

Converting Colors

$Y_{xy}(44.3232, 0.3553, 0.3798)$

Have a look what the booklet for
Yxy(44.3232, 0.3553, 0.3798)
contains.

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Color

Yxy(44.5237, 0.3555, 0.3808)

Conversions

Conversions Part 1

Format	Color
Hex	BDB28B
RGB	189, 178, 139
RGB Percent	74%, 70%, 55%
CMY	0.2589, 0.3019, 0.4549
CMYK	0.00, 0.06, 0.26, 0.26
HSL	47°, 27%, 64%
HSV	47°, 26%, 74%
XYZ	41.5656, 44.5237, 30.8322
YIQ	176.8430, 19.0750, -9.7970

Conversions

Conversions Part 2

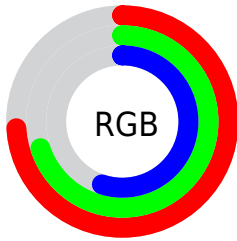
Format	Color
RYB	153, 189, 139
Decimal	12432011
CIELab	72.58, -2.28, 21.38
CIELCh	73, 21.506, 96.079
Yxy	44.5237, 0.3555, 0.3808
Android (android.graphics.Color)	4290622091 (0xFFBDB28B)
YUV	176.8430, -18.6566, 10.6617
Hunter-Lab	66.7261, -5.5779, 19.3121

Details

The Yxy color **44.5237, 0.3555, 0.3808** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **30.9739, 0.2691, 0.2712**, and the grayscale version is **43.9727, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.2887, 0.3477, 0.3713**, and **20.5394, 0.3673, 0.3944** is the 20% darker color. If you saturate the color by 10%, you get **42.3922, 0.3733, 0.4007**, and if you desaturate by 10%, it is **46.8048, 0.3384, 0.3608**.

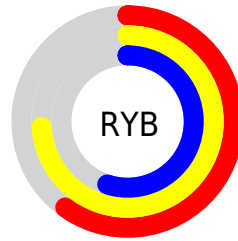
Distribution



Red (74%)

Green (70%)

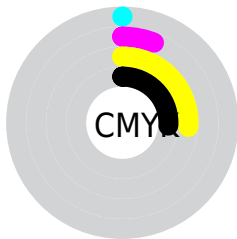
Blue (55%)



Red (60%)

Yellow (74%)

Blue (55%)

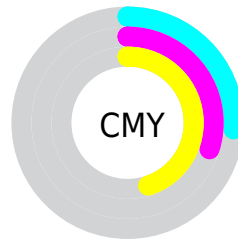


Cyan (0%)

Magenta (6%)

Yellow (26%)

Black (26%)



Cyan (26%)


Magenta (30%)


Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.5237, 0.3555, 0.3808 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 44.5237, 0.3555, 0.3808 by changing the saturation by 10% instead.

 44.5237, 0.3555,
0.3808

 44.5237, 0.3555,
0.3808


364.8411, 0.3341,
0.3547


 31.0824, 0.3608,
0.3873


 82.0052, 0.3478,
0.3713

 20.6616, 0.3675,
0.3957


 106.8142, 0.3449,
0.3677

 12.8769, 0.3763,
0.4068


 136.1813, 0.3424,
0.3647

 7.3438, 0.3882,
0.4220

170.4908, 0.3403,
0.3621

 3.6780, 0.4049,
0.4440

210.1271, 0.3384,
0.3599

 1.4951, 0.4699,
0.5228

255.4747, 0.3368,

 0.2853, 0.4304,

0.3579

0.5696

306.9179, 0.3354,
0.3562

0.0000, 0.0000,
0.0000

44.5237, 0.3555,
0.3808

44.5237, 0.3555,
0.3808

42.3922, 0.3733,
0.4007

46.8048, 0.3384,
0.3608

40.3989, 0.3913,
0.4198

49.2344, 0.3224,
0.3412

38.5400, 0.4090,
0.4370

51.8192, 0.3076,
0.3225

36.8091, 0.4256,
0.4513

54.5637, 0.2941,
0.3049

35.1992, 0.4402,
0.4619

57.4722, 0.2818,
0.2885

■ 33.7020, 0.4523,
0.4680

■ 60.5485, 0.2707,
0.2734

■ 32.3069, 0.4615,
0.4694

■ 62.7017, 0.2697,
0.2756

■ 31.8284, 0.4644,
0.4694

■ 64.7417, 0.2701,
0.2803

■ 66.8350, 0.2706,
0.2851

Harmonies

Analogous

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



44.5237, 0.3716, 0.3653



44.5237, 0.3555, 0.3808



44.5237, 0.3283, 0.3822

Triad

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



44.5237, 0.3555, 0.3808



44.5237, 0.2575, 0.3116



44.5237, 0.3258, 0.2949

Complementary

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



44.5237, 0.3555, 0.3808



30.9739, 0.2691, 0.2712

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.



