

Converting Colors

$Yxy(44.2384, 0.3677, 0.4179)$

Have a look what the booklet for
Yxy(44.2384, 0.3677, 0.4179)
contains.

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Color

Yxy(44.2306, 0.3676, 0.4179)

Conversions

Conversions Part 1

Format	Color
Hex	B6B573
RGB	182, 181, 115
RGB Percent	71%, 71%, 45%
CMY	0.2863, 0.2902, 0.5491
CMYK	0.00, 0.01, 0.37, 0.29
HSL	59°, 31%, 58%
HSV	59°, 37%, 71%
XYZ	38.9068, 44.2306, 22.7027
YIQ	173.7750, 21.7820, -20.3140

Conversions

Conversions Part 2

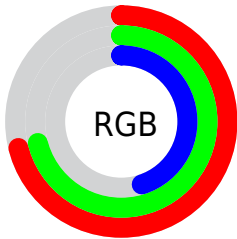
Format	Color
RYB	116, 182, 115
Decimal	11974003
CIELab	72.38, -9.71, 33.79
CIELCh	72, 35.155, 106.032
Yxy	44.2306, 0.3676, 0.4179
Android (android.graphics.Color)	4290164083 (0xFFB6B573)
YUV	173.7750, -28.9761, 7.2133
Hunter-Lab	66.5061, -11.9611, 26.3149

Details

The Yxy color **44.2306, 0.3676, 0.4179** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **19.5041, 0.2468, 0.2213**, and the grayscale version is **42.3486, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.7462, 0.3582, 0.4014**, and **20.4092, 0.3821, 0.4437** is the 20% darker color. If you saturate the color by 10%, you get **43.7464, 0.3815, 0.4403**, and if you desaturate by 10%, it is **44.8018, 0.3528, 0.3940**.

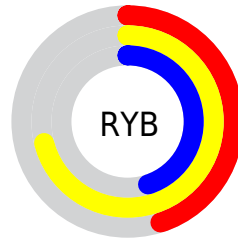
Distribution



Red (71%)

Green (71%)

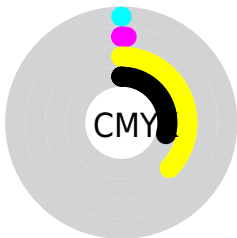
Blue (45%)



Red (45%)

Yellow (71%)

Blue (45%)

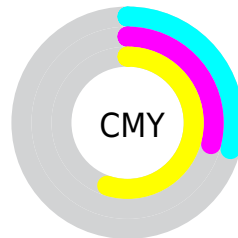


Cyan (0%)

Magenta (1%)

Yellow (37%)

Black (29%)



Cyan (29%)


Magenta (29%)

Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.2306, 0.3676, 0.4179 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 44.2306, 0.3676, 0.4179 by changing the saturation by 10% instead.

 44.2306, 0.3676,
0.4179

 44.2306, 0.3676,
0.4179


363.6485, 0.3410,
0.3727


 30.8518, 0.3737,
0.4292


 81.5646, 0.3583,
0.4014

 20.4861, 0.3812,
0.4435


 106.2887, 0.3547,
0.3953

 12.7488, 0.3903,
0.4621

 135.5633, 0.3516,
0.3901

 7.2558, 0.4012,
0.4871

169.7729, 0.3489,
0.3856

 3.6226, 0.4205,
0.5304

209.3018, 0.3465,
0.3817

 1.4648, 0.4258,
0.5742

254.5344, 0.3445,

 0.2637, 0.0493,

0.3783

0.9507

305.8552, 0.3427,
0.3754

0.0000, 0.0000,
0.0000

44.2306, 0.3676,
0.4179

44.2306, 0.3676,
0.4179

43.7464, 0.3815,
0.4403

44.8018, 0.3528,
0.3940

43.3382, 0.3940,
0.4602

45.4583, 0.3376,
0.3695

43.0026, 0.4045,
0.4768

46.2064, 0.3227,
0.3452

42.7335, 0.4125,
0.4894

47.0500, 0.3082,
0.3216

42.5238, 0.4180,
0.4978

47.9927, 0.2945,
0.2993

■ 42.3638, 0.4211,
0.5022

■ 49.0381, 0.2817,
0.2784

■ 42.3171, 0.4219,
0.5032

■ 50.1894, 0.2699,
0.2591

■ 51.0852, 0.2623,
0.2468

■ 51.1949, 0.2624,
0.2471

Harmonies

Analogous

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



44.2306, 0.4022, 0.3961



44.2306, 0.3676, 0.4179



44.2306, 0.3198, 0.4135

Triad

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



44.2306, 0.3676, 0.4179



44.2306, 0.2223, 0.2853



44.2306, 0.3502, 0.2849

Complementary

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



44.2306, 0.3676, 0.4179



19.5041, 0.2468, 0.2213

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.



