

Converting Colors

$Yxy(41.6488, 0.3774, 0.3910)$

Have a look what the booklet for
Yxy(41.6488, 0.3774, 0.3910)
contains.

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Color

Yxy(41.6488, 0.3774, 0.3910)

Conversions

Conversions Part 1

Format	Color
Hex	C2AA7B
RGB	194, 170, 123
RGB Percent	76%, 67%, 48%
CMY	0.2392, 0.3333, 0.5175
CMYK	0.00, 0.12, 0.37, 0.24
HSL	40°, 37%, 62%
HSV	40°, 37%, 76%
XYZ	40.2001, 41.6488, 24.6697
YIQ	171.8180, 29.3910, -9.5290

Conversions

Conversions Part 2

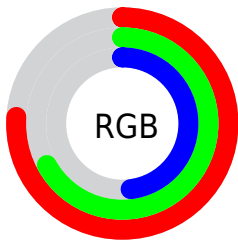
Format	Color
RYB	159, 194, 123
Decimal	12757627
CIELab	70.63, 1.92, 27.43
CIELCh	71, 27.500, 85.994
Yxy	41.6488, 0.3774, 0.3910
Android (android.graphics.Color)	4290947707 (0xFFC2AA7B)
YUV	171.8180, -24.0673, 19.4536
Hunter-Lab	64.5359, -1.7481, 22.5107

Details

The Yxy color **41.6488, 0.3774, 0.3910** is a light color, and the websafe version is hex **999966**. A complement of this color would be **28.9870, 0.2521, 0.2577**, and the grayscale version is **41.2732, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.4942, 0.3652, 0.3796**, and **18.9402, 0.3951, 0.4076** is the 20% darker color. If you saturate the color by 10%, you get **38.8129, 0.3981, 0.4077**, and if you desaturate by 10%, it is **44.7076, 0.3577, 0.3737**.

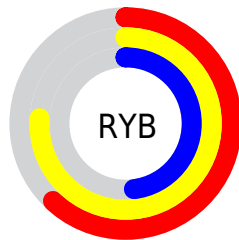
Distribution



Red (76%)

Green (67%)

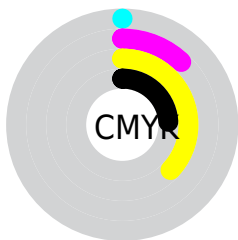
Blue (48%)



Red (62%)

Yellow (76%)

Blue (48%)

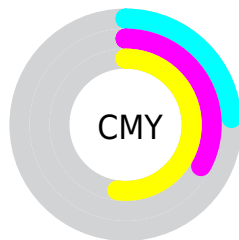


Cyan (0%)

Magenta (12%)

Yellow (37%)

Black (24%)



Cyan (24%)


Magenta (33%)


Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.6488, 0.3774, 0.3910 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 41.6488, 0.3774, 0.3910 by changing the saturation by 10% instead.


 41.6488, 0.3774,
0.3910

 41.6488, 0.3774,
0.3910


353.0250, 0.3447,
0.3600

 28.8264, 0.3855,
0.3986


 77.6678, 0.3655,
0.3798

 18.9495, 0.3958,
0.4082

 101.6332, 0.3611,
0.3756

 11.6338, 0.4092,
0.4205


 130.0817, 0.3573,
0.3720

 6.4949, 0.4272,
0.4368

163.3978, 0.3541,
0.3689

 3.1483, 0.4550,
0.4616

201.9657, 0.3513,
0.3662

 1.2096, 0.4998,
0.5002

246.1700, 0.3488,

 0.0695, 0.6190,

0.3639

0.3810

296.3950, 0.3467,
0.3618

0.0000, 0.0000,
0.0000

41.6488, 0.3774,
0.3910

41.6488, 0.3774,
0.3910

38.8129, 0.3981,
0.4077

44.7076, 0.3577,
0.3737

36.1867, 0.4193,
0.4227

47.9905, 0.3395,
0.3564

33.7640, 0.4401,
0.4350

51.5061, 0.3228,
0.3396

31.5357, 0.4595,
0.4436

55.2604, 0.3078,
0.3237

29.4917, 0.4765,
0.4474

59.2596, 0.2943,
0.3087

■ 27.6191, 0.4904,
0.4462

■ 63.5091, 0.2823,
0.2949

■ 27.0107, 0.4949,
0.4453

■ 67.7650, 0.2737,
0.2861

■ 71.1929, 0.2743,
0.2935

■ 74.7565, 0.2750,
0.3008

Harmonies

Analogous

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



41.6488, 0.3922, 0.3656



41.6488, 0.3774, 0.3910



41.6488, 0.3454, 0.4009

Triad

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



41.6488, 0.3774, 0.3910



41.6488, 0.2458, 0.3176



41.6488, 0.3157, 0.2781

Complementary

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



41.6488, 0.3774, 0.3910



28.9870, 0.2521, 0.2577

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.



41.6488, 0.2774, 0.2653



41.6488, 0.3774, 0.3910



41.6488, 0.2390, 0.2853

Square

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



41.6488, 0.3774, 0.3910



41.6488, 0.2697, 0.3567



41.6488, 0.2501, 0.2673



41.6488, 0.3555, 0.3024

Rectangle

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



41.6488, 0.3774, 0.3910



41.6488, 0.3192, 0.3953



41.6488, 0.2501, 0.2673



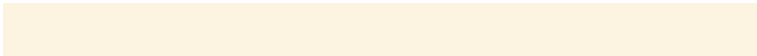
41.6488, 0.3022, 0.2723

Sweetspot

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



41.6507, 0.3774, 0.3910



90.3346, 0.3303, 0.3472



27.7781, 0.3690, 0.2957



19.5897, 0.3326, 0.3495



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



41.6507, 0.3774, 0.3910



71.2557, 0.3942, 0.4046



50.1269, 0.3576, 0.4220



11.1660, 0.3273, 0.3442



17.9148, 0.4936, 0.4463



0.8973, 0.4731, 0.4626

Inverse Universe

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



28.9870, 0.2521, 0.2577



44.9674, 0.2376, 0.2385



23.1115, 0.2563, 0.2226



10.2923, 0.2984, 0.3133



5.2301, 0.1642, 0.1110



0.3549, 0.1771, 0.1577

Previews

White Background



This preview shows how the Yxy color 41.6488, 0.3774, 0.3910 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 41.6488, 0.3774, 0.3910 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

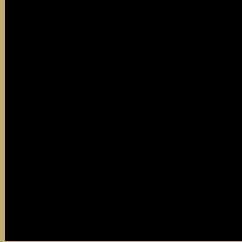
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.6488, 0.3774, 0.3910

Background



This preview shows how black text looks on a background with the Yxy color 41.6488, 0.3774, 0.3910.



This preview shows how white text looks on a background with the Yxy color 41.6488, 0.3774, 0.3910.

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

41.6488, 0.3774, 0.3910

Protanopia

41.7815, 0.3674, 0.3953

Deuteranopia

41.7068, 0.3893, 0.3825



Tritanopia

41.6083, 0.3362, 0.3126

Trichromacy



Original Color

41.6488, 0.3774, 0.3910

Protanomaly

41.7791, 0.3707, 0.3934

Deuteranomaly

41.5102, 0.3849, 0.3845

Tritanomaly

41.7125, 0.3514, 0.3408

Monochromacy



Original Color

41.6488, 0.3774, 0.3910

Achromatopsia

41.2543, 0.3127, 0.3290

Achromatomaly

41.1622, 0.3357, 0.3523

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.6488, 0.3774, 0.3910 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(194, 170, 123)` looks like.

```
.text, #text, p{  
    color:rgb(194, 170, 123)  
}
```

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(194, 170, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 170, 123) }
```

Border

The CSS property to change the border of an element to Yxy 41.6488, 0.3774, 0.3910 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(194, 170, 123) }
```

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

```
.border{ border-color:rgb(194, 170, 123) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 170, 123)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 170, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 170, 123);  
box-shadow:4px 4px 4px 4px rgb(194, 170,  
123) }
```


Background

The CSS property to change the background color of an element to Yxy 41.6488, 0.3774, 0.3910 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 170, 123) }
```

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

```
.background{ background-color: rgb(194,  
170, 123) }
```

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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