

Converting Colors

$Yxy(44.2354, 0.3621, 0.4060)$

Have a look what the booklet for
Yxy(44.2354, 0.3621, 0.4060)
contains.

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Color

Yxy(44.1399, 0.3625, 0.4059)

Conversions

Conversions Part 1

Format	Color
Hex	B7B47B
RGB	183, 180, 123
RGB Percent	72%, 71%, 48%
CMY	0.2825, 0.2941, 0.5176
CMYK	0.00, 0.02, 0.33, 0.28
HSL	57°, 29%, 60%
HSV	57°, 33%, 72%
XYZ	39.4203, 44.1399, 25.1855
YIQ	174.3990, 20.0850, -17.0910

Conversions

Conversions Part 2

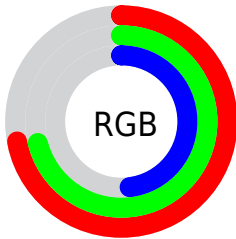
Format	Color
R_{YB}	126, 183, 123
Decimal	12039291
CIE _{Lab}	72.32, -7.82, 29.51
CIE _{LCh}	72, 30.528, 104.847
Yxy	44.1399, 0.3625, 0.4059
Android (android.graphics.Color)	4290229371 (0xFFB7B47B)
YUV	174.3990, -25.3397, 7.5431
Hunter-Lab	66.4379, -10.3548, 24.0306

Details

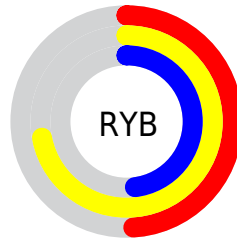
The Yxy color **44.1399, 0.3625, 0.4059** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **22.5445, 0.2556, 0.2384**, and the grayscale version is **42.6682, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.6508, 0.3540, 0.3919**, and **20.3269, 0.3760, 0.4283** is the 20% darker color. If you saturate the color by 10%, you get **43.3623, 0.3774, 0.4285**, and if you desaturate by 10%, it is **45.0095, 0.3471, 0.3823**.

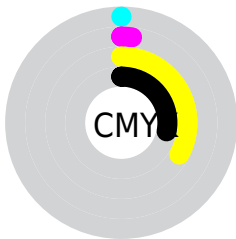
Distribution



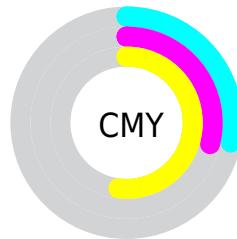
- Red (72%)
- Green (71%)
- Blue (48%)



- Red (49%)
- Yellow (72%)
- Blue (48%)



- Cyan (0%)
- Magenta (2%)
- Yellow (33%)
- Black (28%)





- Cyan (28%)
- Magenta (29%)
- Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.1399, 0.3625, 0.4059 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 44.1399, 0.3625, 0.4059 by changing the saturation by 10% instead.


 44.1399, 0.3625,
0.4059


 44.1399, 0.3625,
0.4059


363.2789, 0.3381,
0.3668


 30.7805, 0.3683,
0.4157

 81.4282, 0.3538,
0.3916

 20.4318, 0.3754,
0.4282


 106.1259, 0.3505,
0.3863

 12.7093, 0.3845,
0.4447

 135.3719, 0.3477,
0.3818

 7.2287, 0.3958,
0.4672

169.5504, 0.3452,
0.3779

 3.6055, 0.4117,
0.5011

209.0460, 0.3431,
0.3746

 1.4554, 0.4380,
0.5620

254.2430, 0.3412,

 0.2570, 0.1719,

0.3717

0.8281

305.5258, 0.3396,
0.3691

0.0000, 0.0000,
0.0000

44.1399, 0.3625,
0.4059

44.1399, 0.3625,
0.4059

43.3623, 0.3774,
0.4285

45.0095, 0.3471,
0.3823

42.6659, 0.3913,
0.4490

45.9696, 0.3317,
0.3586

42.0476, 0.4035,
0.4667


47.0262, 0.3167,
0.3353

41.5013, 0.4135,
0.4807


48.1832, 0.3025,
0.3130

41.0204, 0.4210,
0.4906


49.4442, 0.2892,
0.2920


 40.5968, 0.4258,
0.4961

 50.8128, 0.2769,
0.2725

 40.3144, 0.4282,
0.4982

 52.2922, 0.2657,
0.2545

 52.9236, 0.2635,
0.2518

 53.3084, 0.2636,
0.2528

Harmonies

Analogous

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



44.1399, 0.3916, 0.3872



44.1399, 0.3625, 0.4059



44.1399, 0.3211, 0.4023

Triad

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



44.1399, 0.3625, 0.4059



44.1399, 0.2334, 0.2927



44.1399, 0.3438, 0.2892

Complementary

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



44.1399, 0.3625, 0.4059



22.5445, 0.2556, 0.2384

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.



