

Converting Colors

$Y_{xy}(41.5972, 0.3884, 0.4298)$

Have a look what the booklet for
Yxy(41.5972, 0.3884, 0.4298)
contains.

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Color

Yxy(41.5930, 0.3884, 0.4297)

Conversions

Conversions Part 1

Format	Color
Hex	BAAE62
RGB	186, 174, 98
RGB Percent	73%, 68%, 38%
CMY	0.2705, 0.3177, 0.6156
CMYK	0.00, 0.06, 0.47, 0.27
HSL	52°, 39%, 56%
HSV	52°, 47%, 73%
XYZ	37.5953, 41.5930, 17.6071
YIQ	168.9240, 31.5480, -21.0920

Conversions

Conversions Part 2

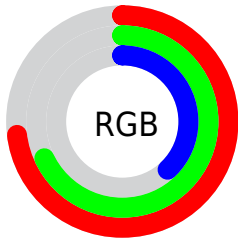
Format	Color
RYB	112, 186, 98
Decimal	12234338
CIELab	70.59, -6.20, 40.33
CIELCh	71, 40.804, 98.739
Yxy	41.5930, 0.3884, 0.4297
Android (android.graphics.Color)	4290424418 (0xFFBAAE62)
YUV	168.9240, -34.9655, 14.9757
Hunter-Lab	64.4926, -8.8073, 28.9581

Details

The Yxy color **41.5930, 0.3884, 0.4297** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **17.3067, 0.2277, 0.2022**, and the grayscale version is **39.8043, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.4737, 0.3760, 0.4113**, and **18.9661, 0.4064, 0.4568** is the 20% darker color. If you saturate the color by 10%, you get **40.3102, 0.4037, 0.4480**, and if you desaturate by 10%, it is **42.9799, 0.3721, 0.4093**.

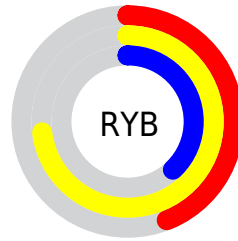
Distribution



Red (73%)

Green (68%)

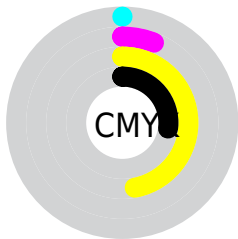
Blue (38%)



Red (44%)

Yellow (73%)

Blue (38%)

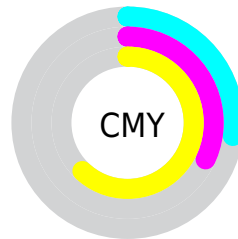


Cyan (0%)

Magenta (6%)

Yellow (47%)

Black (27%)



Cyan (27%)


Magenta (32%)


Yellow (62%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 41.5930, 0.3884, 0.4297 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 41.5930, 0.3884, 0.4297 by changing the saturation by 10% instead.


