

Converting Colors

$Yxy(36.7471, 0.3816, 0.4043)$

Have a look what the booklet for
Yxy(36.7471, 0.3816, 0.4043)
contains.

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Color

Yxy(36.7471, 0.3816, 0.4043)

Conversions

Conversions Part 1

Format	Color
Hex	B5A26C
RGB	181, 162, 108
RGB Percent	71%, 64%, 42%
CMY	0.2902, 0.3647, 0.5764
CMYK	0.00, 0.10, 0.40, 0.29
HSL	44°, 33%, 57%
HSV	44°, 40%, 71%
XYZ	34.6839, 36.7471, 19.4597
YIQ	161.5250, 28.6580, -12.7660

Conversions

Conversions Part 2

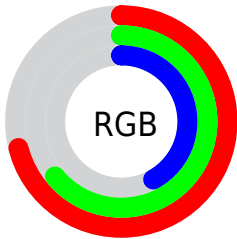
Format	Color
RYB	134, 181, 108
Decimal	11903596
CIELab	67.09, -0.83, 30.60
CIElCh	67, 30.608, 91.559
Yxy	36.7471, 0.3816, 0.4043
Android (android.graphics.Color)	4290093676 (0xFFB5A26C)
YUV	161.5250, -26.3878, 17.0796
Hunter-Lab	60.6194, -3.9537, 23.4006

Details

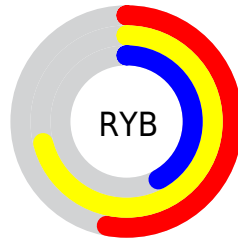
The Yxy color **36.7471, 0.3816, 0.4043** is a light color, and the websafe version is hex **999966**. A complement of this color would be **21.7105, 0.2442, 0.2397**, and the grayscale version is **36.0149, 0.3127, 0.3290**.

A 20% lighter version of the original color is **70.3409, 0.3688, 0.3906**, and **16.1967, 0.4019, 0.4275** is the 20% darker color. If you saturate the color by 10%, you get **34.7735, 0.4005, 0.4220**, and if you desaturate by 10%, it is **38.8663, 0.3630, 0.3855**.

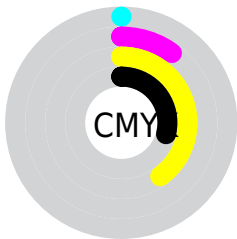
Distribution



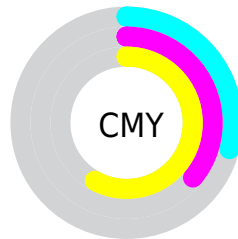
- Red (71%)
- Green (64%)
- Blue (42%)



- Red (53%)
- Yellow (71%)
- Blue (42%)



- Cyan (0%)
- Magenta (10%)
- Yellow (40%)
- Black (29%)





- Cyan (29%)
- Magenta (36%)
- Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.7471, 0.3816, 0.4043 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 36.7471, 0.3816, 0.4043 by changing the saturation by 10% instead.


 36.7471, 0.3816,
0.4043


 36.7471, 0.3816,
0.4043


332.2143, 0.3464,
0.3657


 25.0117, 0.3904,
0.4140


 70.1837, 0.3688,
0.3902


 16.0858, 0.4014,
0.4263


 92.6536, 0.3640,
0.3849

 9.5849, 0.4157,
0.4422


 119.4706, 0.3599,
0.3804

 5.1246, 0.4343,
0.4631

 151.0190, 0.3564,
0.3766

 2.3206, 0.4829,
0.5171

187.6832, 0.3534,
0.3733

 0.7846, 0.4804,
0.5196

229.8475, 0.3508,

 0.0000, 0.0000,

0.3705

0.0000

277.8964, 0.3485,
0.3680

■ 36.7471, 0.3816,
0.4043

■ 36.7471, 0.3816,
0.4043

■ 34.7735, 0.4005,
0.4220

■ 38.8663, 0.3630,
0.3855

■ 32.9347, 0.4190,
0.4375

■ 41.1313, 0.3452,
0.3664

■ 31.2263, 0.4364,
0.4500

■ 43.5485, 0.3285,
0.3476

■ 29.6411, 0.4517,
0.4583

■ 46.1227, 0.3132,
0.3296

■ 28.1711, 0.4643,
0.4620

■ 48.8580, 0.2992,
0.3125

■ 26.8417, 0.4742,
0.4617

■ 51.7586, 0.2865,
0.2966

■ 54.8286, 0.2752,
0.2819

■ 58.0715, 0.2650,
0.2684

■ 60.4224, 0.2644,
0.2717

Harmonies

Analogous

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



36.7471, 0.4036, 0.3767



36.7471, 0.3816, 0.4043



36.7471, 0.3418, 0.4125

Triad

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



36.7471, 0.3816, 0.4043



36.7471, 0.2328, 0.3073



36.7471, 0.3248, 0.2749

Complementary

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



36.7471, 0.3816, 0.4043



21.7105, 0.2442, 0.2397

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.



