

Converting Colors

$Yxy(39.9537, 0.3663, 0.3968)$

Have a look what the booklet for
Yxy(39.9537, 0.3663, 0.3968)
contains.

Yxy(39.9537, 0.3663, 0.3968)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(39.9537, 0.3663, 0.3968)

Conversions

Conversions Part 1

Format	Color
Hex	B5AA79
RGB	181, 170, 121
RGB Percent	71%, 67%, 47%
CMY	0.2902, 0.3333, 0.5255
CMYK	0.00, 0.06, 0.33, 0.29
HSL	49°, 29%, 59%
HSV	49°, 33%, 71%
XYZ	36.8827, 39.9537, 23.8534
YIQ	167.7030, 22.2850, -12.9070

Conversions

Conversions Part 2

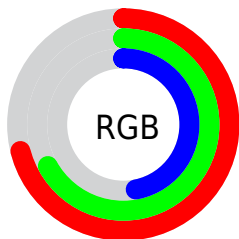
Format	Color
RYB	134, 181, 121
Decimal	11905657
CIELab	69.44, -3.56, 26.74
CIELCh	69, 26.974, 97.594
Yxy	39.9537, 0.3663, 0.3968
Android (android.graphics.Color)	4290095737 (0xFFB5AA79)
YUV	167.7030, -23.0246, 11.6615
Hunter-Lab	63.2089, -6.4602, 21.8718

Details

The Yxy color **39.9537, 0.3663, 0.3968** is a light color, and the websafe version is hex **999966**. A complement of this color would be **23.9017, 0.2565, 0.2505**, and the grayscale version is **39.1123, 0.3127, 0.3290**.

A 20% lighter version of the original color is **75.0836, 0.3567, 0.3835**, and **17.9368, 0.3808, 0.4165** is the 20% darker color. If you saturate the color by 10%, you get **38.3236, 0.3836, 0.4169**, and if you desaturate by 10%, it is **41.7021, 0.3492, 0.3760**.

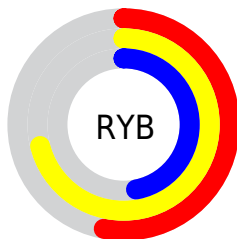
Distribution



Red (71%)

Green (67%)

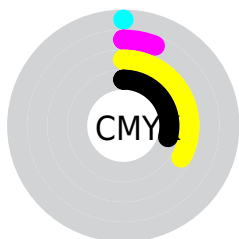
Blue (47%)



Red (53%)

Yellow (71%)

Blue (47%)

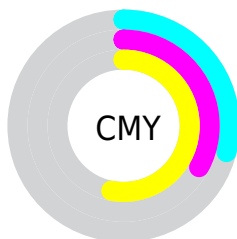


Cyan (0%)

Magenta (6%)

Yellow (33%)

Black (29%)



Cyan (29%)


Magenta (33%)


Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.9537, 0.3663, 0.3968 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 39.9537, 0.3663, 0.3968 by changing the saturation by 10% instead.


 39.9537, 0.3663,
0.3968


 39.9537, 0.3663,
0.3968


345.9284, 0.3393,
0.3621

 27.5024, 0.3730,
0.4056


 75.0930, 0.3565,
0.3840

 17.9509, 0.3814,
0.4169


 98.5498, 0.3528,
0.3793

 10.9148, 0.3924,
0.4319


 126.4440, 0.3497,
0.3753

 6.0095, 0.4069,
0.4523

159.1599, 0.3470,
0.3719

 2.8509, 0.4316,
0.4874

197.0819, 0.3447,
0.3689

 1.0544, 0.4626,
0.5374

240.5943, 0.3427,

 0.0000, 0.0000,

0.3663

0.0000

290.0817, 0.3409,
0.3641

■ 39.9537, 0.3663,
0.3968

■ 39.9537, 0.3663,
0.3968

■ 38.3236, 0.3836,
0.4169

■ 41.7021, 0.3492,
0.3760

■ 36.8016, 0.4005,
0.4354

■ 43.5680, 0.3328,
0.3553

■ 35.3840, 0.4164,
0.4514


■ 45.5574, 0.3174,
0.3352

■ 34.0650, 0.4304,
0.4638


■ 47.6743, 0.3030,
0.3160

■ 32.8376, 0.4421,
0.4720

■ 49.9225, 0.2899,
0.2980

 31.6938, 0.4509,
0.4756

 52.3054, 0.2780,
0.2813

 30.9479, 0.4558,
0.4763

 54.8267, 0.2672,
0.2660

 56.7745, 0.2634,
0.2625

 58.2939, 0.2638,
0.2664

Harmonies

Analogous

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



39.9537, 0.3886, 0.3764



39.9537, 0.3663, 0.3968



39.9537, 0.3303, 0.3986

Triad

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



39.9537, 0.3663, 0.3968



39.9537, 0.2414, 0.3039



39.9537, 0.3315, 0.2865

Complementary

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



39.9537, 0.3663, 0.3968



23.9017, 0.2565, 0.2505

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.



