

Converting Colors

$Yxy(41.0348, 0.3793, 0.3963)$

Have a look what the booklet for
Yxy(41.0348, 0.3793, 0.3963)
contains.

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Color

Yxy(40.9143, 0.3795, 0.3955)

Conversions

Conversions Part 1

Format	Color
Hex	C0A977
RGB	192, 169, 119
RGB Percent	75%, 66%, 47%
CMY	0.2470, 0.3373, 0.5334
CMYK	0.00, 0.12, 0.38, 0.25
HSL	41°, 37%, 61%
HSV	41°, 38%, 75%
XYZ	39.2591, 40.9143, 23.2762
YIQ	170.1770, 29.7580, -10.6740

Conversions

Conversions Part 2

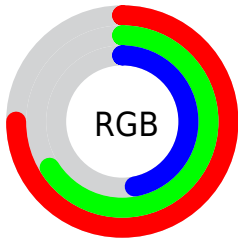
Format	Color
RYB	153, 192, 119
Decimal	12626295
CIELab	70.12, 1.18, 28.89
CIElCh	70, 28.914, 87.666
Yxy	40.9143, 0.3795, 0.3955
Android (android.graphics.Color)	4290816375 (0xFFC0A977)
YUV	170.1770, -25.2303, 19.1388
Hunter-Lab	63.9643, -2.3803, 23.1998

Details

The Yxy color **40.9143, 0.3795, 0.3955** is a light color, and the websafe version is hex **999966**. A complement of this color would be **27.0762, 0.2491, 0.2517**, and the grayscale version is **40.4099, 0.3127, 0.3290**.

A 20% lighter version of the original color is **76.4296, 0.3667, 0.3831**, and **18.4831, 0.3979, 0.4136** is the 20% darker color. If you saturate the color by 10%, you get **38.3002, 0.3998, 0.4125**, and if you desaturate by 10%, it is **43.7296, 0.3601, 0.3777**.

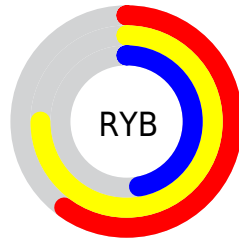
Distribution



Red (75%)

Green (66%)

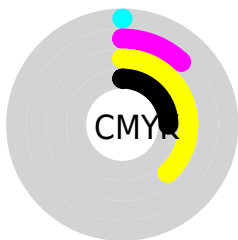
Blue (47%)



Red (60%)

Yellow (75%)

Blue (47%)

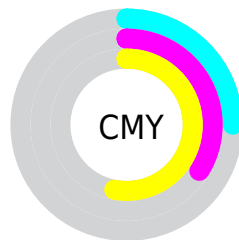


Cyan (0%)

Magenta (12%)

Yellow (38%)

Black (25%)



Cyan (25%)


Magenta (34%)


Yellow (53%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.9143, 0.3795, 0.3955 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 40.9143, 0.3795, 0.3955 by changing the saturation by 10% instead.


 40.9143, 0.3795,
0.3955

 40.9143, 0.3795,
0.3955


349.9623, 0.3458,
0.3621

 28.2521, 0.3878,
0.4037


 76.5538, 0.3673,
0.3834

 18.5158, 0.3984,
0.4140


 100.2999, 0.3627,
0.3789

 11.3209, 0.4121,
0.4273


 128.5094, 0.3588,
0.3750

 6.2831, 0.4303,
0.4448

161.5668, 0.3554,
0.3717

 3.0180, 0.4615,
0.4747

199.8563, 0.3525,
0.3688

 1.1411, 0.4951,
0.5049

243.7625, 0.3500,

 0.0128, 0.7615,

0.3663

0.2385

293.6697, 0.3478,
0.3641

0.0000, 0.0000,
0.0000

40.9143, 0.3795,
0.3955

40.9143, 0.3795,
0.3955

38.3002, 0.3998,
0.4125

43.7296, 0.3601,
0.3777

35.8747, 0.4202,
0.4276

46.7471, 0.3418,
0.3598

33.6319, 0.4399,
0.4399

49.9747, 0.3251,
0.3424

31.5634, 0.4581,
0.4482

53.4183, 0.3098,
0.3258

29.6593, 0.4736,
0.4518

57.0834, 0.2961,
0.3102

■ 27.9053, 0.4862,
0.4507

■ 60.9752, 0.2839,
0.2957

■ 27.5741, 0.4886,
0.4502

■ 65.0987, 0.2729,
0.2824

■ 68.2726, 0.2726,
0.2876

■ 71.4586, 0.2732,
0.2945

Harmonies

Analogous

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



40.9143, 0.3965, 0.3691



40.9143, 0.3795, 0.3955



40.9143, 0.3448, 0.4052

Triad

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



40.9143, 0.3795, 0.3955



40.9143, 0.2413, 0.3146



40.9143, 0.3182, 0.2765

Complementary

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



40.9143, 0.3795, 0.3955



27.0762, 0.2491, 0.2517

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.



40.9143, 0.2774, 0.2623



40.9143, 0.3795, 0.3955



40.9143, 0.2352, 0.2812

Square

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



40.9143, 0.3795, 0.3955



40.9143, 0.2654, 0.3561



40.9143, 0.2479, 0.2633



40.9143, 0.3601, 0.3026

Rectangle

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



40.9143, 0.3795, 0.3955



40.9143, 0.3170, 0.3985



40.9143, 0.2479, 0.2633



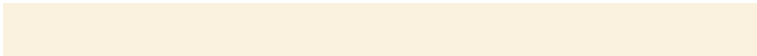
40.9143, 0.3039, 0.2703

Sweetspot

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



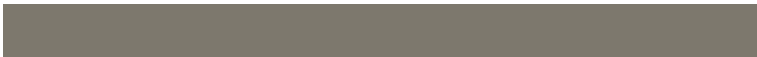
40.9162, 0.3795, 0.3955



88.6513, 0.3302, 0.3478



26.3561, 0.3752, 0.2976



18.8460, 0.3324, 0.3502



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

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



40.9162, 0.3795, 0.3955



69.9765, 0.3971, 0.4103



48.5797, 0.3571, 0.4263



11.2054, 0.3272, 0.3447



18.6947, 0.4875, 0.4511



0.9268, 0.4688, 0.4659

Inverse Universe

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



27.0762, 0.2491, 0.2517



41.2369, 0.2334, 0.2302



21.9331, 0.2559, 0.2185



10.2546, 0.2984, 0.3128



4.8972, 0.1626, 0.1052



0.3376, 0.1755, 0.1519

Previews

White Background



This preview shows how the Yxy color 40.9143, 0.3795, 0.3955 looks on a white background.

Color Contrast Check

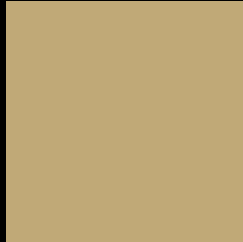
Large Text (above 18pt) WCAG AA × Fail

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 40.9143, 0.3795, 0.3955 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 40.9143, 0.3795, 0.3955

Background



This preview shows how black text looks on a background with the Yxy color 40.9143, 0.3795, 0.3955.



This preview shows how white text looks on a background with the Yxy color 40.9143, 0.3795, 0.3955.

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

40.9143, 0.3795, 0.3955

Protanopia

40.7962, 0.3707, 0.3984

Deuteranopia

40.7444, 0.3931, 0.3853



Tritanopia

40.9024, 0.3363, 0.3137

Trichromacy



Original Color

40.9143, 0.3795, 0.3955

Protanomaly

40.7969, 0.3741, 0.3964

Deuteranomaly

40.9079, 0.3880, 0.3886

Tritanomaly

40.9791, 0.3525, 0.3435

Monochromacy



Original Color

40.9143, 0.3795, 0.3955

Achromatopsia

40.1978, 0.3127, 0.3290

Achromatomaly

40.4488, 0.3366, 0.3553

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.9143, 0.3795, 0.3955 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(192, 169, 119)` looks like.

```
.text, #text, p{  
    color:rgb(192, 169, 119)  
}
```

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(192, 169, 119) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 169, 119) }
```

Border

The CSS property to change the border of an element to Yxy 40.9143, 0.3795, 0.3955 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(192, 169, 119) }
```

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

```
.border{ border-color:rgb(192, 169, 119) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 169, 119)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 169, 119); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 169, 119);  
box-shadow:4px 4px 4px 4px rgb(192, 169,  
119) }
```


Background

The CSS property to change the background color of an element to Yxy 40.9143, 0.3795, 0.3955 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 169, 119) }
```

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

```
.background{ background-color: rgb(192,  
169, 119) }
```

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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