

Converting Colors

$Yxy(39.6694, 0.3622, 0.3859)$

Have a look what the booklet for
Yxy(39.6694, 0.3622, 0.3859)
contains.

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Color

Yxy(39.4827, 0.3627, 0.3858)

Conversions

Conversions Part 1

Format	Color
Hex	B6A87F
RGB	182, 168, 127
RGB Percent	71%, 66%, 50%
CMY	0.2864, 0.3411, 0.5020
CMYK	0.00, 0.08, 0.30, 0.29
HSL	45°, 27%, 61%
HSV	45°, 30%, 71%
XYZ	37.1187, 39.4827, 25.7385
YIQ	167.5120, 21.5050, -9.7830

Conversions

Conversions Part 2

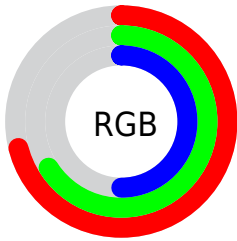
Format	Color
RYB	146, 182, 127
Decimal	11970687
CIELab	69.10, -1.34, 23.06
CIElCh	69, 23.100, 93.315
Yxy	39.4827, 0.3627, 0.3858
Android (android.graphics.Color)	4290160767 (0xFFB6A87F)
YUV	167.5120, -19.9724, 12.7060
Hunter-Lab	62.8353, -4.5165, 19.6984

Details

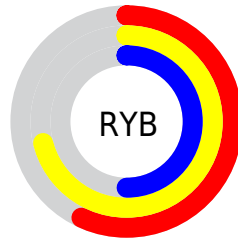
The Yxy color **39.4827, 0.3627, 0.3858** is a light color, and the websafe version is hex **999966**. A complement of this color would be **26.9195, 0.2627, 0.2648**, and the grayscale version is **38.9968, 0.3127, 0.3290**.

A 20% lighter version of the original color is **74.4214, 0.3538, 0.3749**, and **17.6300, 0.3764, 0.4017** is the 20% darker color. If you saturate the color by 10%, you get **37.3769, 0.3812, 0.4047**, and if you desaturate by 10%, it is **41.7383, 0.3450, 0.3665**.

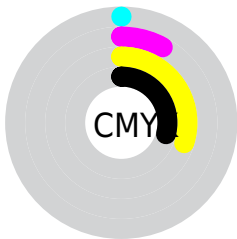
Distribution



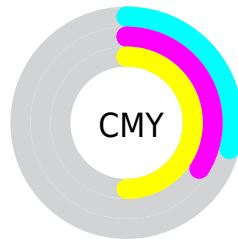
- Red (71%)
- Green (66%)
- Blue (50%)



- Red (57%)
- Yellow (71%)
- Blue (50%)



- Cyan (0%)
- Magenta (8%)
- Yellow (30%)
- Black (29%)





- Cyan (29%)
- Magenta (34%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 39.4827, 0.3627, 0.3858 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 39.4827, 0.3627, 0.3858 by changing the saturation by 10% instead.


 39.4827, 0.3627,
0.3858


 39.4827, 0.3627,
0.3858


343.9384, 0.3373,
0.3567

 27.1354, 0.3691,
0.3932


 74.3751, 0.3534,
0.3751

 17.6750, 0.3773,
0.4027

 97.6891, 0.3499,
0.3711

 10.7169, 0.3882,
0.4154


 125.4275, 0.3470,
0.3678

 5.8768, 0.4030,
0.4329

157.9745, 0.3445,
0.3649

 2.7703, 0.4256,
0.4599

195.7148, 0.3423,
0.3624

 1.0130, 0.4780,
0.5220

239.0326, 0.3404,

 0.0000, 0.0000,

0.3603

0.0000

288.3123, 0.3387,
0.3584

■ 39.4827, 0.3627,
0.3858

■ 39.4827, 0.3627,
0.3858

■ 37.3769, 0.3812,
0.4047

■ 41.7383, 0.3450,
0.3665

■ 35.4104, 0.3999,
0.4226

■ 44.1433, 0.3284,
0.3476

■ 33.5792, 0.4183,
0.4383

■ 46.7040, 0.3130,
0.3294

■ 31.8770, 0.4354,
0.4508

■ 49.4247, 0.2990,
0.3122

■ 30.2970, 0.4505,
0.4593

■ 52.3096, 0.2864,
0.2961

■ 28.8307, 0.4628,
0.4631

■ 55.3627, 0.2750,
0.2813

■ 27.4904, 0.4726,
0.4630

■ 58.5876, 0.2648,
0.2677

■ 60.8047, 0.2651,
0.2724

■ 63.0463, 0.2656,
0.2778

Harmonies

Analogous

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



39.4827, 0.3793, 0.3671



39.4827, 0.3627, 0.3858



39.4827, 0.3330, 0.3894

Triad

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



39.4827, 0.3627, 0.3858



39.4827, 0.2522, 0.3121



39.4827, 0.3240, 0.2893

Complementary

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



39.4827, 0.3627, 0.3858



26.9195, 0.2627, 0.2648

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.