39.9537, 0.2914, 0.2689



39.9537, 0.3663, 0.3968



39.9537, 0.2416, 0.2767

Square

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



39.9537, 0.3663, 0.3968



39.9537, 0.2589, 0.3415



39.9537, 0.2592, 0.2650



39.9537, 0.3683, 0.3140

Rectangle

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



39.9537, 0.3663, 0.3968



39.9537, 0.3038, 0.3871



39.9537, 0.2592, 0.2650



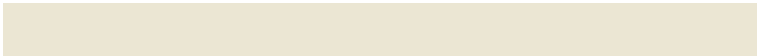
39.9537, 0.3179, 0.2793

Sweetspot

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



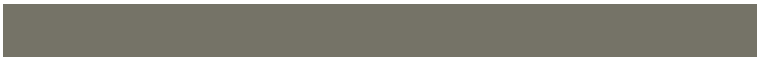
39.9555, 0.3663, 0.3968



79.0643, 0.3281, 0.3492



25.1903, 0.3730, 0.3118



16.9840, 0.3303, 0.3520



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.



39.9555, 0.3663, 0.3968



69.3395, 0.3793, 0.4120



42.2177, 0.3450, 0.4152



9.6364, 0.3268, 0.3475



21.4263, 0.4553, 0.4767



0.7430, 0.4436, 0.4859

Inverse Universe

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



23.9017, 0.2565, 0.2505



36.0587, 0.2421, 0.2291



22.4974, 0.2718, 0.2368



8.4739, 0.2985, 0.3098



3.1329, 0.1553, 0.0789



0.1739, 0.1685, 0.1264

Previews

White Background



This preview shows how the Yxy color 39.9537, 0.3663, 0.3968 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 39.9537, 0.3663, 0.3968 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

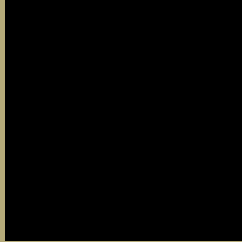
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.9537, 0.3663, 0.3968

Background



This preview shows how black text looks on a background with the Yxy color 39.9537, 0.3663, 0.3968.



This preview shows how white text looks on a background with the Yxy color 39.9537, 0.3663, 0.3968.

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

39.9537, 0.3663, 0.3968

Protanopia

39.8237, 0.3687, 0.3950

Deuteranopia

39.6882, 0.3882, 0.3797



Tritanopia

39.8938, 0.3239, 0.3119

Trichromacy



Original Color

39.9537, 0.3663, 0.3968

Protanomaly

39.7015, 0.3677, 0.3953

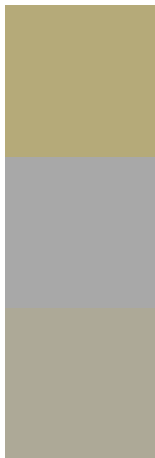
Deuteranomaly

39.7847, 0.3806, 0.3862

Tritanomaly

39.9870, 0.3397, 0.3426

Monochromacy



Original Color

39.9537, 0.3663, 0.3968

Achromatopsia

39.1572, 0.3127, 0.3290

Achromatomaly

39.4945, 0.3320, 0.3544

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.9537, 0.3663, 0.3968 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(181, 170, 121)` looks like.

```
.text, #text, p{  
    color:rgb(181, 170, 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(181, 170, 121) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 170, 121) }
```

Border

The CSS property to change the border of an element to Yxy 39.9537, 0.3663, 0.3968 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(181, 170, 121) }
```

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

```
.border{ border-color:rgb(181, 170, 121) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 170, 121)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 170, 121); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 170, 121);  
box-shadow:4px 4px 4px 4px rgb(181, 170,  
121) }
```


Background

The CSS property to change the background color of an element to Yxy 39.9537, 0.3663, 0.3968 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 170, 121) }
```

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

```
.background{ background-color: rgb(181,  
170, 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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