

Converting Colors

$Yxy(44.5504, 0.3761, 0.4104)$

Have a look what the booklet for
Yxy(44.5504, 0.3761, 0.4104)
contains.

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Color

Yxy(44.6009, 0.3755, 0.4103)

Conversions

Conversions Part 1

Format	Color
Hex	BFB375
RGB	191, 179, 117
RGB Percent	75%, 70%, 46%
CMY	0.2509, 0.2980, 0.5412
CMYK	0.00, 0.06, 0.39, 0.25
HSL	50°, 37%, 60%
HSV	50°, 39%, 75%
XYZ	40.8180, 44.6009, 23.2842
YIQ	175.5200, 27.0540, -16.7380

Conversions

Conversions Part 2

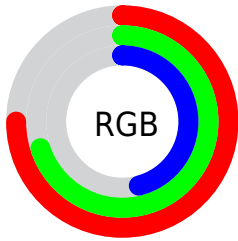
Format	Color
RYB	131, 191, 117
Decimal	12563317
CIELab	72.63, -4.79, 33.21
CIELCh	73, 33.551, 98.203
Yxy	44.6009, 0.3755, 0.4103
Android (android.graphics.Color)	4290753397 (0xFFBFB375)
YUV	175.5200, -28.8504, 13.5760
Hunter-Lab	66.7839, -7.7734, 26.0773

Details

The Yxy color **44.6009, 0.3755, 0.4103** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **23.2435, 0.2451, 0.2317**, and the grayscale version is **43.2967, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.2754, 0.3640, 0.3958**, and **20.5612, 0.3923, 0.4330** is the 20% darker color. If you saturate the color by 10%, you get **42.9705, 0.3922, 0.4300**, and if you desaturate by 10%, it is **46.3550, 0.3585, 0.3893**.

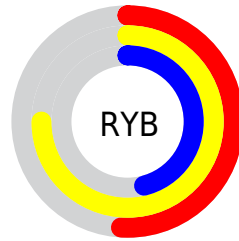
Distribution



Red (75%)

Green (70%)

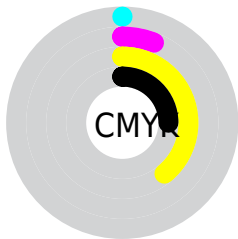
Blue (46%)



Red (51%)

Yellow (75%)

Blue (46%)

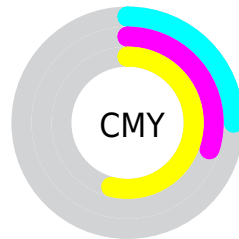


Cyan (0%)

Magenta (6%)

Yellow (39%)

Black (25%)



Cyan (25%)

Magenta (30%)


Yellow (54%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.6009, 0.3755, 0.4103 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 44.6009, 0.3755, 0.4103 by changing the saturation by 10% instead.


 44.6009, 0.3755,
0.4103

 44.6009, 0.3755,
0.4103


365.1548, 0.3447,
0.3695


 31.1432, 0.3828,
0.4203


 82.1212, 0.3646,
0.3956

 20.7079, 0.3917,
0.4328


 106.9526, 0.3604,
0.3900

 12.9107, 0.4030,
0.4490


 136.3439, 0.3568,
0.3853

 7.3671, 0.4170,
0.4702

170.6797, 0.3537,
0.3813

 3.6927, 0.4396,
0.5049

210.3443, 0.3510,
0.3777

 1.5032, 0.4577,
0.5423

255.7221, 0.3487,

 0.2910, 0.3544,

0.3747

0.6456

307.1974, 0.3466,
0.3719

0.0000, 0.0000,
0.0000

44.6009, 0.3755,
0.4103

44.6009, 0.3755,
0.4103

42.9705, 0.3922,
0.4300

46.3550, 0.3585,
0.3893

41.4518, 0.4081,
0.4476

48.2320, 0.3418,
0.3679

40.0404, 0.4224,
0.4619

50.2388, 0.3259,
0.3468

38.7293, 0.4344,
0.4722

52.3800, 0.3109,
0.3265

37.5097, 0.4437,
0.4780


54.6601, 0.2970,
0.3073

 36.3677, 0.4504,
0.4798

 57.0830, 0.2843,
0.2893

 36.2279, 0.4512,
0.4799

 59.6529, 0.2728,
0.2728

 61.3831, 0.2706,
0.2720

 62.8687, 0.2709,
0.2755

Harmonies

Analogous

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



44.6009, 0.4031, 0.3852



44.6009, 0.3755, 0.4103



44.6009, 0.3321, 0.4131

Triad

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



44.6009, 0.3755, 0.4103



44.6009, 0.2281, 0.2974



44.6009, 0.3359, 0.2793

Complementary

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



44.6009, 0.3755, 0.4103



23.2435, 0.2451, 0.2317

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.



