

Converting Colors

Yxy(38.3165, 0.3736, 0.3831)

Have a look what the booklet for
Yxy(38.3165, 0.3736, 0.3831)
contains.

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Color

Yxy(38.3410, 0.3736, 0.3822)

Conversions

Conversions Part 1

Format	Color
Hex	BCA37C
RGB	188, 163, 124
RGB Percent	74%, 64%, 49%
CMY	0.2627, 0.3608, 0.5137
CMYK	0.00, 0.13, 0.34, 0.26
HSL	37°, 32%, 61%
HSV	37°, 34%, 74%
XYZ	37.4783, 38.3410, 24.4973
YIQ	166.0290, 27.4190, -6.8290

Conversions

Conversions Part 2

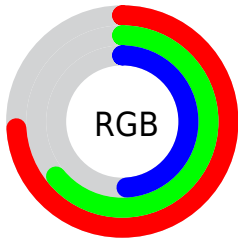
Format	Color
RYB	165, 188, 124
Decimal	12362620
CIELab	68.27, 3.41, 23.65
CIELCh	68, 23.898, 81.794
Yxy	38.3410, 0.3736, 0.3822
Android (android.graphics.Color)	4290552700 (0xFFBCA37C)
YUV	166.0290, -20.7203, 19.2686
Hunter-Lab	61.9201, -0.3198, 19.8873

Details

The Yxy color **38.3410, 0.3736, 0.3822** is a light color, and the websafe version is hex **999966**. A complement of this color would be **29.4229, 0.2574, 0.2691**, and the grayscale version is **38.2422, 0.3127, 0.3290**.

A 20% lighter version of the original color is **72.7296, 0.3618, 0.3724**, and **16.9452, 0.3924, 0.3962** is the 20% darker color. If you saturate the color by 10%, you get **35.3768, 0.3952, 0.3979**, and if you desaturate by 10%, it is **41.5512, 0.3536, 0.3661**.

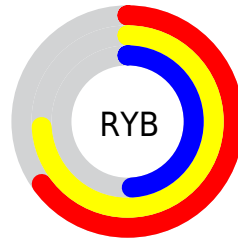
Distribution



Red (74%)

Green (64%)

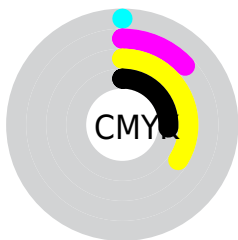
Blue (49%)



Red (65%)

Yellow (74%)

Blue (49%)

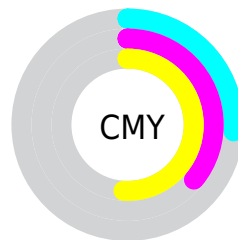


Cyan (0%)

Magenta (13%)

Yellow (34%)

Black (26%)



Cyan (26%)


Magenta (36%)


Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 38.3410, 0.3736, 0.3822 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 38.3410, 0.3736, 0.3822 by changing the saturation by 10% instead.


 38.3410, 0.3736,
0.3822


 38.3410, 0.3736,
0.3822


339.0805, 0.3423,
0.3553

 26.2475, 0.3816,
0.3889


 72.6305, 0.3621,
0.3724

 17.0089, 0.3919,
0.3975


 95.5952, 0.3578,
0.3687

 10.2408, 0.4057,
0.4087


 122.9525, 0.3542,
0.3656

 5.5589, 0.4247,
0.4237

155.0867, 0.3511,
0.3629

 2.5788, 0.4563,
0.4483

192.3822, 0.3484,
0.3606

 0.9160, 0.5114,
0.4886

235.2234, 0.3461,

 0.0000, 0.0000,

0.3586

0.0000

283.9947, 0.3441,
0.3568

■ 38.3410, 0.3736,
0.3822

■ 38.3410, 0.3736,
0.3822

■ 35.3768, 0.3952,
0.3979

■ 41.5512, 0.3536,
0.3661

■ 32.6455, 0.4178,
0.4123

■ 45.0092, 0.3353,
0.3502

■ 30.1406, 0.4407,
0.4245

■ 48.7238, 0.3189,
0.3349

■ 27.8530, 0.4628,
0.4331

■ 52.7014, 0.3042,
0.3205

■ 25.7727, 0.4830,
0.4372

■ 56.9484, 0.2912,
0.3071

■ 23.8877, 0.5001,
0.4362

■ 61.4706, 0.2797,
0.2947

■ 22.8459, 0.5093,
0.4338

■ 66.2335, 0.2699,
0.2839

■ 70.0486, 0.2707,
0.2923

■ 74.0338, 0.2715,
0.3006

Harmonies

Analogous

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



38.3410, 0.3840, 0.3584



38.3410, 0.3736, 0.3822



38.3410, 0.3468, 0.3930

Triad

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



38.3410, 0.3736, 0.3822



38.3410, 0.2548, 0.3239



38.3410, 0.3104, 0.2808

Complementary

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



38.3410, 0.3736, 0.3822



29.4229, 0.2574, 0.2691

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.



