

Converting Colors

$Y_{xy}(47.4050, 0.3722, 0.4005)$

Have a look what the booklet for
Yxy(47.4050, 0.3722, 0.4005)
contains.

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Color

Yxy(47.4050, 0.3722, 0.4005)

Conversions

Conversions Part 1

Format	Color
Hex	C6B77F
RGB	198, 183, 127
RGB Percent	78%, 72%, 50%
CMY	0.2235, 0.2823, 0.5020
CMYK	0.00, 0.08, 0.36, 0.22
HSL	47°, 38%, 64%
HSV	47°, 36%, 78%
XYZ	44.0553, 47.4050, 26.9043
YIQ	181.1010, 26.9160, -14.2360

Conversions

Conversions Part 2

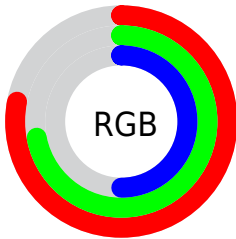
Format	Color
RYB	146, 198, 127
Decimal	13023103
CIELab	74.45, -2.91, 30.44
CIElCh	74, 30.582, 95.462
Yxy	47.4050, 0.3722, 0.4005
Android (android.graphics.Color)	4291213183 (0xFFC6B77F)
YUV	181.1010, -26.6718, 14.8204
Hunter-Lab	68.8513, -6.2745, 25.0278

Details

The Yxy color **47.4050, 0.3722, 0.4005** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **27.9377, 0.2513, 0.2453**, and the grayscale version is **46.4036, 0.3127, 0.3290**.

A 20% lighter version of the original color is **86.2883, 0.3615, 0.3883**, and **22.3407, 0.3879, 0.4197** is the 20% darker color. If you saturate the color by 10%, you get **45.2394, 0.3901, 0.4198**, and if you desaturate by 10%, it is **49.7278, 0.3545, 0.3803**.

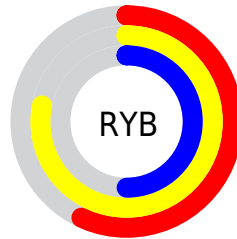
Distribution



Red (78%)

Green (72%)

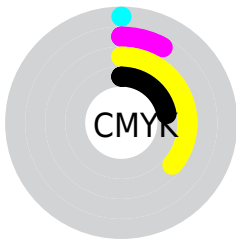
Blue (50%)



Red (57%)

Yellow (78%)

Blue (50%)

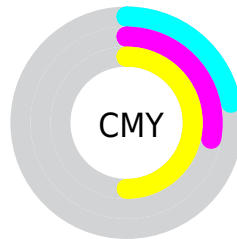


Cyan (0%)

Magenta (8%)

Yellow (36%)

Black (22%)



Cyan (22%)


Magenta (28%)


Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 47.4050, 0.3722, 0.4005 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 47.4050, 0.3722, 0.4005 by changing the saturation by 10% instead.


