

Converting Colors

$Y_{xy}(41.6763, 0.3842, 0.4121)$

Have a look what the booklet for
Yxy(41.6763, 0.3842, 0.4121)
contains.

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Color

Yxy(41.5563, 0.3846, 0.4125)

Conversions

Conversions Part 1

Format	Color
Hex	BEAC6D
RGB	190, 172, 109
RGB Percent	75%, 67%, 43%
CMY	0.2549, 0.3255, 0.5726
CMYK	0.00, 0.09, 0.43, 0.25
HSL	47°, 38%, 59%
HSV	47°, 43%, 75%
XYZ	38.7456, 41.5563, 20.4407
YIQ	170.2000, 30.9510, -15.7770

Conversions

Conversions Part 2

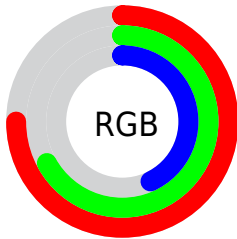
Format	Color
RYB	132, 190, 109
Decimal	12495981
CIELab	70.56, -2.38, 34.73
CIElCh	71, 34.812, 93.928
Yxy	41.5563, 0.3846, 0.4125
Android (android.graphics.Color)	4290686061 (0xFFBEAC6D)
YUV	170.2000, -30.1716, 17.3646
Hunter-Lab	64.4642, -5.5266, 26.3249

Details

The Yxy color **41.5563, 0.3846, 0.4125** is a light color, and the websafe version is hex **999966**. A complement of this color would be **22.1362, 0.2388, 0.2280**, and the grayscale version is **40.4449, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.4678, 0.3725, 0.3974**, and **18.9101, 0.4034, 0.4354** is the 20% darker color. If you saturate the color by 10%, you get **39.6123, 0.4026, 0.4305**, and if you desaturate by 10%, it is **43.6435, 0.3665, 0.3931**.

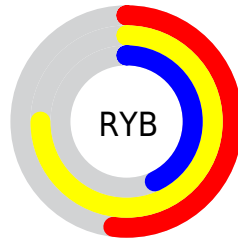
Distribution



Red (75%)

Green (67%)

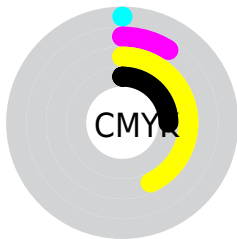
Blue (43%)



Red (52%)

Yellow (75%)

Blue (43%)

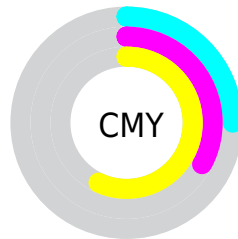


Cyan (0%)

Magenta (9%)

Yellow (43%)

Black (25%)



Cyan (25%)


Magenta (33%)


Yellow (57%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.5563, 0.3846, 0.4125 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 41.5563, 0.3846, 0.4125 by changing the saturation by 10% instead.


 41.5563, 0.3846,
0.4125

 41.5563, 0.3846,
0.4125

352.6403, 0.3489,
0.3706

 28.7540, 0.3931,
0.4227


 77.5277, 0.3718,
0.3974


 18.8948, 0.4037,
0.4355


 101.4655, 0.3670,
0.3917

 11.5943, 0.4169,
0.4518


 129.8841, 0.3628,
0.3868

 6.4681, 0.4334,
0.4726

 163.1676, 0.3593,
0.3826

 3.1317, 0.4719,
0.5197

201.7007, 0.3562,
0.3790

 1.2009, 0.4715,
0.5285

245.8675, 0.3534,

 0.0624, 0.0177,

0.3758

0.9823

296.0526, 0.3510,
0.3730

0.0000, 0.0000,
0.0000

41.5563, 0.3846,
0.4125

41.5563, 0.3846,
0.4125

39.6123, 0.4026,
0.4305

43.6435, 0.3665,
0.3931

37.7995, 0.4197,
0.4460

45.8740, 0.3489,
0.3730

36.1130, 0.4352,
0.4581

48.2547, 0.3322,
0.3532

34.5449, 0.4484,
0.4659

50.7908, 0.3166,
0.3339

33.0859, 0.4588,
0.4690

53.4869, 0.3023,
0.3157

■ 32.0688, 0.4650,
0.4690

■ 56.3474, 0.2892,
0.2986

■ 59.3765, 0.2774,
0.2827

■ 62.1875, 0.2702,
0.2741

■ 64.2423, 0.2706,
0.2790

Harmonies

Analogous

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



41.5563, 0.4108, 0.3831



41.5563, 0.3846, 0.4125



41.5563, 0.3401, 0.4200

Triad

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



41.5563, 0.3846, 0.4125



41.5563, 0.2249, 0.3014



41.5563, 0.3298, 0.2725

Complementary

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



41.5563, 0.3846, 0.4125



22.1362, 0.2388, 0.2280

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.



