

Converting Colors

$Y_{xy}(47.5362, 0.3776, 0.3532)$

Have a look what the booklet for
Yxy(47.5362, 0.3776, 0.3532)
contains.

Yxy(47.4600, 0.3781, 0.3529)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(47.4600, 0.3781, 0.3529)

Conversions

Conversions Part 1

Format	Color
Hex	DFAC98
RGB	223, 172, 152
RGB Percent	87%, 67%, 60%
CMY	0.1255, 0.3255, 0.4040
CMYK	0.00, 0.23, 0.32, 0.13
HSL	17°, 53%, 74%
HSV	17°, 32%, 87%
XYZ	50.8490, 47.4600, 36.1767
YIQ	184.9690, 36.8160, 4.5920

Conversions

Conversions Part 2

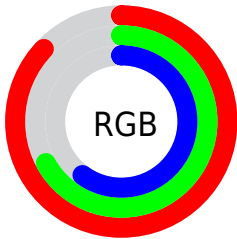
Format	Color
R _Y B	223, 180, 152
Decimal	14658712
CIE Lab	74.48, 15.89, 17.48
CIE LCh	74, 23.622, 47.740
Yxy	47.4600, 0.3781, 0.3529
Android (android.graphics.Color)	4292848792 (0xFFDFAC98)
YUV	184.9690, -16.2537, 33.3532
Hunter-Lab	68.8912, 11.1923, 17.0891

Details

The Yxy color $47.4600, 0.3781, 0.3529$ is a light color, and the websafe version is hex `CC9999`. A complement of this color would be $54.6965, 0.2643, 0.3036$, and the grayscale version is $48.5747, 0.3127, 0.3290$.

A 20% lighter version of the original color is $80.6544, 0.3468, 0.3503$, and $22.4795, 0.3959, 0.3590$ is the 20% darker color. If you saturate the color by 10%, you get $41.0671, 0.4068, 0.3606$, and if you desaturate by 10%, it is $54.7289, 0.3536, 0.3451$.

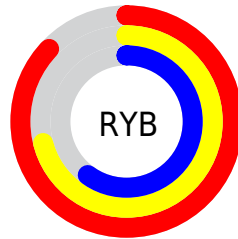
Distribution



Red (87%)

Green (67%)

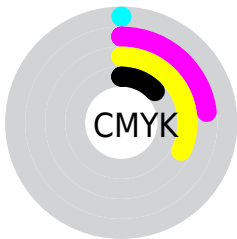
Blue (60%)



Red (87%)

Yellow (71%)

Blue (60%)

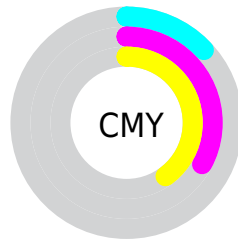


Cyan (0%)

Magenta (23%)

Yellow (32%)

Black (13%)



Cyan (13%)

Magenta (33%)

Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 47.4600, 0.3781, 0.3529 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 47.4600, 0.3781, 0.3529 by changing the saturation by 10% instead.


 47.4600, 0.3781,
0.3529

 47.4600, 0.3781,
0.3529


376.6477, 0.3452,
0.3418

 33.3995, 0.3863,
0.3554


 86.3999, 0.3661,
0.3491

 22.4326, 0.3968,
0.3583


 112.0479, 0.3616,
0.3476

 14.1751, 0.4108,
0.3619


142.3273, 0.3579,
0.3463

 8.2426, 0.4301,
0.3663

177.6224, 0.3546,
0.3452

 4.2506, 0.4584,
0.3713

218.3176, 0.3518,
0.3442

 1.8147, 0.5095,
0.3807

264.7973, 0.3493,

 0.4963, 0.6340,

0.3433

0.3660

317.4459, 0.3472,
0.3425

0.0000, 0.0000,
0.0000

47.4600, 0.3781,
0.3529

47.4600, 0.3781,
0.3529

41.0671, 0.4068,
0.3606

54.7289, 0.3536,
0.3451

35.5099, 0.4397,
0.3675

62.8989, 0.3329,
0.3374

30.7546, 0.4760,
0.3727

72.0024, 0.3156,
0.3303

26.7624, 0.5141,
0.3751

82.0681, 0.3011,
0.3236

23.4911, 0.5508,
0.3735

92.5653, 0.2934,
0.3260

■ 20.8935, 0.5823,
0.3673

■ 94.4274, 0.2935,
0.3289

■ 19.2309, 0.6025,
0.3598

Harmonies

Analogous

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



47.4600, 0.3664, 0.3258



47.4600, 0.3781, 0.3529



47.4600, 0.3711, 0.3758

Triad

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



47.4600, 0.3781, 0.3529



47.4600, 0.2849, 0.3599



47.4600, 0.2762, 0.2751

Complementary

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



47.4600, 0.3781, 0.3529



54.6965, 0.2643, 0.3036

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.