44.6009, 0.2879, 0.2585



44.6009, 0.3755, 0.4103



44.6009, 0.2288, 0.2659

Square

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



44.6009, 0.3755, 0.4103



44.6009, 0.2480, 0.3427



44.6009, 0.2497, 0.2531



44.6009, 0.3802, 0.3115

Rectangle

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



44.6009, 0.3755, 0.4103



44.6009, 0.3005, 0.3990



44.6009, 0.2497, 0.2531



44.6009, 0.3195, 0.2709

Sweetspot

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



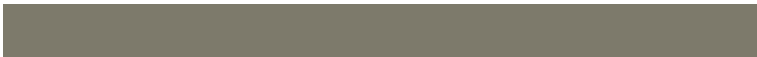
44.6029, 0.3755, 0.4103



88.7058, 0.3313, 0.3540



25.3921, 0.3914, 0.3122



19.3741, 0.3334, 0.3568



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



44.6029, 0.3755, 0.4103



77.2373, 0.3906, 0.4281



46.6930, 0.3479, 0.4316



10.8498, 0.3268, 0.3481



23.9054, 0.4507, 0.4803



1.0079, 0.4420, 0.4872

Inverse Universe

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



23.2435, 0.2451, 0.2317



33.3677, 0.2274, 0.2044



22.2040, 0.2654, 0.2193



9.4687, 0.2984, 0.3092



3.1952, 0.1543, 0.0754



0.2046, 0.1650, 0.1141

Previews

White Background



This preview shows how the Yxy color 44.6009, 0.3755, 0.4103 looks on a white background.

Color Contrast Check

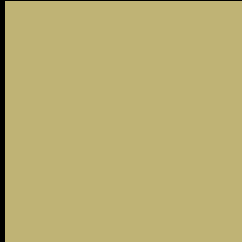
Large Text (above 18pt) WCAG AA × Fail

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 44.6009, 0.3755, 0.4103 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

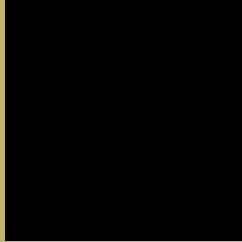
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.6009, 0.3755, 0.4103

Background



This preview shows how black text looks on a background with the Yxy color 44.6009, 0.3755, 0.4103.



This preview shows how white text looks on a background with the Yxy color 44.6009, 0.3755, 0.4103.

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

44.6009, 0.3755, 0.4103

Protanopia

44.5945, 0.3788, 0.4083

Deuteranopia

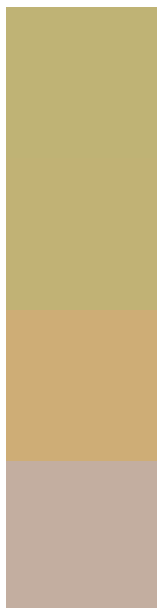
44.3775, 0.4005, 0.3912



Tritanopia

44.5923, 0.3261, 0.3127

Trichromacy



Original Color

44.6009, 0.3755, 0.4103

Protanomaly

44.4626, 0.3779, 0.4085

Deuteranomaly

44.3170, 0.3921, 0.3979

Tritanomaly

44.4123, 0.3439, 0.3472

Monochromacy



Original Color

44.6009, 0.3755, 0.4103

Achromatopsia

43.4154, 0.3127, 0.3290

Achromatomaly

43.6346, 0.3346, 0.3588

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.6009, 0.3755, 0.4103 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(191, 179, 117)` looks like.

```
.text, #text, p{  
    color:rgb(191, 179, 117)  
}
```

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(191, 179, 117) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 179, 117) }
```

Border

The CSS property to change the border of an element to Yxy 44.6009, 0.3755, 0.4103 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(191, 179, 117) }
```

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

```
.border{ border-color:rgb(191, 179, 117) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 179, 117)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 179, 117); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 179, 117);  
box-shadow:4px 4px 4px 4px rgb(191, 179,  
117) }
```


Background

The CSS property to change the background color of an element to Yxy 44.6009, 0.3755, 0.4103 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 179, 117) }
```

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

```
.background{ background-color: rgb(191,  
179, 117) }
```

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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