

Converting Colors

$Y_{xy}(40.9025, 0.3762, 0.4172)$

Have a look what the booklet for
Yxy(40.9025, 0.3762, 0.4172)
contains.

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Color

Yxy(40.9149, 0.3770, 0.4175)

Conversions

Conversions Part 1

Format	Color
Hex	B6AD6C
RGB	182, 173, 108
RGB Percent	71%, 68%, 42%
CMY	0.2862, 0.3216, 0.5764
CMYK	0.00, 0.05, 0.41, 0.29
HSL	53°, 34%, 57%
HSV	53°, 41%, 71%
XYZ	36.9459, 40.9149, 20.1390
YIQ	168.2810, 26.2290, -18.3070

Conversions

Conversions Part 2

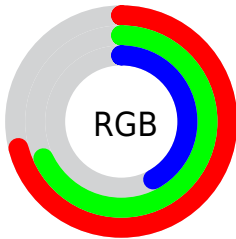
Format	Color
RYB	118, 182, 108
Decimal	11971948
CIELab	70.12, -6.29, 34.52
CIELCh	70, 35.092, 100.319
Yxy	40.9149, 0.3770, 0.4175
Android (android.graphics.Color)	4290162028 (0xFFB6AD6C)
YUV	168.2810, -29.7185, 12.0316
Hunter-Lab	63.9648, -8.8371, 26.1082

Details

The Yxy color **40.9149, 0.3770, 0.4175** is a light color, and the websafe version is hex **999966**. A complement of this color would be **19.2971, 0.2408, 0.2213**, and the grayscale version is **39.4449, 0.3127, 0.3290**.

A 20% lighter version of the original color is **76.3756, 0.3660, 0.4012**, and **18.5797, 0.3939, 0.4428** is the 20% darker color. If you saturate the color by 10%, you get **39.7246, 0.3927, 0.4375**, and if you desaturate by 10%, it is **42.2040, 0.3607, 0.3960**.

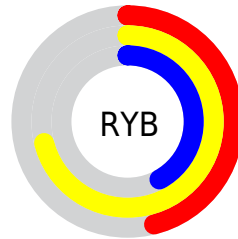
Distribution



Red (71%)

Green (68%)

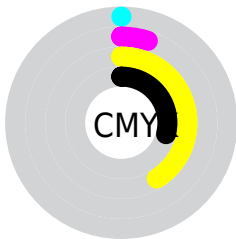
Blue (42%)



Red (46%)

Yellow (71%)

Blue (42%)

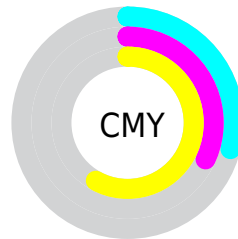


Cyan (0%)

Magenta (5%)

Yellow (41%)

Black (29%)



Cyan (29%)


Magenta (32%)


Yellow (58%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.9149, 0.3770, 0.4175 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 40.9149, 0.3770, 0.4175 by changing the saturation by 10% instead.


