

Converting Colors

$Yxy(41.3150, 0.3811, 0.3874)$

Have a look what the booklet for
Yxy(41.3150, 0.3811, 0.3874)
contains.

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Color

Yxy(41.3056, 0.3813, 0.3879)

Conversions

Conversions Part 1

Format	Color
Hex	C5A87B
RGB	197, 168, 123
RGB Percent	77%, 66%, 48%
CMY	0.2275, 0.3411, 0.5176
CMYK	0.00, 0.15, 0.38, 0.23
HSL	36°, 39%, 63%
HSV	36°, 38%, 77%
XYZ	40.6028, 41.3056, 24.5768
YIQ	171.5410, 31.7290, -7.8470

Conversions

Conversions Part 2

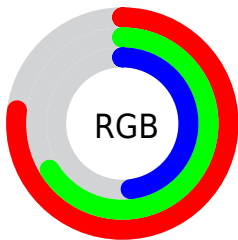
Format	Color
RYB	171, 197, 123
Decimal	12953723
CIELab	70.39, 4.20, 27.17
CIElCh	70, 27.497, 81.217
Yxy	41.3056, 0.3813, 0.3879
Android (android.graphics.Color)	4291143803 (0xFFC5A87B)
YUV	171.5410, -23.9307, 22.3275
Hunter-Lab	64.2694, 0.2975, 22.3160

Details

The Yxy color **41.3056, 0.3813, 0.3879** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **30.6999, 0.2511, 0.2616**, and the grayscale version is **41.1232, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.1699, 0.3688, 0.3771**, and **18.7360, 0.4009, 0.4031** is the 20% darker color. If you saturate the color by 10%, you get **38.0966, 0.4034, 0.4033**, and if you desaturate by 10%, it is **44.7869, 0.3606, 0.3718**.

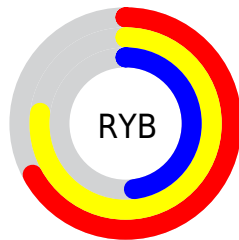
Distribution



Red (77%)

Green (66%)

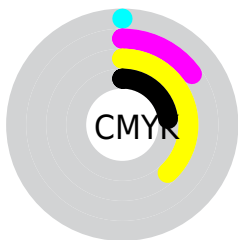
Blue (48%)



Red (67%)

Yellow (77%)

Blue (48%)

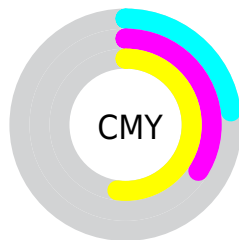


Cyan (0%)

Magenta (15%)

Yellow (38%)

Black (23%)



Cyan (23%)


Magenta (34%)


Yellow (52%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.3056, 0.3813, 0.3879 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 41.3056, 0.3813, 0.3879 by changing the saturation by 10% instead.

