4597, 0.3657, 0.3958

Protanomaly

39.2095, 0.3671, 0.3943

Deuteranomaly

39.6529, 0.3796, 0.3864

Tritanomaly

39.4672, 0.3398, 0.3427

Monochromacy



Original Color

39.4597, 0.3657, 0.3958

Achromatopsia

38.6429, 0.3127, 0.3290

Achromatomaly

38.9779, 0.3322, 0.3545

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.4597, 0.3657, 0.3958 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(180, 169, 121)` looks like.

```
.text, #text, p{  
    color:rgb(180, 169, 121)  
}
```

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(180, 169, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 169, 121) }
```

Border

The CSS property to change the border of an element to Yxy 39.4597, 0.3657, 0.3958 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(180, 169, 121) }
```

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

```
.border{ border-color:rgb(180, 169, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 169, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 169, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 169, 121);  
box-shadow:4px 4px 4px 4px rgb(180, 169,  
121) }
```


Background

The CSS property to change the background color of an element to Yxy 39.4597, 0.3657, 0.3958 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 169, 121) }
```

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

```
.background{ background-color: rgb(180,  
169, 121) }
```

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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