36.7471, 0.2792, 0.2576



36.7471, 0.3816, 0.4043



36.7471, 0.2290, 0.2729

Square

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



36.7471, 0.3816, 0.4043



36.7471, 0.2565, 0.3527



36.7471, 0.2452, 0.2562



36.7471, 0.3700, 0.3044

Rectangle

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



36.7471, 0.3816, 0.4043



36.7471, 0.3111, 0.4029



36.7471, 0.2452, 0.2562



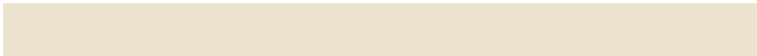
36.7471, 0.3089, 0.2676

Sweetspot

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



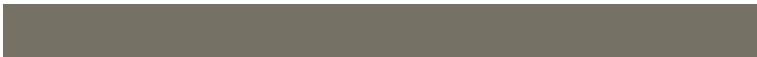
36.7488, 0.3816, 0.4043



77.1593, 0.3316, 0.3511



22.0996, 0.3853, 0.3011



16.5558, 0.3337, 0.3535



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

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



36.7488, 0.3816, 0.4043



62.7998, 0.3976, 0.4194



42.0196, 0.3559, 0.4330



9.5248, 0.3269, 0.3458



18.6215, 0.4733, 0.4624



0.6742, 0.4553, 0.4767

Inverse Universe

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



21.7105, 0.2442, 0.2397



32.3432, 0.2285, 0.2168



18.4313, 0.2557, 0.2126



8.5779, 0.2985, 0.3117



3.8058, 0.1592, 0.0932



0.2165, 0.1749, 0.1497

Previews

White Background



This preview shows how the Yxy color 36.7471, 0.3816, 0.4043 looks on a white background.

Color Contrast Check

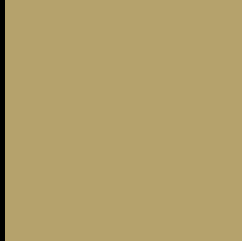
Large Text (above 18pt) WCAG AA × Fail

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 36.7471, 0.3816, 0.4043 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

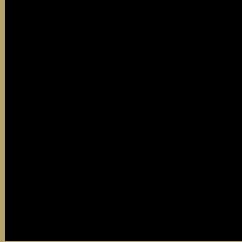
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 36.7471, 0.3816, 0.4043

Background



This preview shows how black text looks on a background with the Yxy color 36.7471, 0.3816, 0.4043.



This preview shows how white text looks on a background with the Yxy color 36.7471, 0.3816, 0.4043.

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

36.7471, 0.3816, 0.4043

Protanopia

36.6456, 0.3760, 0.4054

Deuteranopia

36.6168, 0.3997, 0.3912



Tritanopia

36.7975, 0.3333, 0.3129

Trichromacy



Original Color

36.7471, 0.3816, 0.4043

Protanomaly

36.7635, 0.3771, 0.4051

Deuteranomaly

36.6342, 0.3934, 0.3951

Tritanomaly

36.8433, 0.3511, 0.3456

Monochromacy



Original Color

36.7471, 0.3816, 0.4043

Achromatopsia

36.1307, 0.3127, 0.3290

Achromatomaly

36.2287, 0.3377, 0.3581

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.7471, 0.3816, 0.4043 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(181, 162, 108)` looks like.

```
.text, #text, p{  
    color:rgb(181, 162, 108)  
}
```

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(181, 162, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 162, 108) }
```

Border

The CSS property to change the border of an element to Yxy 36.7471, 0.3816, 0.4043 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(181, 162, 108) }
```

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

```
.border{ border-color:rgb(181, 162, 108) }
```

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

Here you see how a box with a 4 pixel rgb(181, 162, 108) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 162, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 162, 108);  
box-shadow:4px 4px 4px 4px rgb(181, 162,  
108) }
```


Background

The CSS property to change the background color of an element to Yxy 36.7471, 0.3816, 0.4043 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 162, 108) }
```

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

```
.background{ background-color: rgb(181,  
162, 108) }
```

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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