

Converting Colors

$Y_{xy}(47.0129, 0.4033, 0.4562)$

Have a look what the booklet for
Yxy(47.0129, 0.4033, 0.4562)
contains.

Yxy(47.0129, 0.4033, 0.4562)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(47.0129, 0.4033, 0.4562)

Conversions

Conversions Part 1

Format	Color
Hex	C4B950
RGB	196, 185, 80
RGB Percent	77%, 73%, 31%
CMY	0.2314, 0.2745, 0.6861
CMYK	0.00, 0.06, 0.59, 0.23
HSL	54°, 50%, 54%
HSV	54°, 59%, 77%
XYZ	41.5614, 47.0129, 14.4790
YIQ	176.3190, 40.2610, -30.3230

Conversions

Conversions Part 2

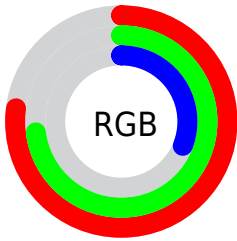
Format	Color
RYB	92, 196, 80
Decimal	12892496
CIELab	74.20, -9.28, 53.43
CIELCh	74, 54.230, 99.850
Yxy	47.0129, 0.4033, 0.4562
Android (android.graphics.Color)	4291082576 (0xFFC4B950)
YUV	176.3190, -47.4853, 17.2602
Hunter-Lab	68.5660, -11.7923, 35.4760

Details

The Yxy color **47.0129, 0.4033, 0.4562** is a light color, and the websafe version is hex **CCCC66**. The color can be described as light muted orange. A complement of this color would be **13.1774, 0.2024, 0.1568**, and the grayscale version is **43.8306, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.8640, 0.3895, 0.4348**, and **22.0617, 0.4210, 0.4869** is the 20% darker color. If you saturate the color by 10%, you get **45.9944, 0.4154, 0.4711**, and if you desaturate by 10%, it is **48.1304, 0.3893, 0.4379**.

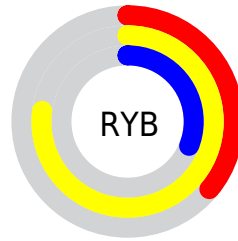
Distribution



Red (77%)

Green (73%)

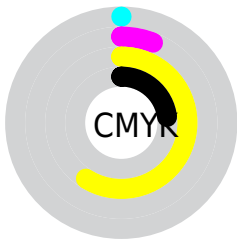
Blue (31%)



Red (36%)

Yellow (77%)

Blue (31%)

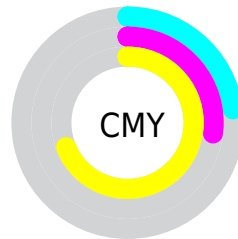


Cyan (0%)

Magenta (6%)

Yellow (59%)

Black (23%)



Cyan (23%)


Magenta (27%)


Yellow (69%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 47.0129, 0.4033, 0.4562 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 47.0129, 0.4033, 0.4562 by changing the saturation by 10% instead.


 47.0129, 0.4033,
0.4562

 47.0129, 0.4033,
0.4562

374.8660, 0.3617,
0.3945


 33.0459, 0.4117,
0.4700


 85.7329, 0.3895,
0.4347

 22.1616, 0.4212,
0.4865


 111.2546, 0.3839,
0.4264

 13.9757, 0.4311,
0.5059


 141.3967, 0.3789,
0.4191

 8.1037, 0.4430,
0.5316

 176.5435, 0.3746,
0.4129

 4.1614, 0.4462,
0.5538

 217.0794, 0.3708,
0.4074

 1.7643, 0.4323,
0.5677

263.3889, 0.3674,

 0.4647, 0.3166,

0.4026

0.6834

315.8563, 0.3644,
0.3983

0.0000, 0.0000,
0.0000

47.0129, 0.4033,
0.4562

47.0129, 0.4033,
0.4562

45.9944, 0.4154,
0.4711

48.1304, 0.3893,
0.4379

45.0607, 0.4251,
0.4820

49.3471, 0.3740,
0.4171

44.2051, 0.4321,
0.4884

50.6712, 0.3580,
0.3948

43.4120, 0.4367,
0.4910

52.1082, 0.3420,
0.3719

43.3470, 0.4370,
0.4912

53.6633, 0.3264,
0.3492

■ 55.3412, 0.3115,
0.3272

■ 57.1464, 0.2975,
0.3063

■ 59.0832, 0.2846,
0.2868

■ 61.0635, 0.2737,
0.2701

Harmonies

Analogous

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



47.0129, 0.4511, 0.4123



47.0129, 0.4033, 0.4562



47.0129, 0.3346, 0.4661

Triad

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



47.0129, 0.4033, 0.4562



47.0129, 0.1843, 0.2724



47.0129, 0.3521, 0.2561

Complementary

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



47.0129, 0.4033, 0.4562



13.1774, 0.2024, 0.1568

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.