44.2306, 0.2992, 0.2595



44.2306, 0.3676, 0.4179



44.2306, 0.2287, 0.2574

Square

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



44.2306, 0.3676, 0.4179



44.2306, 0.2374, 0.3301



44.2306, 0.2556, 0.2493



44.2306, 0.3931, 0.3205

Rectangle

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



44.2306, 0.3676, 0.4179



44.2306, 0.2873, 0.3937



44.2306, 0.2556, 0.2493



44.2306, 0.3332, 0.2750

Sweetspot

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



44.2326, 0.3676, 0.4179



83.1717, 0.3292, 0.3557



23.4660, 0.3990, 0.3276



18.3297, 0.3312, 0.3590



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.



44.2326, 0.3676, 0.4179



79.4955, 0.3787, 0.4358



41.1345, 0.3370, 0.4289



10.4803, 0.3264, 0.3513



29.8978, 0.4218, 0.5033



1.0612, 0.4211, 0.5038

Inverse Universe

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



19.5041, 0.2468, 0.2213



28.2342, 0.2301, 0.1938



21.8734, 0.2790, 0.2288



8.7399, 0.2984, 0.3057



2.4343, 0.1503, 0.0611



0.0930, 0.1516, 0.0657

Previews

White Background



This preview shows how the Yxy color 44.2306, 0.3676, 0.4179 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 44.2306, 0.3676, 0.4179 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

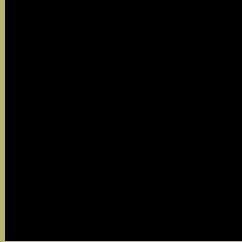
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.2306, 0.3676, 0.4179

Background



This preview shows how black text looks on a background with the Yxy color 44.2306, 0.3676, 0.4179.



This preview shows how white text looks on a background with the Yxy color 44.2306, 0.3676, 0.4179.

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

44.2306, 0.3676, 0.4179

Protanopia

43.9966, 0.3808, 0.4111

Deuteranopia

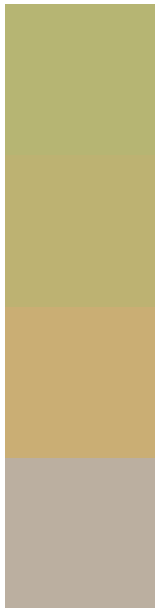
44.1799, 0.4013, 0.3938



Tritanopia

43.9974, 0.3171, 0.3111

Trichromacy



Original Color

44.2306, 0.3676, 0.4179

Protanomaly

43.8745, 0.3765, 0.4135

Deuteranomaly

44.0896, 0.3894, 0.4026

Tritanomaly

43.7628, 0.3362, 0.3489

Monochromacy



Original Color

44.2306, 0.3676, 0.4179

Achromatopsia

42.3268, 0.3127, 0.3290

Achromatomaly

43.0913, 0.3326, 0.3619

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.2306, 0.3676, 0.4179 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(182, 181, 115)` looks like.

```
.text, #text, p{  
    color:rgb(182, 181, 115)  
}
```

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(182, 181, 115) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 181, 115) }
```

Border

The CSS property to change the border of an element to Yxy 44.2306, 0.3676, 0.4179 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(182, 181, 115) }
```

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

```
.border{ border-color:rgb(182, 181, 115) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 181, 115)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 181, 115); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 181, 115);  
box-shadow:4px 4px 4px 4px rgb(182, 181,  
115) }
```


Background

The CSS property to change the background color of an element to Yxy 44.2306, 0.3676, 0.4179 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 181, 115) }
```

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

```
.background{ background-color: rgb(182,  
181, 115) }
```

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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