

Converting Colors

$Yxy(37.7649, 0.3828, 0.3910)$

Have a look what the booklet for
Yxy(37.7649, 0.3828, 0.3910)
contains.

Yxy(37.9204, 0.3826, 0.3915)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(37.9204, 0.3826, 0.3915)

Conversions

Conversions Part 1

Format	Color
Hex	BDA274
RGB	189, 162, 116
RGB Percent	74%, 64%, 45%
CMY	0.2588, 0.3647, 0.5452
CMYK	0.00, 0.14, 0.39, 0.26
HSL	38°, 36%, 60%
HSV	38°, 39%, 74%
XYZ	37.0584, 37.9204, 21.8805
YIQ	164.8290, 30.8580, -8.5820

Conversions

Conversions Part 2

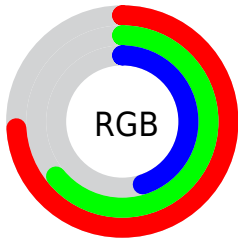
Format	Color
RYB	159, 189, 116
Decimal	12427892
CIELab	67.96, 3.37, 27.62
CIELCh	68, 27.820, 83.043
Yxy	37.9204, 0.3826, 0.3915
Android (android.graphics.Color)	4290617972 (0xFFBDA274)
YUV	164.8290, -24.0727, 21.1980
Hunter-Lab	61.5795, -0.3435, 22.0387

Details

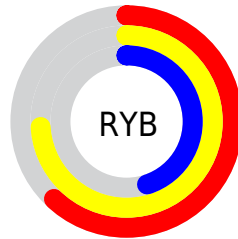
The Yxy color **37.9204, 0.3826, 0.3915** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **27.0219, 0.2491, 0.2568**, and the grayscale version is **37.6471, 0.3127, 0.3290**.

A 20% lighter version of the original color is **72.0457, 0.3694, 0.3808**, and **16.8425, 0.4025, 0.4102** is the 20% darker color. If you saturate the color by 10%, you get **35.1324, 0.4042, 0.4072**, and if you desaturate by 10%, it is **40.9382, 0.3622, 0.3750**.

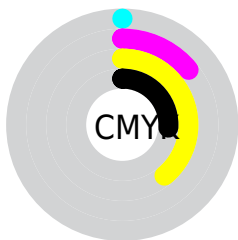
Distribution



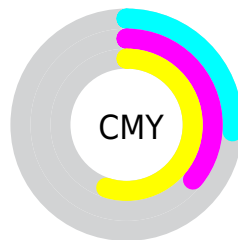
- Red (74%)
- Green (64%)
- Blue (45%)



- Red (62%)
- Yellow (74%)
- Blue (45%)



- Cyan (0%)
- Magenta (14%)
- Yellow (39%)
- Black (26%)




- Cyan (26%)
- Magenta (36%)
- Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 37.9204, 0.3826, 0.3915 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 37.9204, 0.3826, 0.3915 by changing the saturation by 10% instead.