44.1399, 0.2995, 0.2671



44.1399, 0.3625, 0.4059



44.1399, 0.2383, 0.2672

Square

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



44.1399, 0.3625, 0.4059



44.1399, 0.2478, 0.3321



44.1399, 0.2615, 0.2589



44.1399, 0.3813, 0.3207

Rectangle

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



44.1399, 0.3625, 0.4059



44.1399, 0.2925, 0.3858



44.1399, 0.2615, 0.2589



44.1399, 0.3290, 0.2806

Sweetspot

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



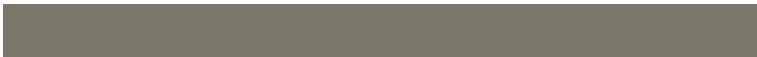
44.1419, 0.3625, 0.4059



82.8361, 0.3277, 0.3524



25.7401, 0.3834, 0.3249



18.2391, 0.3299, 0.3557



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.



44.1419, 0.3625, 0.4059



78.1089, 0.3729, 0.4216



42.3523, 0.3365, 0.4165



10.4254, 0.3265, 0.3505



28.1643, 0.4281, 0.4983



1.0162, 0.4256, 0.5003

Inverse Universe

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



22.5445, 0.2556, 0.2384



33.6780, 0.2415, 0.2157



24.0710, 0.2814, 0.2402



8.7886, 0.2984, 0.3066



2.5517, 0.1511, 0.0638



0.1141, 0.1552, 0.0786

Previews

White Background



This preview shows how the Yxy color 44.1399, 0.3625, 0.4059 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 44.1399, 0.3625, 0.4059 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

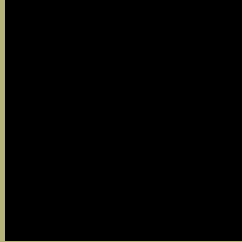
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.1399, 0.3625, 0.4059

Background



This preview shows how black text looks on a background with the Yxy color 44.1399, 0.3625, 0.4059.



This preview shows how white text looks on a background with the Yxy color 44.1399, 0.3625, 0.4059.

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

44.1399, 0.3625, 0.4059

Protanopia

44.0559, 0.3732, 0.4013

Deuteranopia

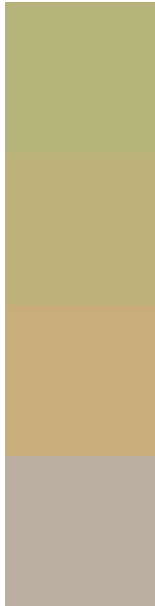
44.0790, 0.3923, 0.3848



Tritanopia

43.9974, 0.3171, 0.3111

Trichromacy



Original Color

44.1399, 0.3625, 0.4059

Protanomaly

44.0647, 0.3699, 0.4033

Deuteranomaly

44.1448, 0.3815, 0.3930

Tritanomaly

43.8691, 0.3336, 0.3449

Monochromacy



Original Color

44.1399, 0.3625, 0.4059

Achromatopsia

42.3268, 0.3127, 0.3290

Achromatomaly

42.7643, 0.3311, 0.3578

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.1399, 0.3625, 0.4059 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, 180, 123)` looks like.

```
.text, #text, p{  
    color:rgb(183, 180, 123)  
}
```

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, 180, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 180, 123) }
```

Border

The CSS property to change the border of an element to Yxy 44.1399, 0.3625, 0.4059 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, 180, 123) }
```

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

```
.border{ border-color:rgb(183, 180, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 180, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 180, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 180, 123);  
box-shadow:4px 4px 4px 4px rgb(183, 180,  
123) }
```


Background

The CSS property to change the background color of an element to Yxy 44.1399, 0.3625, 0.4059 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 180, 123) }
```

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

```
.background{ background-color: rgb(183,  
180, 123) }
```

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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