

Converting Colors

$Yxy(44.9782, 0.3659, 0.4133)$

Have a look what the booklet for
Yxy(44.9782, 0.3659, 0.4133)
contains.

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Color

Yxy(44.9782, 0.3659, 0.4133)

Conversions

Conversions Part 1

Format	Color
Hex	B8B677
RGB	184, 182, 119
RGB Percent	72%, 71%, 47%
CMY	0.2785, 0.2862, 0.5334
CMYK	0.00, 0.01, 0.35, 0.28
HSL	58°, 31%, 59%
HSV	58°, 35%, 72%
XYZ	39.8198, 44.9782, 24.0290
YIQ	175.4160, 21.4150, -19.1690

Conversions

Conversions Part 2

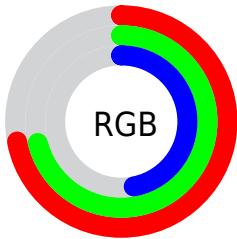
Format	Color
RYB	121, 184, 119
Decimal	12105335
CIELab	72.88, -8.96, 32.38
CIELCh	73, 33.593, 105.473
Yxy	44.9782, 0.3659, 0.4133
Android (android.graphics.Color)	4290295415 (0xFFB8B677)
YUV	175.4160, -27.8131, 7.5282
Hunter-Lab	67.0658, -11.3821, 25.7030

Details

The Yxy color **44.9782, 0.3659, 0.4133** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **21.0416, 0.2501, 0.2280**, and the grayscale version is **43.2339, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.8284, 0.3568, 0.3978**, and **20.8760, 0.3800, 0.4376** is the 20% darker color. If you saturate the color by 10%, you get **44.3530, 0.3803, 0.4357**, and if you desaturate by 10%, it is **45.6940, 0.3508, 0.3895**.

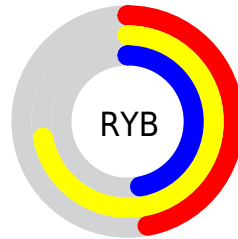
Distribution



Red (72%)

Green (71%)

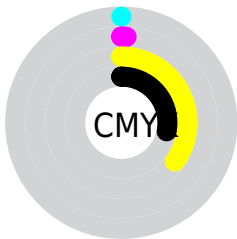
Blue (47%)



Red (47%)

Yellow (72%)

Blue (47%)

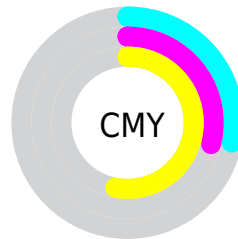


Cyan (0%)

Magenta (1%)

Yellow (35%)

Black (28%)



Cyan (28%)

Magenta (29%)

Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.9782, 0.3659, 0.4133 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 44.9782, 0.3659, 0.4133 by changing the saturation by 10% instead.

 44.9782, 0.3659,
0.4133

 44.9782, 0.3659,
0.4133


366.6853, 0.3401,
0.3706


 31.4403, 0.3719,
0.4239


 82.6877, 0.3568,
0.3978

 20.9343, 0.3793,
0.4374

 107.6280, 0.3533,
0.3919

 13.0760, 0.3883,
0.4551


 137.1380, 0.3503,
0.3870

 7.4809, 0.3994,
0.4788

171.6019, 0.3477,
0.3828

 3.7646, 0.4160,
0.5162

211.4042, 0.3454,
0.3791

 1.5428, 0.4317,
0.5683

256.9292, 0.3434,

 0.3186, 0.2087,

0.3759

0.7913

308.5615, 0.3417,
0.3731

0.0000, 0.0000,
0.0000

44.9782, 0.3659,
0.4133

44.9782, 0.3659,
0.4133

44.3530, 0.3803,
0.4357

45.6940, 0.3508,
0.3895

43.8072, 0.3934,
0.4559

46.4988, 0.3355,
0.3653

43.3374, 0.4045,
0.4729


47.3988, 0.3205,
0.3414


42.9376, 0.4134,
0.4860


48.3981, 0.3061,
0.3184

42.6005, 0.4197,
0.4949


49.5003, 0.2925,
0.2966


 42.3175, 0.4234,
0.4996

 50.7091, 0.2799,
0.2762

 42.1949, 0.4247,
0.5010

 52.0278, 0.2683,
0.2575

 52.7196, 0.2641,
0.2510

 52.9551, 0.2641,
0.2516

Harmonies

Analogous

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



44.9782, 0.3984, 0.3926



44.9782, 0.3659, 0.4133



44.9782, 0.3206, 0.4093

Triad

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



44.9782, 0.3659, 0.4133



44.9782, 0.2265, 0.2883



44.9782, 0.3475, 0.2864

Complementary

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



44.9782, 0.3659, 0.4133



21.0416, 0.2501, 0.2280

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.



44.9782, 0.2991, 0.2623



44.9782, 0.3659, 0.4133



44.9782, 0.2322, 0.2612

Square

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



44.9782, 0.3659, 0.4133



44.9782, 0.2414, 0.3311



44.9782, 0.2577, 0.2529



44.9782, 0.3884, 0.3204

Rectangle

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



44.9782, 0.3659, 0.4133



44.9782, 0.2895, 0.3909



44.9782, 0.2577, 0.2529



44.9782, 0.3314, 0.2770

Sweetspot

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



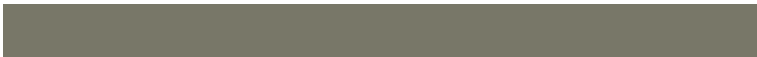
44.9802, 0.3659, 0.4133



84.9702, 0.3292, 0.3553



24.7607, 0.3927, 0.3261



18.2714, 0.3313, 0.3586



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.



44.9802, 0.3659, 0.4133



80.7082, 0.3766, 0.4300



42.4382, 0.3372, 0.4243



10.4555, 0.3264, 0.3509



29.1080, 0.4246, 0.5011



1.0408, 0.4231, 0.5022

Inverse Universe

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



21.0416, 0.2501, 0.2280



31.1309, 0.2347, 0.2029



23.0678, 0.2795, 0.2328



8.7618, 0.2984, 0.3061



2.4871, 0.1507, 0.0623



0.1025, 0.1532, 0.0716

Previews

White Background



This preview shows how the Yxy color 44.9782, 0.3659, 0.4133 looks on a white background.

Color Contrast Check

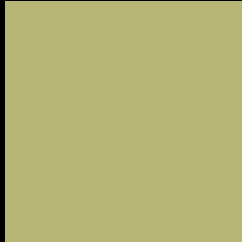
Large Text (above 18pt) WCAG AA × Fail

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 44.9782, 0.3659, 0.4133 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

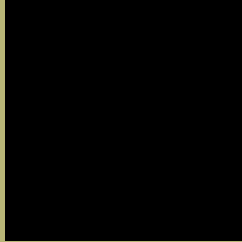
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.9782, 0.3659, 0.4133

Background



This preview shows how black text looks on a background with the Yxy color 44.9782, 0.3659, 0.4133.



This preview shows how white text looks on a background with the Yxy color 44.9782, 0.3659, 0.4133.

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

44.9782, 0.3659, 0.4133

Protanopia

45.0175, 0.3775, 0.4082

Deuteranopia

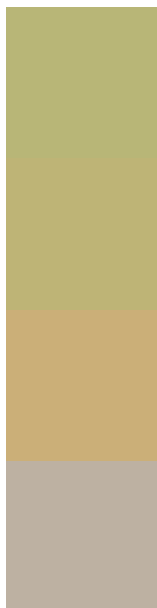
44.8024, 0.3982, 0.3900



Tritanopia

45.0664, 0.3179, 0.3125

Trichromacy



Original Color

44.9782, 0.3659, 0.4133

Protanomaly

44.8977, 0.3733, 0.4105

Deuteranomaly

44.7125, 0.3864, 0.3986

Tritanomaly

44.8717, 0.3360, 0.3487

Monochromacy



Original Color

44.9782, 0.3659, 0.4133

Achromatopsia

42.8690, 0.3127, 0.3290

Achromatomaly

43.6723, 0.3317, 0.3604

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.9782, 0.3659, 0.4133 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(184, 182, 119)` looks like.

```
.text, #text, p{  
    color:rgb(184, 182, 119)  
}
```

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(184, 182, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 182, 119) }
```

Border

The CSS property to change the border of an element to Yxy 44.9782, 0.3659, 0.4133 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(184, 182, 119) }
```

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

```
.border{ border-color:rgb(184, 182, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 182, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 182, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 182, 119);  
box-shadow:4px 4px 4px 4px rgb(184, 182,  
119) }
```


Background

The CSS property to change the background color of an element to Yxy 44.9782, 0.3659, 0.4133 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 182, 119) }
```

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

```
.background{ background-color: rgb(184,  
182, 119) }
```

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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