44.5237, 0.2950, 0.2815



44.5237, 0.3555, 0.3808



44.5237, 0.2569, 0.2896

Square

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



44.5237, 0.3555, 0.3808



44.5237, 0.2722, 0.3404



44.5237, 0.2702, 0.2793



44.5237, 0.3542, 0.3164

Rectangle

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



44.5237, 0.3555, 0.3808



44.5237, 0.3078, 0.3738



44.5237, 0.2702, 0.2793



44.5237, 0.3154, 0.2893

Sweetspot

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



44.5257, 0.3555, 0.3808



87.4374, 0.3250, 0.3444



31.5093, 0.3556, 0.3131



18.6595, 0.3274, 0.3474



95.5105, 0.3127, 0.3290



19.5994, 0.3127, 0.3290

Same Dimension

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



44.5257, 0.3555, 0.3808



77.4058, 0.3662, 0.3930



47.4464, 0.3402, 0.3968



10.7551, 0.3269, 0.3468



21.5339, 0.4637, 0.4700



0.9333, 0.4511, 0.4800

Inverse Universe

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



30.9739, 0.2691, 0.2712



48.8852, 0.2580, 0.2555



28.8496, 0.2798, 0.2568



9.5563, 0.2984, 0.3106



3.6591, 0.1569, 0.0847



0.2428, 0.1697, 0.1308

Previews

White Background



This preview shows how the Yxy color 44.5237, 0.3555, 0.3808 looks on a white background.

Color Contrast Check

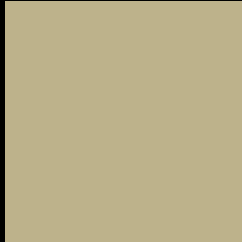
Large Text (above 18pt) WCAG AA × Fail

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 44.5237, 0.3555, 0.3808 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

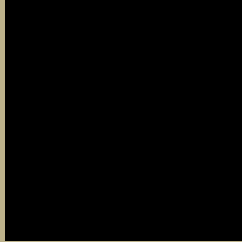
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.5237, 0.3555, 0.3808

Background



This preview shows how black text looks on a background with the Yxy color 44.5237, 0.3555, 0.3808.



This preview shows how white text looks on a background with the Yxy color 44.5237, 0.3555, 0.3808.

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

44.5237, 0.3555, 0.3808

Protanopia

44.6520, 0.3565, 0.3806

Deuteranopia

44.4292, 0.3753, 0.3680



Tritanopia

44.6099, 0.3224, 0.3126

Trichromacy



Original Color

44.5237, 0.3555, 0.3808

Protanomaly

44.6520, 0.3565, 0.3806

Deuteranomaly

44.5831, 0.3674, 0.3726

Tritanomaly

44.4367, 0.3350, 0.3368

Monochromacy



Original Color

44.5237, 0.3555, 0.3808

Achromatopsia

43.9657, 0.3127, 0.3290

Achromatomaly

43.9124, 0.3278, 0.3478

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.5237, 0.3555, 0.3808 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(189, 178, 139)` looks like.

```
.text, #text, p{  
    color:rgb(189, 178, 139)  
}
```

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(189, 178, 139) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 178, 139) }
```

Border

The CSS property to change the border of an element to Yxy 44.5237, 0.3555, 0.3808 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(189, 178, 139) }
```

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

```
.border{ border-color:rgb(189, 178, 139) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 178, 139)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(189, 178, 139); -webkit-box-shadow:4px 4px 4px 4px rgb(189, 178, 139); box-shadow:4px 4px 4px 4px rgb(189, 178, 139) }
```


Background

The CSS property to change the background color of an element to Yxy 44.5237, 0.3555, 0.3808 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 178, 139) }
```

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

```
.background{ background-color: rgb(189,  
178, 139) }
```

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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