

Converting Colors

$Y_{xy}(44.1015, 0.3797, 0.4280)$

Have a look what the booklet for
Yxy(44.1015, 0.3797, 0.4280)
contains.

Yxy(44.1015, 0.3797, 0.4280)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(44.1015, 0.3797, 0.4280)

Conversions

Conversions Part 1

Format	Color
Hex	BAB469
RGB	186, 180, 105
RGB Percent	73%, 71%, 41%
CMY	0.2705, 0.2941, 0.5882
CMYK	0.00, 0.03, 0.44, 0.27
HSL	56°, 37%, 57%
HSV	56°, 44%, 73%
XYZ	39.1246, 44.1015, 19.8148
YIQ	173.2440, 27.6510, -22.0530

Conversions

Conversions Part 2

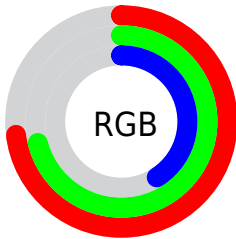
Format	Color
RYB	111, 186, 105
Decimal	12235881
CIELab	72.30, -8.65, 38.90
CIELCh	72, 39.847, 102.532
Yxy	44.1015, 0.3797, 0.4280
Android (android.graphics.Color)	4290425961 (0xFFBAB469)
YUV	173.2440, -33.6443, 11.1870
Hunter-Lab	66.4090, -11.0530, 28.7956

Details

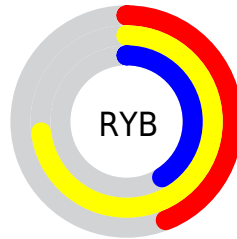
The Yxy color **44.1015, 0.3797, 0.4280** is a light color, and the websafe version is hex **CCCC66**. A complement of this color would be **17.9237, 0.2338, 0.2057**, and the grayscale version is **42.0870, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.4799, 0.3683, 0.4109**, and **20.2799, 0.3962, 0.4555** is the 20% darker color. If you saturate the color by 10%, you get **43.2063, 0.3940, 0.4481**, and if you desaturate by 10%, it is **45.0900, 0.3644, 0.4060**.

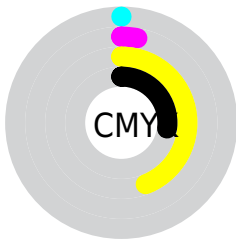
Distribution



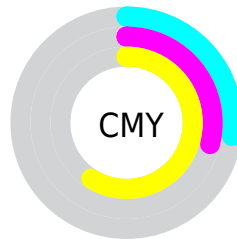
- Red (73%)
- Green (71%)
- Blue (41%)



- Red (44%)
- Yellow (73%)
- Blue (41%)



- Cyan (0%)
- Magenta (3%)
- Yellow (44%)
- Black (27%)





- Cyan (27%)
- Magenta (29%)
- Yellow (59%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.1015, 0.3797, 0.4280 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 44.1015, 0.3797, 0.4280 by changing the saturation by 10% instead.