39.4827, 0.2899, 0.2755



39.4827, 0.3627, 0.3858



39.4827, 0.2500, 0.2867

Square

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



39.4827, 0.3627, 0.3858



39.4827, 0.2696, 0.3447



39.4827, 0.2634, 0.2741



39.4827, 0.3566, 0.3124

Rectangle

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



39.4827, 0.3627, 0.3858



39.4827, 0.3102, 0.3812



39.4827, 0.2634, 0.2741



39.4827, 0.3123, 0.2835

Sweetspot

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



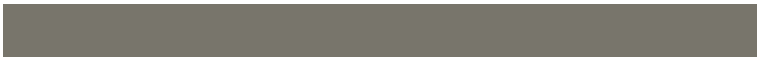
39.4845, 0.3627, 0.3858



80.5415, 0.3267, 0.3456



27.0593, 0.3614, 0.3082



17.6443, 0.3290, 0.3483



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.



39.4845, 0.3627, 0.3858



69.1378, 0.3745, 0.3980



43.4258, 0.3457, 0.4063



10.1070, 0.3270, 0.3460



19.5312, 0.4718, 0.4636



0.7814, 0.4556, 0.4765

Inverse Universe

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



26.9195, 0.2627, 0.2648



42.8339, 0.2510, 0.2486



24.1112, 0.2725, 0.2450



9.0801, 0.2985, 0.3114



3.8675, 0.1588, 0.0916



0.2386, 0.1733, 0.1439

Previews

White Background



This preview shows how the Yxy color 39.4827, 0.3627, 0.3858 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 39.4827, 0.3627, 0.3858 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

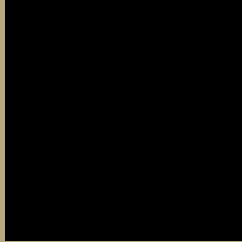
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 39.4827, 0.3627, 0.3858

Background



This preview shows how black text looks on a background with the Yxy color 39.4827, 0.3627, 0.3858.



This preview shows how white text looks on a background with the Yxy color 39.4827, 0.3627, 0.3858.

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

39.4827, 0.3627, 0.3858

Protanopia

39.3613, 0.3617, 0.3860

Deuteranopia

39.4049, 0.3804, 0.3738



Tritanopia

39.5880, 0.3267, 0.3132

Trichromacy



Original Color

39.4827, 0.3627, 0.3858

Protanomaly

39.3613, 0.3617, 0.3860

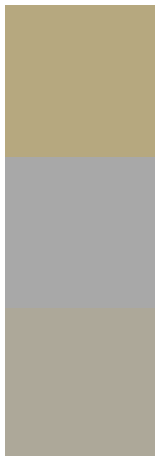
Deuteranomaly

39.3159, 0.3735, 0.3774

Tritanomaly

39.4243, 0.3401, 0.3385

Monochromacy



Original Color

39.4827, 0.3627, 0.3858

Achromatopsia

39.1572, 0.3127, 0.3290

Achromatomaly

39.1894, 0.3304, 0.3501

CSS Examples

Text

The CSS property to change the color of the text to Yxy 39.4827, 0.3627, 0.3858 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, 168, 127)` looks like.

```
.text, #text, p{  
    color:rgb(182, 168, 127)  
}
```

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, 168, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 168, 127) }
```

Border

The CSS property to change the border of an element to Yxy 39.4827, 0.3627, 0.3858 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, 168, 127) }
```

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

```
.border{ border-color:rgb(182, 168, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 168, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 168, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 168, 127);  
box-shadow:4px 4px 4px 4px rgb(182, 168,  
127) }
```


Background

The CSS property to change the background color of an element to Yxy 39.4827, 0.3627, 0.3858 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 168, 127) }
```

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

```
.background{ background-color: rgb(182,  
168, 127) }
```

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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