 37.9204, 0.3826,
0.3915


 37.9204, 0.3826,
0.3915

337.2784, 0.3467,
0.3599

 25.9209, 0.3917,
0.3993


 71.9861, 0.3694,
0.3801

 16.7645, 0.4033,
0.4091


 94.8211, 0.3645,
0.3757

 10.0667, 0.4186,
0.4218


 122.0368, 0.3604,
0.3721

 5.4432, 0.4392,
0.4383

154.0175, 0.3569,
0.3690

 2.5096, 0.4820,
0.4737

191.1476, 0.3538,
0.3662

 0.8814, 0.5114,
0.4886

233.8115, 0.3512,

 0.0000, 0.0000,

0.3639

0.0000

282.3936, 0.3488,
0.3618

■ 37.9204, 0.3826,
0.3915

■ 37.9204, 0.3826,
0.3915

■ 35.1324, 0.4042,
0.4072

■ 40.9382, 0.3622,
0.3750

■ 32.5613, 0.4264,
0.4212

■ 44.1876, 0.3433,
0.3584

■ 30.2005, 0.4482,
0.4322


■ 47.6772, 0.3261,
0.3423

■ 28.0408, 0.4686,
0.4393

■ 51.4133, 0.3107,
0.3270


■ 26.0718, 0.4865,
0.4415


■ 55.4021, 0.2970,
0.3126


 24.2776, 0.5014,
0.4390

 59.6493, 0.2847,
0.2992

 24.0443, 0.5034,
0.4385

 64.1605, 0.2739,
0.2869

 68.1319, 0.2709,
0.2880

 71.8305, 0.2716,
0.2959

Harmonies

Analogous

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



37.9204, 0.3960, 0.3638



37.9204, 0.3826, 0.3915



37.9204, 0.3505, 0.4041

Triad

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



37.9204, 0.3826, 0.3915



37.9204, 0.2448, 0.3209



37.9204, 0.3116, 0.2741

Complementary

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



37.9204, 0.3826, 0.3915



27.0219, 0.2491, 0.2568

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.



37.9204, 0.2724, 0.2622



37.9204, 0.3826, 0.3915



37.9204, 0.2359, 0.2860

Square

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



37.9204, 0.3826, 0.3915



37.9204, 0.2710, 0.3618



37.9204, 0.2456, 0.2658



37.9204, 0.3536, 0.2984

Rectangle

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



37.9204, 0.3826, 0.3915



37.9204, 0.3234, 0.4000



37.9204, 0.2456, 0.2658



37.9204, 0.2976, 0.2686

Sweetspot

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



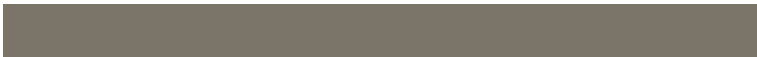
37.9222, 0.3826, 0.3915



83.1162, 0.3320, 0.3480



25.3165, 0.3702, 0.2905



17.6980, 0.3342, 0.3501



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.



37.9222, 0.3826, 0.3915



63.8401, 0.4000, 0.4043



47.4186, 0.3621, 0.4262



10.5114, 0.3273, 0.3434



16.3270, 0.5020, 0.4396



0.7607, 0.4774, 0.4592

Inverse Universe

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



27.0219, 0.2491, 0.2568



41.7047, 0.2350, 0.2384



20.4808, 0.2503, 0.2153



9.7876, 0.2984, 0.3141



5.5435, 0.1666, 0.1197



0.3434, 0.1805, 0.1696

Previews

White Background



This preview shows how the Yxy color 37.9204, 0.3826, 0.3915 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 37.9204, 0.3826, 0.3915 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

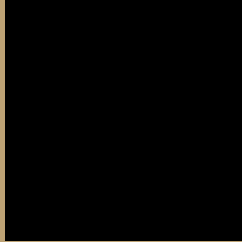
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 37.9204, 0.3826, 0.3915

Background



This preview shows how black text looks on a background with the Yxy color 37.9204, 0.3826, 0.3915.



This preview shows how white text looks on a background with the Yxy color 37.9204, 0.3826, 0.3915.

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

37.9204, 0.3826, 0.3915

Protanopia

38.1641, 0.3686, 0.3963

Deuteranopia

37.9509, 0.3914, 0.3845



Tritanopia

37.7020, 0.3403, 0.3133

Trichromacy



Original Color

37.9204, 0.3826, 0.3915

Protanomaly

38.2619, 0.3741, 0.3954

Deuteranomaly

37.8953, 0.3878, 0.3864

Tritanomaly

37.7983, 0.3562, 0.3425

Monochromacy



Original Color

37.9204, 0.3826, 0.3915

Achromatopsia

37.6262, 0.3127, 0.3290

Achromatomaly

37.6562, 0.3376, 0.3532

CSS Examples

Text

The CSS property to change the color of the text to Yxy 37.9204, 0.3826, 0.3915 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(189, 162, 116)` looks like.

```
.text, #text, p{  
    color:rgb(189, 162, 116)  
}
```

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(189, 162, 116) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 162, 116) }
```

Border

The CSS property to change the border of an element to Yxy 37.9204, 0.3826, 0.3915 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(189, 162, 116) }
```

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

```
.border{ border-color:rgb(189, 162, 116) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 162, 116)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 162, 116); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 162, 116);  
box-shadow:4px 4px 4px 4px rgb(189, 162,  
116) }
```


Background

The CSS property to change the background color of an element to Yxy 37.9204, 0.3826, 0.3915 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 162, 116) }
```

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

```
.background{ background-color: rgb(189,  
162, 116) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor