

Converting Colors

$Yxy(44.3774, 0.3587, 0.4050)$

Have a look what the booklet for
Yxy(44.3774, 0.3587, 0.4050)
contains.

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Color

Yxy(44.3522, 0.3587, 0.4049)

Conversions

Conversions Part 1

Format	Color
Hex	B5B57D
RGB	181, 181, 125
RGB Percent	71%, 71%, 49%
CMY	0.2900, 0.2902, 0.5098
CMYK	0.00, 0.00, 0.31, 0.29
HSL	60°, 27%, 60%
HSV	60°, 31%, 71%
XYZ	39.2915, 44.3522, 25.8949
YIQ	174.6160, 17.9760, -17.4160

Conversions

Conversions Part 2

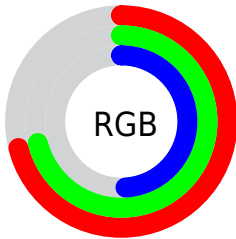
Format	Color
RYB	125, 181, 125
Decimal	11908477
CIELab	72.46, -8.84, 28.61
CIELCh	72, 29.944, 107.167
Yxy	44.3522, 0.3587, 0.4049
Android (android.graphics.Color)	4290098557 (0xFFB5B57D)
YUV	174.6160, -24.4607, 5.5988
Hunter-Lab	66.5974, -11.2332, 23.5646

Details

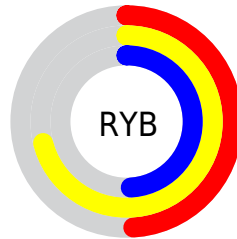
The Yxy color $44.3522, 0.3587, 0.4049$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $22.3859, 0.2587, 0.2399$, and the grayscale version is $42.7877, 0.3127, 0.3290$.

A 20% lighter version of the original color is $81.9599, 0.3510, 0.3910$, and $20.4584, 0.3706, 0.4274$ is the 20% darker color. If you saturate the color by 10%, you get $43.9241, 0.3730, 0.4285$, and if you desaturate by 10%, it is $44.8687, 0.3438, 0.3803$.

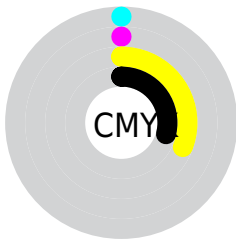
Distribution



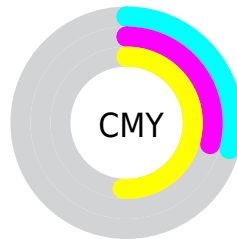
- Red (71%)
- Green (71%)
- Blue (49%)



- Red (49%)
- Yellow (71%)
- Blue (49%)



- Cyan (0%)
- Magenta (0%)
- Yellow (31%)
- Black (29%)



- Cyan (29%)
- Magenta (29%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 44.3522, 0.3587, 0.4049 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 44.3522, 0.3587, 0.4049 by changing the saturation by 10% instead.

■ 44.3522, 0.3587,
0.4049

■ 44.3522, 0.3587,
0.4049

364.1436, 0.3362,
0.3662

■ 30.9475, 0.3640,
0.4146

■ 81.7475, 0.3507,
0.3907

■ 20.5589, 0.3706,
0.4271

■ 106.5068, 0.3477,
0.3855

■ 12.8019, 0.3789,
0.4437

■ 135.8198, 0.3451,
0.3810

■ 7.2923, 0.3893,
0.4663

170.0709, 0.3428,
0.3772

■ 3.6456, 0.4031,
0.4999

209.6444, 0.3408,
0.3739

■ 1.4773, 0.4317,
0.5683

254.9247, 0.3391,

■ 0.2727, 0.1374,

0.3710

0.8626

306.2963, 0.3376,
0.3685

0.0000, 0.0000,
0.0000

44.3522, 0.3587,
0.4049

44.3522, 0.3587,
0.4049

43.9241, 0.3730,
0.4285

44.8687, 0.3438,
0.3803

43.5737, 0.3861,
0.4502

45.4717, 0.3288,
0.3555

43.2981, 0.3975,
0.4689


46.1673, 0.3141,
0.3313

43.0917, 0.4067,
0.4840


46.9592, 0.3000,
0.3081

42.9480, 0.4134,
0.4950


47.8508, 0.2868,
0.2863

 42.8596, 0.4175,
0.5018

 48.8456, 0.2746,
0.2660

 42.8131, 0.4195,
0.5051

 49.9466, 0.2634,
0.2475

 50.1630, 0.2614,
0.2443

 50.1717, 0.2615,
0.2444

Harmonies

Analogous

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



44.3522, 0.3885, 0.3881



44.3522, 0.3587, 0.4049



44.3522, 0.3177, 0.3994

Triad

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



44.3522, 0.3587, 0.4049



44.3522, 0.2346, 0.2910



44.3522, 0.3464, 0.2921

Complementary

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



44.3522, 0.3587, 0.4049



22.3859, 0.2587, 0.2399

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.



