

Converting Colors

$Yxy(42.2935, 0.3580, 0.3884)$

Have a look what the booklet for
Yxy(42.2935, 0.3580, 0.3884)
contains.

Yxy(42.3659, 0.3577, 0.3890)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(42.3659, 0.3577, 0.3890)

Conversions

Conversions Part 1

Format	Color
Hex	B7AF83
RGB	183, 175, 131
RGB Percent	72%, 69%, 51%
CMY	0.2823, 0.3137, 0.4864
CMYK	0.00, 0.04, 0.28, 0.28
HSL	51°, 27%, 62%
HSV	51°, 28%, 72%
XYZ	38.9570, 42.3659, 27.5868
YIQ	172.3760, 18.8920, -11.9880

Conversions

Conversions Part 2

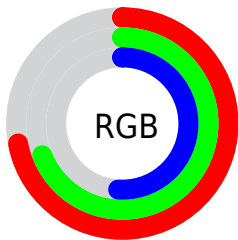
Format	Color
RYB	140, 183, 131
Decimal	12038019
CIELab	71.12, -4.12, 23.66
CIELCh	71, 24.013, 99.877
Yxy	42.3659, 0.3577, 0.3890
Android (android.graphics.Color)	4290228099 (0xFFB7AF83)
YUV	172.3760, -20.3984, 9.3172
Hunter-Lab	65.0891, -7.0704, 20.4334

Details

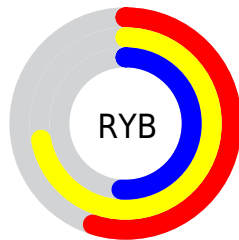
The Yxy color $42.3659, 0.3577, 0.3890$ is a light color, and the websafe version is hex 999966 . A complement of this color would be $26.7059, 0.2651, 0.2609$, and the grayscale version is $41.5547, 0.3127, 0.3290$.

A 20% lighter version of the original color is $78.4050, 0.3494, 0.3777$, and $19.4271, 0.3698, 0.4077$ is the 20% darker color. If you saturate the color by 10%, you get $40.8284, 0.3745, 0.4101$, and if you desaturate by 10%, it is $44.0178, 0.3412, 0.3675$.

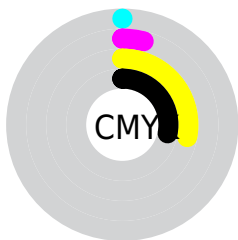
Distribution



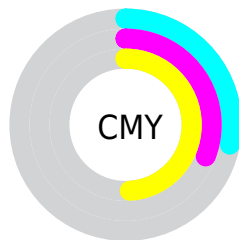
- Red (72%)
- Green (69%)
- Blue (51%)



- Red (55%)
- Yellow (72%)
- Blue (51%)



- Cyan (0%)
- Magenta (4%)
- Yellow (28%)
- Black (28%)





- Cyan (28%)
- Magenta (31%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 42.3659, 0.3577, 0.3890 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 42.3659, 0.3577, 0.3890 by changing the saturation by 10% instead.


 42.3659, 0.3577,
0.3890


 42.3659, 0.3577,
0.3890


355.9975, 0.3352,
0.3584


 29.3879, 0.3632,
0.3967


 78.7531, 0.3496,
0.3778

 19.3745, 0.3703,
0.4067


 102.9311, 0.3465,
0.3736

 11.9412, 0.3795,
0.4200


 131.6112, 0.3439,
0.3701

 6.7036, 0.3918,
0.4383

165.1779, 0.3416,
0.3671

 3.2775, 0.4086,
0.4649

204.0154, 0.3397,
0.3645

 1.2782, 0.4605,
0.5395

248.5083, 0.3380,

 0.1243, 0.1238,

0.3622

0.8762

299.0408, 0.3365,
0.3602

0.0000, 0.0000,
0.0000

42.3659, 0.3577,
0.3890

42.3659, 0.3577,
0.3890

40.8284, 0.3745,
0.4101

44.0178, 0.3412,
0.3675

39.3948, 0.3911,
0.4300

45.7828, 0.3253,
0.3463

38.0619, 0.4067,
0.4477

47.6669, 0.3105,
0.3259

36.8240, 0.4208,
0.4623

49.6740, 0.2967,
0.3066

35.6744, 0.4326,
0.4729

51.8078, 0.2840,
0.2885

■ 34.6059, 0.4418,
0.4791

■ 54.0718, 0.2725,
0.2718

■ 33.6057, 0.4484,
0.4812

■ 56.2034, 0.2644,
0.2606

■ 33.4528, 0.4493,
0.4814

■ 57.4768, 0.2648,
0.2639

■ 58.7743, 0.2651,
0.2672

Harmonies

Analogous

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



42.3659, 0.3782, 0.3727



42.3659, 0.3577, 0.3890



42.3659, 0.3257, 0.3886

Triad

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



42.3659, 0.3577, 0.3890



42.3659, 0.2495, 0.3052



42.3659, 0.3319, 0.2932

Complementary

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



42.3659, 0.3577, 0.3890



26.7059, 0.2651, 0.2609

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.



42.3659, 0.2968, 0.2768



42.3659, 0.3577, 0.3890



42.3659, 0.2508, 0.2820

Square

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



42.3659, 0.3577, 0.3890



42.3659, 0.2639, 0.3375



42.3659, 0.2676, 0.2724



42.3659, 0.3632, 0.3181

Rectangle

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



42.3659, 0.3577, 0.3890



42.3659, 0.3026, 0.3776



42.3659, 0.2676, 0.2724



42.3659, 0.3201, 0.2866

Sweetspot

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



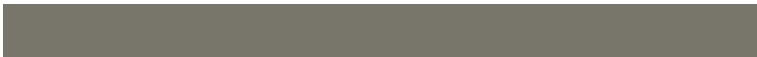
42.3678, 0.3577, 0.3890



81.7450, 0.3264, 0.3478



28.1782, 0.3638, 0.3168



17.9511, 0.3287, 0.3508



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.



42.3678, 0.3577, 0.3890



74.1511, 0.3680, 0.4020



43.5845, 0.3390, 0.4028



10.2613, 0.3267, 0.3482



23.4129, 0.4489, 0.4817



0.8897, 0.4402, 0.4887

Inverse Universe

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



26.7059, 0.2651, 0.2609



41.5975, 0.2534, 0.2434



25.9711, 0.2804, 0.2517



8.9370, 0.2984, 0.3091



3.0370, 0.1540, 0.0744



0.1779, 0.1651, 0.1142

Previews

White Background



This preview shows how the Yxy color 42.3659, 0.3577, 0.3890 looks on a white background.

Color Contrast Check

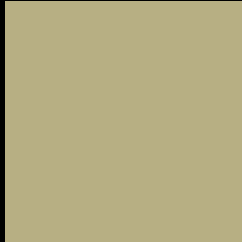
Large Text (above 18pt) WCAG AA × Fail

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 42.3659, 0.3577, 0.3890 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

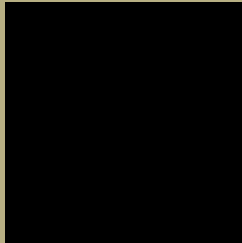
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

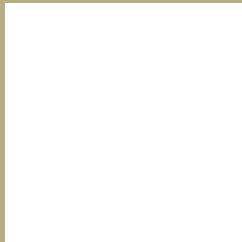
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 42.3659, 0.3577, 0.3890

Background



This preview shows how black text looks on a background with the Yxy color 42.3659, 0.3577, 0.3890.



This preview shows how white text looks on a background with the Yxy color 42.3659, 0.3577, 0.3890.

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

42.3659, 0.3577, 0.3890

Protanopia

42.3229, 0.3618, 0.3885

Deuteranopia

42.3100, 0.3805, 0.3724



Tritanopia

42.2015, 0.3200, 0.3109

Trichromacy



Original Color

42.3659, 0.3577, 0.3890

Protanomaly

42.1981, 0.3608, 0.3887

Deuteranomaly

42.2857, 0.3723, 0.3787

Tritanomaly

42.3350, 0.3343, 0.3397

Monochromacy



Original Color

42.3659, 0.3577, 0.3890

Achromatopsia

41.2543, 0.3127, 0.3290

Achromatomaly

41.5516, 0.3290, 0.3511

CSS Examples

Text

The CSS property to change the color of the text to Yxy 42.3659, 0.3577, 0.3890 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(183, 175, 131)` looks like.

```
.text, #text, p{  
    color:rgb(183, 175, 131)  
}
```

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(183, 175, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 175, 131) }
```

Border

The CSS property to change the border of an element to Yxy 42.3659, 0.3577, 0.3890 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(183, 175, 131) }
```

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

```
.border{ border-color:rgb(183, 175, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 175, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 175, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 175, 131);  
box-shadow:4px 4px 4px 4px rgb(183, 175,  
131) }
```


Background

The CSS property to change the background color of an element to Yxy 42.3659, 0.3577, 0.3890 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 175, 131) }
```

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

```
.background{ background-color: rgb(183,  
175, 131) }
```

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