47.0129, 0.2763, 0.2249



47.0129, 0.4033, 0.4562



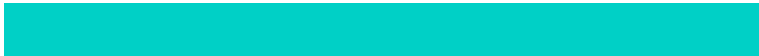
47.0129, 0.1878, 0.2290

Square

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



47.0129, 0.4033, 0.4562



47.0129, 0.2099, 0.3442



47.0129, 0.2189, 0.2145



47.0129, 0.4233, 0.3027

Rectangle

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



47.0129, 0.4033, 0.4562



47.0129, 0.2863, 0.4430



47.0129, 0.2189, 0.2145



47.0129, 0.3259, 0.2436

Sweetspot

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



47.0151, 0.4033, 0.4562



94.6452, 0.3406, 0.3699



18.2430, 0.4758, 0.3151



20.0874, 0.3453, 0.3767



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.



47.0151, 0.4033, 0.4562



82.8141, 0.4185, 0.4748



46.5030, 0.3547, 0.4895



11.5899, 0.3267, 0.3496



27.9233, 0.4368, 0.4914



1.2548, 0.4324, 0.4949

Inverse Universe

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



13.1774, 0.2024, 0.1568



16.1735, 0.1794, 0.1179



14.1946, 0.2402, 0.1586



9.8980, 0.2983, 0.3075



2.9088, 0.1520, 0.0672



0.1788, 0.1587, 0.0914

Previews

White Background



This preview shows how the Yxy color 47.0129, 0.4033, 0.4562 looks on a white background.

Color Contrast Check

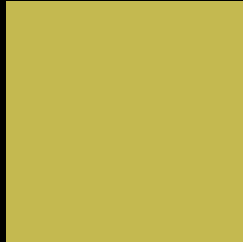
Large Text (above 18pt) WCAG AA × Fail

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 47.0129, 0.4033, 0.4562 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

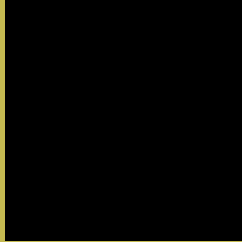
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 47.0129, 0.4033, 0.4562

Background



This preview shows how black text looks on a background with the Yxy color 47.0129, 0.4033, 0.4562.



This preview shows how white text looks on a background with the Yxy color 47.0129, 0.4033, 0.4562.

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

47.0129, 0.4033, 0.4562

Protanopia

47.1280, 0.4119, 0.4517

Deuteranopia

47.0654, 0.4375, 0.4284



Tritanopia

46.9818, 0.3304, 0.3132

Trichromacy



Original Color

47.0129, 0.4033, 0.4562

Protanomaly

47.1249, 0.4084, 0.4542

Deuteranomaly

46.8971, 0.4249, 0.4383

Tritanomaly

46.5355, 0.3599, 0.3671

Monochromacy



Original Color

47.0129, 0.4033, 0.4562

Achromatopsia

43.4154, 0.3127, 0.3290

Achromatomaly

44.2306, 0.3479, 0.3803

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.0129, 0.4033, 0.4562 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(196, 185, 80)` looks like.

```
.text, #text, p{  
    color:rgb(196, 185, 80)  
}
```

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(196, 185, 80) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 185, 80) }
```

Border

The CSS property to change the border of an element to Yxy 47.0129, 0.4033, 0.4562 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(196, 185, 80) }
```

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

```
.border{ border-color:rgb(196, 185, 80) }
```

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

Here you see how a box with a 4 pixel `rgb(196, 185, 80)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 185, 80); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 185, 80);  
box-shadow:4px 4px 4px 4px rgb(196, 185,  
80) }
```


Background

The CSS property to change the background color of an element to Yxy 47.0129, 0.4033, 0.4562 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 185, 80) }
```

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

```
.background{ background-color: rgb(196,  
185, 80) }
```

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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