44.3522, 0.3031, 0.2695



44.3522, 0.3587, 0.4049



44.3522, 0.2409, 0.2672

Square

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



44.3522, 0.3587, 0.4049



44.3522, 0.2473, 0.3288



44.3522, 0.2650, 0.2603



44.3522, 0.3820, 0.3235

Rectangle

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



44.3522, 0.3587, 0.4049



44.3522, 0.2899, 0.3821



44.3522, 0.2650, 0.2603



44.3522, 0.3321, 0.2833

Sweetspot

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



44.3542, 0.3587, 0.4049



81.5966, 0.3261, 0.3511



26.0052, 0.3803, 0.3278



17.5993, 0.3282, 0.3546



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.



44.3542, 0.3587, 0.4049



78.8551, 0.3683, 0.4208



41.4176, 0.3336, 0.4117



10.5015, 0.3264, 0.3516



30.5878, 0.4195, 0.5051



1.0789, 0.4195, 0.5051

Inverse Universe

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



22.3859, 0.2587, 0.2399



33.4008, 0.2450, 0.2171



24.6933, 0.2855, 0.2461



8.7211, 0.2984, 0.3054



2.3891, 0.1500, 0.0601



0.0848, 0.1501, 0.0605

Previews

White Background



This preview shows how the Yxy color 44.3522, 0.3587, 0.4049 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 44.3522, 0.3587, 0.4049 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

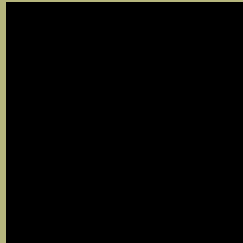
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.3522, 0.3587, 0.4049

Background



This preview shows how black text looks on a background with the Yxy color 44.3522, 0.3587, 0.4049.



This preview shows how white text looks on a background with the Yxy color 44.3522, 0.3587, 0.4049.

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

44.3522, 0.3587, 0.4049

Protanopia

44.5025, 0.3711, 0.3999

Deuteranopia

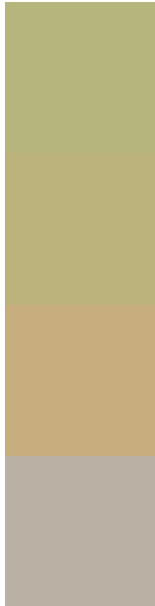
44.1306, 0.3905, 0.3823



Tritanopia

44.2938, 0.3153, 0.3111

Trichromacy



Original Color

44.3522, 0.3587, 0.4049

Protanomaly

44.3868, 0.3669, 0.4021

Deuteranomaly

44.0578, 0.3788, 0.3907

Tritanomaly

44.1701, 0.3317, 0.3449

Monochromacy



Original Color

44.3522, 0.3587, 0.4049

Achromatopsia

42.8690, 0.3127, 0.3290

Achromatomaly

43.2257, 0.3293, 0.3563

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.3522, 0.3587, 0.4049 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, 181, 125)` looks like.

```
.text, #text, p{  
    color:rgb(181, 181, 125)  
}
```

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, 181, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 181, 125) }
```

Border

The CSS property to change the border of an element to Yxy 44.3522, 0.3587, 0.4049 is called "border". The border property can be set on classes, ids or directly on the HTML element.

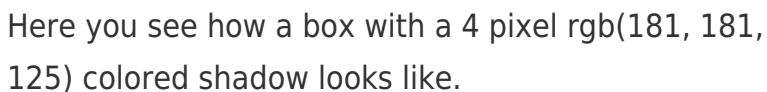
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(181, 181, 125) }
```

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

```
.border{ border-color:rgb(181, 181, 125) }
```

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



Here you see how a box with a 4 pixel `rgb(181, 181, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(181, 181, 125); -webkit-box-shadow:4px 4px 4px 4px rgb(181, 181, 125); box-shadow:4px 4px 4px 4px rgb(181, 181, 125) }
```


Background

The CSS property to change the background color of an element to Yxy 44.3522, 0.3587, 0.4049 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 181, 125) }
```

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

```
.background{ background-color: rgb(181,  
181, 125) }
```

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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