 47.4050, 0.3722,
0.4005


 47.4050, 0.3722,
0.4005


376.4288, 0.3431,
0.3651


 33.3559, 0.3791,
0.4091


 86.3178, 0.3619,
0.3878

 22.3993, 0.3877,
0.4199


 111.9504, 0.3579,
0.3829

 14.1506, 0.3986,
0.4338


 142.2130, 0.3545,
0.3788

 8.2255, 0.4127,
0.4521

177.4898, 0.3516,
0.3753

 4.2396, 0.4310,
0.4769

218.1655, 0.3491,
0.3722

 1.8084, 0.4705,
0.5295

264.6243, 0.3468,

 0.4924, 0.4463,

0.3696

0.5537

317.2506, 0.3449,
0.3672

0.0000, 0.0000,
0.0000

47.4050, 0.3722,
0.4005

47.4050, 0.3722,
0.4005

45.2394, 0.3901,
0.4198

49.7278, 0.3545,
0.3803

43.2180, 0.4077,
0.4373

52.2072, 0.3375,
0.3600

41.3359, 0.4240,
0.4520


54.8508, 0.3215,
0.3402

39.5854, 0.4385,
0.4628

57.6639, 0.3068,
0.3213


37.9573, 0.4504,
0.4692

60.6514, 0.2932,
0.3035

 36.4403, 0.4593,
0.4709

 63.8179, 0.2810,
0.2870

 35.8367, 0.4626,
0.4709

 66.4659, 0.2759,
0.2823

 68.5899, 0.2763,
0.2870

 70.7686, 0.2766,
0.2917

Harmonies

Analogous

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



47.4050, 0.3948, 0.3773



47.4050, 0.3722, 0.4005



47.4050, 0.3343, 0.4044

Triad

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



47.4050, 0.3722, 0.4005



47.4050, 0.2374, 0.3045



47.4050, 0.3296, 0.2820

Complementary

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



47.4050, 0.3722, 0.4005



27.9377, 0.2513, 0.2453

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.



47.4050, 0.2870, 0.2642



47.4050, 0.3722, 0.4005



47.4050, 0.2363, 0.2746

Square

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



47.4050, 0.3722, 0.4005



47.4050, 0.2572, 0.3453



47.4050, 0.2537, 0.2610



47.4050, 0.3699, 0.3106

Rectangle

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



47.4050, 0.3722, 0.4005



47.4050, 0.3060, 0.3933



47.4050, 0.2537, 0.2610



47.4050, 0.3150, 0.2747

Sweetspot

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



47.4072, 0.3722, 0.4005



94.5982, 0.3299, 0.3506



29.1495, 0.3791, 0.3087



20.1109, 0.3321, 0.3534



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



47.4072, 0.3722, 0.4005



80.9274, 0.3862, 0.4157



51.3789, 0.3487, 0.4229



12.0216, 0.3270, 0.3471



23.4294, 0.4619, 0.4714



1.2075, 0.4514, 0.4798

Inverse Universe

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



27.9377, 0.2513, 0.2453



41.4727, 0.2364, 0.2234



25.4690, 0.2662, 0.2272



10.6448, 0.2983, 0.3102



3.8243, 0.1564, 0.0829



0.2894, 0.1673, 0.1223

Previews

White Background



This preview shows how the Yxy color 47.4050, 0.3722, 0.4005 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 47.4050, 0.3722, 0.4005 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

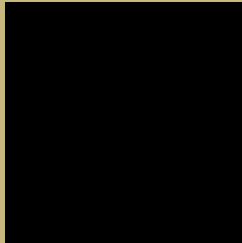
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 47.4050, 0.3722, 0.4005

Background



This preview shows how black text looks on a background with the Yxy color 47.4050, 0.3722, 0.4005.



This preview shows how white text looks on a background with the Yxy color 47.4050, 0.3722, 0.4005.

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

47.4050, 0.3722, 0.4005

Protanopia

47.4050, 0.3722, 0.4005

Deuteranopia

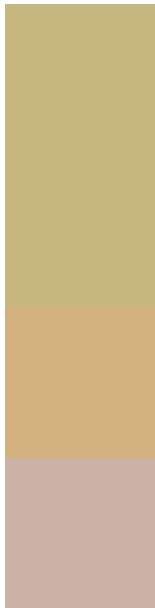
47.1503, 0.3929, 0.3843



Tritanopia

47.3132, 0.3276, 0.3120

Trichromacy



Original Color

47.4050, 0.3722, 0.4005

Protanomaly

47.4050, 0.3722, 0.4005

Deuteranomaly

47.2482, 0.3858, 0.3904

Tritanomaly

47.1505, 0.3442, 0.3442

Monochromacy



Original Color

47.4050, 0.3722, 0.4005

Achromatopsia

46.2077, 0.3127, 0.3290

Achromatomaly

46.5939, 0.3341, 0.3566

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.4050, 0.3722, 0.4005 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(198, 183, 127)` looks like.

```
.text, #text, p{  
    color:rgb(198, 183, 127)  
}
```

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(198, 183, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 183, 127) }
```

Border

The CSS property to change the border of an element to Yxy 47.4050, 0.3722, 0.4005 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(198, 183, 127) }
```

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

```
.border{ border-color:rgb(198, 183, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 183, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 183, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 183, 127);  
box-shadow:4px 4px 4px 4px rgb(198, 183,  
127) }
```


Background

The CSS property to change the background color of an element to Yxy 47.4050, 0.3722, 0.4005 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 183, 127) }
```

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

```
.background{ background-color: rgb(198,  
183, 127) }
```

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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