 41.3056, 0.3813,
0.3879


 41.3056, 0.3813,
0.3879


351.5962, 0.3465,
0.3586


 28.5580, 0.3900,
0.3950


 77.1476, 0.3686,
0.3774

 18.7467, 0.4010,
0.4039


 101.0107, 0.3639,
0.3734

 11.4874, 0.4156,
0.4153


 129.3478, 0.3599,
0.3700

 6.3957, 0.4351,
0.4301

162.5432, 0.3564,
0.3671

 3.0871, 0.4656,
0.4526

200.9814, 0.3534,
0.3645

 1.1774, 0.5145,
0.4855

245.0467, 0.3508,

 0.0431, 0.7689,

0.3623

0.2311

295.1235, 0.3486,
0.3604

0.0000, 0.0000,
0.0000

41.3056, 0.3813,
0.3879

41.3056, 0.3813,
0.3879

38.0966, 0.4034,
0.4033

44.7869, 0.3606,
0.3718

35.1453, 0.4263,
0.4170

48.5430, 0.3416,
0.3558

32.4440, 0.4492,
0.4280

52.5837, 0.3245,
0.3402

29.9820, 0.4709,
0.4351

56.9166, 0.3091,
0.3255

27.7474, 0.4901,
0.4373

61.5486, 0.2955,
0.3117

■ 25.7244, 0.5061,
0.4344

■ 66.4867, 0.2835,
0.2989

■ 25.2558, 0.5099,
0.4333

■ 71.3508, 0.2761,
0.2932

■ 75.5461, 0.2768,
0.3017

■ 79.9316, 0.2774,
0.3102

Harmonies

Analogous

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



41.3056, 0.3927, 0.3608



41.3056, 0.3813, 0.3879



41.3056, 0.3513, 0.4009

Triad

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



41.3056, 0.3813, 0.3879



41.3056, 0.2484, 0.3237



41.3056, 0.3092, 0.2750

Complementary

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



41.3056, 0.3813, 0.3879



30.6999, 0.2511, 0.2616

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.



41.3056, 0.2720, 0.2644



41.3056, 0.3813, 0.3879



41.3056, 0.2387, 0.2895

Square

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



41.3056, 0.3813, 0.3879



41.3056, 0.2747, 0.3628



41.3056, 0.2470, 0.2689



41.3056, 0.3497, 0.2978

Rectangle

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



41.3056, 0.3813, 0.3879



41.3056, 0.3256, 0.3978



41.3056, 0.2470, 0.2689



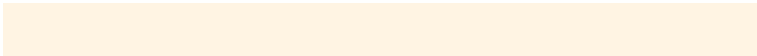
41.3056, 0.2959, 0.2699

Sweetspot

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



41.3075, 0.3813, 0.3879



91.5104, 0.3304, 0.3458



28.3262, 0.3667, 0.2899



19.3727, 0.3328, 0.3479



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.



41.3075, 0.3813, 0.3879



69.2734, 0.3992, 0.4005



52.2539, 0.3620, 0.4234



11.6923, 0.3275, 0.3430



16.7799, 0.5084, 0.4345



0.9326, 0.4851, 0.4530

Inverse Universe

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



30.6999, 0.2511, 0.2616



47.6033, 0.2371, 0.2438



22.9797, 0.2511, 0.2183



10.9578, 0.2983, 0.3146



6.3120, 0.1682, 0.1255



0.4393, 0.1800, 0.1680

Previews

White Background



This preview shows how the Yxy color 41.3056, 0.3813, 0.3879 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 41.3056, 0.3813, 0.3879 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

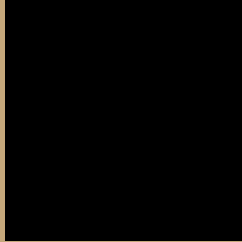
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.3056, 0.3813, 0.3879

Background



This preview shows how black text looks on a background with the Yxy color 41.3056, 0.3813, 0.3879.



This preview shows how white text looks on a background with the Yxy color 41.3056, 0.3813, 0.3879.

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

41.3056, 0.3813, 0.3879

Protanopia

41.3000, 0.3659, 0.3929

Deuteranopia

41.2029, 0.3888, 0.3815



Tritanopia

41.1023, 0.3403, 0.3127

Trichromacy



Original Color

41.3056, 0.3813, 0.3879

Protanomaly

41.3999, 0.3712, 0.3921

Deuteranomaly

41.1452, 0.3853, 0.3833

Tritanomaly

41.1968, 0.3557, 0.3407

Monochromacy



Original Color

41.3056, 0.3813, 0.3879

Achromatopsia

41.2543, 0.3127, 0.3290

Achromatomaly

41.2827, 0.3366, 0.3523

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.3056, 0.3813, 0.3879 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(197, 168, 123)` looks like.

```
.text, #text, p{  
    color:rgb(197, 168, 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(197, 168, 123) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 168, 123) }
```

Border

The CSS property to change the border of an element to Yxy 41.3056, 0.3813, 0.3879 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(197, 168, 123) }
```

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

```
.border{ border-color:rgb(197, 168, 123) }
```

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

Here you see how a box with a 4 pixel rgb(197, 168, 123) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 168, 123); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 168, 123);  
box-shadow:4px 4px 4px 4px rgb(197, 168,  
123) }
```


Background

The CSS property to change the background color of an element to Yxy 41.3056, 0.3813, 0.3879 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 168, 123) }
```

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

```
.background{ background-color: rgb(197,  
168, 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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