 41.5930, 0.3884,
0.4297


 41.5930, 0.3884,
0.4297


352.7930, 0.3515,
0.3790

 28.7827, 0.3968,
0.4419

 77.5833, 0.3755,
0.4115

 18.9165, 0.4070,
0.4572


 101.5321, 0.3705,
0.4046

 11.6100, 0.4190,
0.4763


 129.9625, 0.3662,
0.3987

 6.4787, 0.4328,
0.5002

 163.2590, 0.3624,
0.3936

 3.1383, 0.4573,
0.5427

201.8058, 0.3592,
0.3892

 1.2043, 0.4458,
0.5542

245.9875, 0.3563,

 0.0653, 0.0000,

0.3854

1.0000

296.1885, 0.3538,
0.3820

0.0000, 0.0000,
0.0000

41.5930, 0.3884,
0.4297

41.5930, 0.3884,
0.4297

40.3102, 0.4037,
0.4480

42.9799, 0.3721,
0.4093

39.1200, 0.4175,
0.4631

44.4704, 0.3556,
0.3877

38.0175, 0.4290,
0.4744


46.0713, 0.3393,
0.3658

36.9953, 0.4379,
0.4813

47.7871, 0.3236,
0.3443

36.0422, 0.4441,
0.4839


49.6221, 0.3088,
0.3235

 35.7920, 0.4456,
0.4844

 51.5802, 0.2951,
0.3039

 53.6652, 0.2826,
0.2856

 55.8807, 0.2712,
0.2687

 57.5390, 0.2667,
0.2634

Harmonies

Analogous

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



41.5930, 0.4240, 0.3970



41.5930, 0.3884, 0.4297



41.5930, 0.3343, 0.4350

Triad

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



41.5930, 0.3884, 0.4297



41.5930, 0.2093, 0.2877



41.5930, 0.3421, 0.2690

Complementary

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



41.5930, 0.3884, 0.4297



17.3067, 0.2277, 0.2022

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.



41.5930, 0.2825, 0.2437



41.5930, 0.3884, 0.4297



41.5930, 0.2109, 0.2505

Square

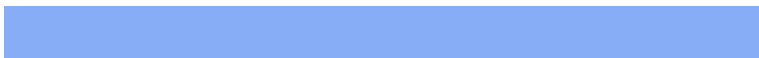
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



41.5930, 0.3884, 0.4297



41.5930, 0.2322, 0.3443



41.5930, 0.2361, 0.2364



41.5930, 0.3976, 0.3075

Rectangle

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



41.5930, 0.3884, 0.4297



41.5930, 0.2955, 0.4173



41.5930, 0.2361, 0.2364



41.5930, 0.3216, 0.2588

Sweetspot

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



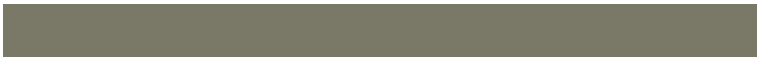
41.5949, 0.3884, 0.4297



84.4171, 0.3344, 0.3591



20.3342, 0.4205, 0.3108



18.4445, 0.3378, 0.3639



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.



41.5949, 0.3884, 0.4297



72.9021, 0.4047, 0.4490



43.0006, 0.3529, 0.4553



10.2884, 0.3267, 0.3486



24.1538, 0.4452, 0.4847



0.9098, 0.4376, 0.4907

Inverse Universe

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



17.3067, 0.2277, 0.2022



23.5546, 0.2068, 0.1687



16.9390, 0.2537, 0.1930



8.9122, 0.2984, 0.3086



2.9310, 0.1534, 0.0721



0.1673, 0.1635, 0.1086

Previews

White Background



This preview shows how the Yxy color 41.5930, 0.3884, 0.4297 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 41.5930, 0.3884, 0.4297 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 41.5930, 0.3884, 0.4297

Background



This preview shows how black text looks on a background with the Yxy color 41.5930, 0.3884, 0.4297.



This preview shows how white text looks on a background with the Yxy color 41.5930, 0.3884, 0.4297.

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

41.5930, 0.3884, 0.4297

Protanopia

41.7161, 0.3929, 0.4271

Deuteranopia

41.5320, 0.4162, 0.4083



Tritanopia

41.5940, 0.3284, 0.3123

Trichromacy



Original Color

41.5930, 0.3884, 0.4297

Protanomaly

41.5878, 0.3919, 0.4274

Deuteranomaly

41.3236, 0.4062, 0.4161

Tritanomaly

41.2516, 0.3515, 0.3544

Monochromacy



Original Color

41.5930, 0.3884, 0.4297

Achromatopsia

39.6755, 0.3127, 0.3290

Achromatomaly

40.2230, 0.3406, 0.3683

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.5930, 0.3884, 0.4297 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(186, 174, 98)` looks like.

```
.text, #text, p{  
    color:rgb(186, 174, 98)  
}
```

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(186, 174, 98) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 174, 98) }
```

Border

The CSS property to change the border of an element to Yxy 41.5930, 0.3884, 0.4297 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(186, 174, 98) }
```

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

```
.border{ border-color:rgb(186, 174, 98) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 174, 98)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 174, 98); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 174, 98);  
box-shadow:4px 4px 4px 4px rgb(186, 174,  
98) }
```


Background

The CSS property to change the background color of an element to Yxy 41.5930, 0.3884, 0.4297 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 174, 98) }
```

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

```
.background{ background-color: rgb(186,  
174, 98) }
```

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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