41.5563, 0.2796, 0.2526



41.5563, 0.3846, 0.4125



41.5563, 0.2227, 0.2656

Square

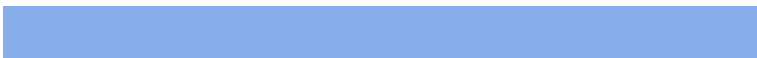
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



41.5563, 0.3846, 0.4125



41.5563, 0.2487, 0.3508



41.5563, 0.2417, 0.2495



41.5563, 0.3786, 0.3050

Rectangle

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



41.5563, 0.3846, 0.4125



41.5563, 0.3066, 0.4081



41.5563, 0.2417, 0.2495



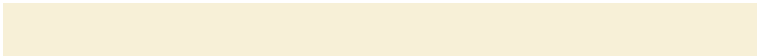
41.5563, 0.3124, 0.2643

Sweetspot

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



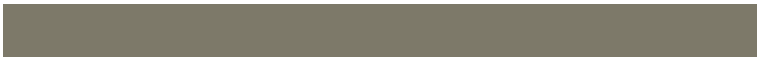
41.5582, 0.3846, 0.4125



87.1993, 0.3331, 0.3543



23.4344, 0.3956, 0.3031



18.9318, 0.3368, 0.3587



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

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



41.5582, 0.3846, 0.4125



72.0680, 0.4011, 0.4291



46.2946, 0.3558, 0.4404



10.7514, 0.3270, 0.3467



21.4465, 0.4643, 0.4696



0.9305, 0.4515, 0.4797

Inverse Universe

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



22.1362, 0.2388, 0.2280



32.3760, 0.2213, 0.2016



19.4422, 0.2540, 0.2053



9.5597, 0.2984, 0.3106



3.6797, 0.1570, 0.0852



0.2443, 0.1698, 0.1314

Previews

White Background



This preview shows how the Yxy color 41.5563, 0.3846, 0.4125 looks on a white background.

Color Contrast Check

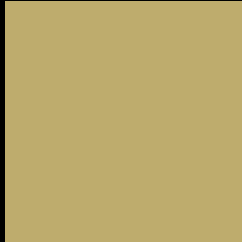
Large Text (above 18pt) WCAG AA × Fail

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 41.5563, 0.3846, 0.4125 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

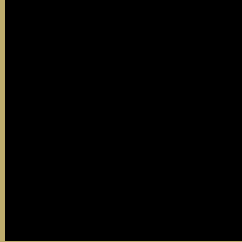
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.5563, 0.3846, 0.4125

Background



This preview shows how black text looks on a background with the Yxy color 41.5563, 0.3846, 0.4125.



This preview shows how white text looks on a background with the Yxy color 41.5563, 0.3846, 0.4125.

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

41.5563, 0.3846, 0.4125

Protanopia

41.6826, 0.3821, 0.4143

Deuteranopia

41.4679, 0.4047, 0.3964



Tritanopia

41.5956, 0.3323, 0.3125

Trichromacy



Original Color

41.5563, 0.3846, 0.4125

Protanomaly

41.8101, 0.3831, 0.4140

Deuteranomaly

41.5486, 0.3969, 0.4031

Tritanomaly

41.3738, 0.3519, 0.3489

Monochromacy



Original Color

41.5563, 0.3846, 0.4125

Achromatopsia

40.1978, 0.3127, 0.3290

Achromatomaly

40.6110, 0.3381, 0.3610

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.5563, 0.3846, 0.4125 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(190, 172, 109)` looks like.

```
.text, #text, p{  
    color:rgb(190, 172, 109)  
}
```

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(190, 172, 109) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 172, 109) }
```

Border

The CSS property to change the border of an element to Yxy 41.5563, 0.3846, 0.4125 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(190, 172, 109) }
```

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

```
.border{ border-color:rgb(190, 172, 109) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 172, 109)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 172, 109); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 172, 109);  
box-shadow:4px 4px 4px 4px rgb(190, 172,  
109) }
```


Background

The CSS property to change the background color of an element to Yxy 41.5563, 0.3846, 0.4125 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 172, 109) }
```

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

```
.background{ background-color: rgb(190,  
172, 109) }
```

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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