38.3410, 0.2770, 0.2710



38.3410, 0.3736, 0.3822



38.3410, 0.2463, 0.2935

Square

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



38.3410, 0.3736, 0.3822



38.3410, 0.2783, 0.3584



38.3410, 0.2541, 0.2750



38.3410, 0.3464, 0.3016

Rectangle

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



38.3410, 0.3736, 0.3822



38.3410, 0.3238, 0.3897



38.3410, 0.2541, 0.2750



38.3410, 0.2985, 0.2761

Sweetspot

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



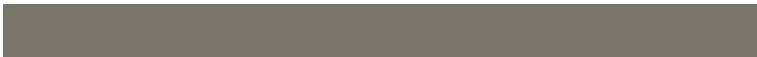
38.3428, 0.3736, 0.3822



84.1095, 0.3287, 0.3442



27.3015, 0.3597, 0.2938



17.8865, 0.3311, 0.3464



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.



38.3428, 0.3736, 0.3822



65.3366, 0.3899, 0.3943



47.3287, 0.3575, 0.4144



10.4772, 0.3274, 0.3430



15.6992, 0.5079, 0.4350



0.7387, 0.4814, 0.4560

Inverse Universe

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



29.4229, 0.2574, 0.2691



46.6916, 0.2442, 0.2529



22.8283, 0.2581, 0.2305



9.8207, 0.2984, 0.3146



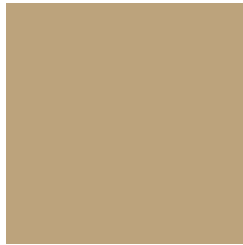
5.8960, 0.1683, 0.1257



0.3589, 0.1820, 0.1750

Previews

White Background



This preview shows how the Yxy color 38.3410, 0.3736, 0.3822 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 38.3410, 0.3736, 0.3822 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

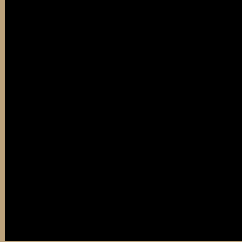
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 38.3410, 0.3736, 0.3822

Background



This preview shows how black text looks on a background with the Yxy color 38.3410, 0.3736, 0.3822.



This preview shows how white text looks on a background with the Yxy color 38.3410, 0.3736, 0.3822.

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

38.3410, 0.3736, 0.3822

Protanopia

38.2438, 0.3604, 0.3854

Deuteranopia

38.3580, 0.3822, 0.3755



Tritanopia

38.3160, 0.3370, 0.3133

Trichromacy



Original Color

38.3410, 0.3736, 0.3822

Protanomaly

38.3360, 0.3657, 0.3846

Deuteranomaly

38.3079, 0.3786, 0.3774

Tritanomaly

38.1725, 0.3501, 0.3371

Monochromacy



Original Color

38.3410, 0.3736, 0.3822

Achromatopsia

38.1326, 0.3127, 0.3290

Achromatomaly

38.1433, 0.3337, 0.3488

CSS Examples

Text

The CSS property to change the color of the text to Yxy 38.3410, 0.3736, 0.3822 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(188, 163, 124)` looks like.

```
.text, #text, p{  
    color:rgb(188, 163, 124)  
}
```

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(188, 163, 124) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 163, 124) }
```

Border

The CSS property to change the border of an element to Yxy 38.3410, 0.3736, 0.3822 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(188, 163, 124) }
```

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

```
.border{ border-color:rgb(188, 163, 124) }
```

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

Here you see how a box with a 4 pixel rgb(188, 163, 124) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 163, 124); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 163, 124);  
box-shadow:4px 4px 4px 4px rgb(188, 163,  
124) }
```


Background

The CSS property to change the background color of an element to Yxy 38.3410, 0.3736, 0.3822 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 163, 124) }
```

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

```
.background{ background-color: rgb(188,  
163, 124) }
```

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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