47.4600, 0.2567, 0.2808



47.4600, 0.3781, 0.3529



47.4600, 0.2614, 0.3287

Square

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



47.4600, 0.3781, 0.3529



47.4600, 0.3165, 0.3821



47.4600, 0.2515, 0.2997



47.4600, 0.3062, 0.2824

Rectangle

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



47.4600, 0.3781, 0.3529



47.4600, 0.3572, 0.3852



47.4600, 0.2515, 0.2997



47.4600, 0.2683, 0.2755

Sweetspot

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



47.4622, 0.3781, 0.3529



87.3355, 0.3296, 0.3361



42.4993, 0.3334, 0.2696



18.3348, 0.3323, 0.3372



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.



47.4622, 0.3781, 0.3529



58.6105, 0.3961, 0.3579



62.3014, 0.3660, 0.3913



14.3268, 0.3285, 0.3357



11.4737, 0.5999, 0.3619



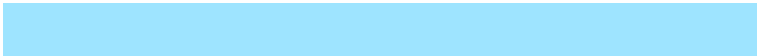
0.9445, 0.5694, 0.3861

Inverse Universe

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



54.6965, 0.2643, 0.3036



69.8042, 0.2550, 0.2976



40.2094, 0.2587, 0.2577



14.8847, 0.2982, 0.3222



18.1371, 0.1986, 0.2349



1.4066, 0.2031, 0.2511

Previews

White Background



This preview shows how the Yxy color 47.4600, 0.3781, 0.3529 looks on a white background.

Color Contrast Check

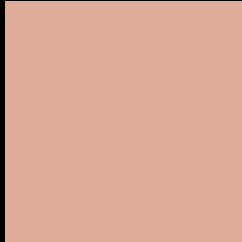
Large Text (above 18pt) WCAG AA × Fail

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 47.4600, 0.3781, 0.3529 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

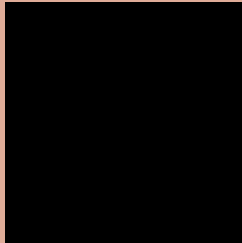
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 47.4600, 0.3781, 0.3529

Background



This preview shows how black text looks on a background with the Yxy color 47.4600, 0.3781, 0.3529.



This preview shows how white text looks on a background with the Yxy color 47.4600, 0.3781, 0.3529.

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

47.4600, 0.3781, 0.3529

Protanopia

47.6388, 0.3426, 0.3626

Deuteranopia

47.2821, 0.3673, 0.3598



Tritanopia

47.5102, 0.3550, 0.3141

Trichromacy



Original Color

47.4600, 0.3781, 0.3529

Protanomaly

47.4441, 0.3554, 0.3592

Deuteranomaly

47.4932, 0.3714, 0.3582

Tritanomaly

47.2858, 0.3641, 0.3280

Monochromacy



Original Color

47.4600, 0.3781, 0.3529

Achromatopsia

48.5150, 0.3127, 0.3290

Achromatomaly

47.8018, 0.3351, 0.3379

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.4600, 0.3781, 0.3529 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(223, 172, 152)` looks like.

```
.text, #text, p{  
    color:rgb(223, 172, 152)  
}
```

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(223, 172, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 172, 152) }
```

Border

The CSS property to change the border of an element to Yxy 47.4600, 0.3781, 0.3529 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(223, 172, 152) }
```

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

```
.border{ border-color:rgb(223, 172, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(223, 172, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(223, 172, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(223, 172, 152);  
box-shadow:4px 4px 4px 4px rgb(223, 172,  
152) }
```


Background

The CSS property to change the background color of an element to Yxy 47.4600, 0.3781, 0.3529 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 172, 152) }
```

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

```
.background{ background-color: rgb(223,  
172, 152) }
```

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