 40.9149, 0.3770,
0.4175


 40.9149, 0.3770,
0.4175


349.9648, 0.3453,
0.3724


 28.2526, 0.3845,
0.4287


 76.5547, 0.3657,
0.4011

 18.5162, 0.3937,
0.4429


 100.3010, 0.3614,
0.3949

 11.3212, 0.4051,
0.4613


 128.5107, 0.3577,
0.3897

 6.2833, 0.4189,
0.4854

 161.5683, 0.3545,
0.3852

 3.0181, 0.4556,
0.5424

199.8581, 0.3517,
0.3814

 1.1412, 0.4444,
0.5556

243.7645, 0.3493,

 0.0129, 0.0000,

0.3780

1.0000

293.6719, 0.3472,
0.3751

0.0000, 0.0000,
0.0000

40.9149, 0.3770,
0.4175

40.9149, 0.3770,
0.4175

39.7246, 0.3927,
0.4375

42.2040, 0.3607,
0.3960

38.6224, 0.4072,
0.4550

43.5910, 0.3445,
0.3738

37.6043, 0.4198,
0.4692


45.0821, 0.3287,
0.3518


36.6639, 0.4300,
0.4792


46.6814, 0.3137,
0.3304

35.7936, 0.4375,
0.4848

48.3926, 0.2996,
0.3100

 35.0296, 0.4425,
0.4869

 50.2195, 0.2867,
0.2910

 52.1655, 0.2748,
0.2733

 54.2338, 0.2641,
0.2571

 55.2958, 0.2636,
0.2584

Harmonies

Analogous

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



40.9149, 0.4085, 0.3913



40.9149, 0.3770, 0.4175



40.9149, 0.3296, 0.4190

Triad

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



40.9149, 0.3770, 0.4175



40.9149, 0.2215, 0.2917



40.9149, 0.3412, 0.2780

Complementary

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



40.9149, 0.3770, 0.4175



19.2971, 0.2408, 0.2213

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.



40.9149, 0.2893, 0.2547



40.9149, 0.3770, 0.4175



40.9149, 0.2239, 0.2596

Square

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



40.9149, 0.3770, 0.4175



40.9149, 0.2410, 0.3399



40.9149, 0.2475, 0.2476



40.9149, 0.3882, 0.3128

Rectangle

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



40.9149, 0.3770, 0.4175



40.9149, 0.2958, 0.4025



40.9149, 0.2475, 0.2476



40.9149, 0.3236, 0.2687

Sweetspot

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



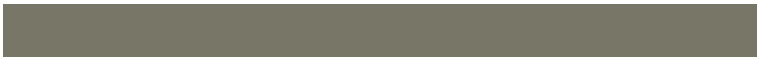
40.9168, 0.3770, 0.4175



81.2821, 0.3311, 0.3551



21.9795, 0.4002, 0.3150



17.8738, 0.3331, 0.3580



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



40.9168, 0.3770, 0.4175



72.1744, 0.3914, 0.4359



41.5050, 0.3470, 0.4373



10.3114, 0.3267, 0.3489



24.7960, 0.4422, 0.4871



0.9271, 0.4355, 0.4924

Inverse Universe

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



19.2971, 0.2408, 0.2213



27.5446, 0.2224, 0.1922



19.2680, 0.2652, 0.2145



8.8912, 0.2984, 0.3083



2.8497, 0.1529, 0.0703



0.1583, 0.1622, 0.1038

Previews

White Background



This preview shows how the Yxy color 40.9149, 0.3770, 0.4175 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 40.9149, 0.3770, 0.4175 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 40.9149, 0.3770, 0.4175

Background



This preview shows how black text looks on a background with the Yxy color 40.9149, 0.3770, 0.4175.



This preview shows how white text looks on a background with the Yxy color 40.9149, 0.3770, 0.4175.

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

40.9149, 0.3770, 0.4175

Protanopia

40.7522, 0.3838, 0.4148

Deuteranopia

40.7985, 0.4042, 0.3970



Tritanopia

41.0317, 0.3256, 0.3134

Trichromacy



Original Color

40.9149, 0.3770, 0.4175

Protanomaly

40.8809, 0.3813, 0.4166

Deuteranomaly

40.6119, 0.3943, 0.4044

Tritanomaly

40.8371, 0.3448, 0.3506

Monochromacy



Original Color

40.9149, 0.3770, 0.4175

Achromatopsia

39.1572, 0.3127, 0.3290

Achromatomaly

39.7090, 0.3363, 0.3629

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.9149, 0.3770, 0.4175 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(182, 173, 108)` looks like.

```
.text, #text, p{  
    color:rgb(182, 173, 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(182, 173, 108) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(182, 173, 108) }
```

Border

The CSS property to change the border of an element to Yxy 40.9149, 0.3770, 0.4175 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(182, 173, 108) }
```

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

```
.border{ border-color:rgb(182, 173, 108) }
```

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

Here you see how a box with a 4 pixel `rgb(182, 173, 108)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(182, 173, 108); -webkit-box-  
shadow:4px 4px 4px 4px rgb(182, 173, 108);  
box-shadow:4px 4px 4px 4px rgb(182, 173,  
108) }
```


Background

The CSS property to change the background color of an element to Yxy 40.9149, 0.3770, 0.4175 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(182, 173, 108) }
```

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

```
.background{ background-color: rgb(182,  
173, 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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