 44.1015, 0.3797,
0.4280

 44.1015, 0.3797,
0.4280

363.1223, 0.3474,
0.3782

 30.7503, 0.3870,
0.4401


 81.3705, 0.3685,
0.4100

 20.4088, 0.3958,
0.4553


 106.0570, 0.3641,
0.4032

 12.6925, 0.4062,
0.4747


 135.2908, 0.3603,
0.3974

 7.2172, 0.4181,
0.4996

 169.4563, 0.3570,
0.3925

 3.5983, 0.4471,
0.5529

208.9377, 0.3542,
0.3882

 1.4515, 0.4326,
0.5674

254.1196, 0.3517,

 0.2542, 0.1073,

0.3844

0.8927

305.3864, 0.3494,
0.3811

0.0000, 0.0000,
0.0000

44.1015, 0.3797,
0.4280

44.1015, 0.3797,
0.4280

43.2063, 0.3940,
0.4481

45.0900, 0.3644,
0.4060

42.3928, 0.4067,
0.4652

46.1707, 0.3486,
0.3829

41.6568, 0.4173,
0.4787


47.3504, 0.3330,
0.3597


40.9912, 0.4252,
0.4879


48.6332, 0.3179,
0.3369


40.3874, 0.4305,
0.4928

50.0233, 0.3036,
0.3151

 40.0199, 0.4330,
0.4944

 51.5245, 0.2902,
0.2945

 53.1405, 0.2779,
0.2754

 54.8746, 0.2667,
0.2578

 55.5568, 0.2661,
0.2583

Harmonies

Analogous

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



44.1015, 0.4167, 0.3995



44.1015, 0.3797, 0.4280



44.1015, 0.3266, 0.4282

Triad

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



44.1015, 0.3797, 0.4280



44.1015, 0.2121, 0.2839



44.1015, 0.3483, 0.2754

Complementary

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



44.1015, 0.3797, 0.4280



17.9237, 0.2338, 0.2057

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.



44.1015, 0.2906, 0.2491



44.1015, 0.3797, 0.4280



44.1015, 0.2165, 0.2507

Square

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



44.1015, 0.3797, 0.4280



44.1015, 0.2314, 0.3364



44.1015, 0.2437, 0.2397



44.1015, 0.3994, 0.3138

Rectangle

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



44.1015, 0.3797, 0.4280



44.1015, 0.2896, 0.4082



44.1015, 0.2437, 0.2397



44.1015, 0.3288, 0.2650

Sweetspot

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



44.1035, 0.3797, 0.4280



85.8789, 0.3325, 0.3589



21.7096, 0.4157, 0.3198



18.8036, 0.3359, 0.3640



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.



44.1035, 0.3797, 0.4280



78.4016, 0.3931, 0.4468



42.8477, 0.3455, 0.4470



10.3860, 0.3266, 0.3500



26.9653, 0.4328, 0.4946



0.9848, 0.4289, 0.4976

Inverse Universe

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



17.9237, 0.2338, 0.2057



24.9892, 0.2147, 0.1746



19.1178, 0.2651, 0.2067



8.8239, 0.2984, 0.3072



2.6376, 0.1516, 0.0657



0.1293, 0.1577, 0.0876

Previews

White Background



This preview shows how the Yxy color 44.1015, 0.3797, 0.4280 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 44.1015, 0.3797, 0.4280 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

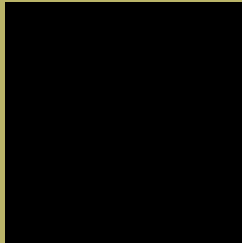
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.1015, 0.3797, 0.4280

Background



This preview shows how black text looks on a background with the Yxy color 44.1015, 0.3797, 0.4280.



This preview shows how white text looks on a background with the Yxy color 44.1015, 0.3797, 0.4280.

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

44.1015, 0.3797, 0.4280

Protanopia

43.9131, 0.3898, 0.4230

Deuteranopia

43.8845, 0.4125, 0.4035



Tritanopia

44.1886, 0.3234, 0.3126

Trichromacy



Original Color

44.1015, 0.3797, 0.4280

Protanomaly

43.9166, 0.3863, 0.4252

Deuteranomaly

43.7651, 0.4002, 0.4127

Tritanomaly

43.8451, 0.3455, 0.3540

Monochromacy



Original Color

44.1015, 0.3797, 0.4280

Achromatopsia

41.7885, 0.3127, 0.3290

Achromatomaly

42.6538, 0.3380, 0.3675

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.1015, 0.3797, 0.4280 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, 180, 105)` looks like.

```
.text, #text, p{  
    color:rgb(186, 180, 105)  
}
```

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, 180, 105) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 180, 105) }
```

Border

The CSS property to change the border of an element to Yxy 44.1015, 0.3797, 0.4280 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, 180, 105) }
```

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

```
.border{ border-color:rgb(186, 180, 105) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 180, 105)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 180, 105); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 180, 105);  
box-shadow:4px 4px 4px 4px rgb(186, 180,  
105) }
```


Background

The CSS property to change the background color of an element to Yxy 44.1015, 0.3797, 0.4280 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 180, 105) }
```

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

```
.background{ background-color: rgb(186,  
180, 105) }
```

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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