

Converting Colors

$Yxy(40.4466, 0.3529, 0.3475)$

Have a look what the booklet for
Yxy(40.4466, 0.3529, 0.3475)
contains.

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Color

Yxy(40.4821, 0.3524, 0.3477)

Conversions

Conversions Part 1

Format	Color
Hex	C1A597
RGB	193, 165, 151
RGB Percent	76%, 65%, 59%
CMY	0.2432, 0.3529, 0.4080
CMYK	0.00, 0.14, 0.22, 0.24
HSL	20°, 25%, 67%
HSV	20°, 22%, 76%
XYZ	41.0293, 40.4821, 34.9168
YIQ	171.7760, 21.1820, 1.5820

Conversions

Conversions Part 2

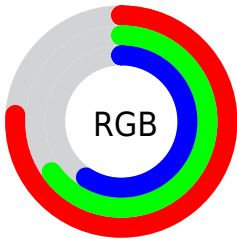
Format	Color
RYB	193, 172, 151
Decimal	12690839
CIELab	69.81, 8.00, 11.06
CIElCh	70, 13.649, 54.097
Yxy	40.4821, 0.3524, 0.3477
Android (android.graphics.Color)	4290880919 (0xFFC1A597)
YUV	171.7760, -10.2426, 18.6134
Hunter-Lab	63.6255, 3.7621, 12.0003

Details

The Yxy color $40.4821, 0.3524, 0.3477$ is a light color, and the websafe version is hex $CC9999$. A complement of this color would be $42.6462, 0.2794, 0.3095$, and the grayscale version is $41.1800, 0.3127, 0.3290$.

A 20% lighter version of the original color is $75.9182, 0.3451, 0.3445$, and $18.2193, 0.3650, 0.3527$ is the 20% darker color. If you saturate the color by 10%, you get $35.5019, 0.3758, 0.3569$, and if you desaturate by 10%, it is $46.0344, 0.3324, 0.3388$.

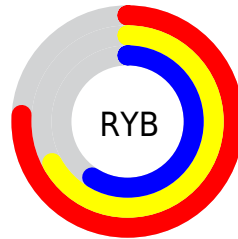
Distribution



Red (76%)

Green (65%)

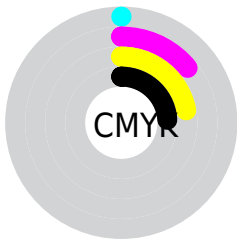
Blue (59%)



Red (76%)

Yellow (67%)

Blue (59%)

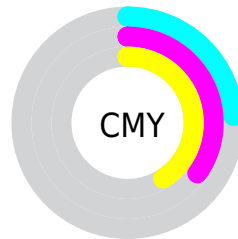


Cyan (0%)

Magenta (14%)

Yellow (22%)

Black (24%)



Cyan (24%)

Magenta (35%)


Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 40.4821, 0.3524, 0.3477 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 40.4821, 0.3524, 0.3477 by changing the saturation by 10% instead.


 40.4821, 0.3524,
0.3477


 40.4821, 0.3524,
0.3477


348.1514, 0.3320,
0.3384

 27.9146, 0.3577,
0.3500


 75.8971, 0.3448,
0.3443

 18.2613, 0.3646,
0.3529


 99.5134, 0.3420,
0.3431

 11.1378, 0.3740,
0.3567


127.5814, 0.3397,
0.3420

 6.1596, 0.3875,
0.3619

160.4856, 0.3377,
0.3411

 2.9424, 0.4084,
0.3692

198.6103, 0.3360,
0.3403

 1.1017, 0.4604,
0.3933

242.3399, 0.3344,

 0.0000, 1.0000,

0.3396

0.0000

292.0588, 0.3331,
0.3390

0.0000, 0.0000,
0.0000

40.4821, 0.3524,
0.3477

40.4821, 0.3524,
0.3477

35.5019, 0.3758,
0.3569

46.0344, 0.3324,
0.3388

31.0697, 0.4029,
0.3659

52.1711, 0.3154,
0.3304

27.1675, 0.4336,
0.3741

58.9109, 0.3011,
0.3226

23.7744, 0.4674,
0.3807

66.2702, 0.2889,
0.3155

20.8678, 0.5027,
0.3843

74.2644, 0.2785,
0.3089

■ 18.4232, 0.5370,
0.3838

■ 82.1276, 0.2756,
0.3151

■ 16.4134, 0.5672,
0.3784

■ 90.0526, 0.2768,
0.3289

■ 15.0580, 0.5881,
0.3713

■ 90.0760, 0.2768,
0.3289

Harmonies

Analogous

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



40.4821, 0.3476, 0.3311



40.4821, 0.3524, 0.3477



40.4821, 0.3462, 0.3601

Triad

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



40.4821, 0.3524, 0.3477



40.4821, 0.2922, 0.3439



40.4821, 0.2939, 0.2957

Complementary

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



40.4821, 0.3524, 0.3477



42.6462, 0.2794, 0.3095

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.



40.4821, 0.2800, 0.2979



40.4821, 0.3524, 0.3477



40.4821, 0.2790, 0.3253

Square

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



40.4821, 0.3524, 0.3477



40.4821, 0.3111, 0.3585



40.4821, 0.2746, 0.3085



40.4821, 0.3133, 0.3018

Rectangle

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



40.4821, 0.3524, 0.3477



40.4821, 0.3368, 0.3640



40.4821, 0.2746, 0.3085



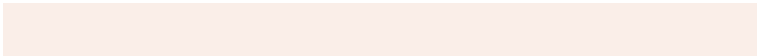
40.4821, 0.2885, 0.2955

Sweetspot

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



40.4839, 0.3524, 0.3477



87.4509, 0.3241, 0.3348



36.7141, 0.3283, 0.2926



18.6192, 0.3252, 0.3353



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.



40.4839, 0.3524, 0.3477



68.2551, 0.3628, 0.3519



48.6815, 0.3469, 0.3742



10.6156, 0.3281, 0.3368



10.1495, 0.5857, 0.3731



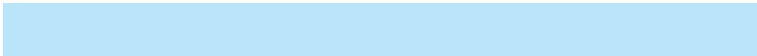
0.5669, 0.5417, 0.4081

Inverse Universe

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



42.6462, 0.2794, 0.3095



72.7919, 0.2723, 0.3048



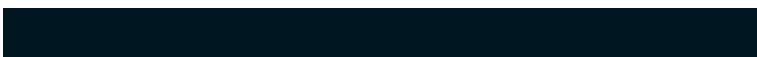
34.8714, 0.2772, 0.2794



10.8430, 0.2984, 0.3211



13.0699, 0.1937, 0.2171



0.6873, 0.2014, 0.2450

Previews

White Background



This preview shows how the Yxy color 40.4821, 0.3524, 0.3477 looks on a white background.

Color Contrast Check

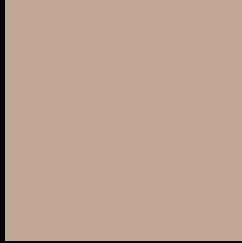
Large Text (above 18pt) WCAG AA × Fail

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 40.4821, 0.3524, 0.3477 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

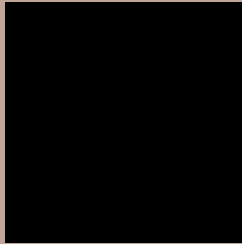
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 40.4821, 0.3524, 0.3477

Background



This preview shows how black text looks on a background with the Yxy color 40.4821, 0.3524, 0.3477.



This preview shows how white text looks on a background with the Yxy color 40.4821, 0.3524, 0.3477.

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

40.4821, 0.3524, 0.3477

Protanopia

40.5475, 0.3340, 0.3511

Deuteranopia

40.2546, 0.3536, 0.3463



Tritanopia

40.6324, 0.3344, 0.3136

Trichromacy



Original Color

40.4821, 0.3524, 0.3477

Protanomaly

40.3725, 0.3401, 0.3495

Deuteranomaly

40.2546, 0.3536, 0.3463

Tritanomaly

40.5497, 0.3407, 0.3252

Monochromacy



Original Color

40.4821, 0.3524, 0.3477

Achromatopsia

41.2543, 0.3127, 0.3290

Achromatomaly

40.7596, 0.3272, 0.3358

CSS Examples

Text

The CSS property to change the color of the text to Yxy 40.4821, 0.3524, 0.3477 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(193, 165, 151)` looks like.

```
.text, #text, p{  
    color:rgb(193, 165, 151)  
}
```

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(193, 165, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 165, 151) }
```

Border

The CSS property to change the border of an element to Yxy 40.4821, 0.3524, 0.3477 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(193, 165, 151) }
```

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

```
.border{ border-color:rgb(193, 165, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 165, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 165, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 165, 151);  
box-shadow:4px 4px 4px 4px rgb(193, 165,  
151) }
```


Background

The CSS property to change the background color of an element to Yxy 40.4821, 0.3524, 0.3477 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 165, 151) }
```

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

```
.background{ background-color: rgb(193,  
165, 151) }
```

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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