

Converting Colors

$Y_{xy}(47.1562, 0.3549, 0.3660)$

Have a look what the booklet for
Yxy(47.1562, 0.3549, 0.3660)
contains.

Yxy(47.1562, 0.3549, 0.3660)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(47.1562, 0.3549, 0.3660)

Conversions

Conversions Part 1

Format	Color
Hex	C8B497
RGB	200, 180, 151
RGB Percent	78%, 71%, 59%
CMY	0.2157, 0.2941, 0.4079
CMYK	0.00, 0.10, 0.25, 0.22
HSL	36°, 31%, 69%
HSV	36°, 25%, 78%
XYZ	45.7261, 47.1562, 35.9598
YIQ	182.6740, 21.2290, -4.7790

Conversions

Conversions Part 2

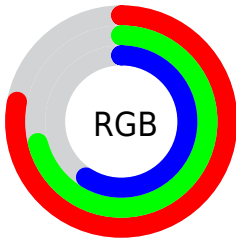
Format	Color
RYB	185, 200, 151
Decimal	13153431
CIELab	74.29, 2.60, 17.43
CIELCh	74, 17.620, 81.503
Yxy	47.1562, 0.3549, 0.3660
Android (android.graphics.Color)	4291343511 (0xFFC8B497)
YUV	182.6740, -15.6153, 15.1949
Hunter-Lab	68.6704, -1.3140, 17.0215

Details

The Yxy color $47.1562, 0.3549, 0.3660$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $39.8650, 0.2736, 0.2890$, and the grayscale version is $47.2449, 0.3127, 0.3290$.

A 20% lighter version of the original color is $85.6587, 0.3458, 0.3601$, and $22.1186, 0.3663, 0.3757$ is the 20% darker color. If you saturate the color by 10%, you get $43.3647, 0.3754, 0.3818$, and if you desaturate by 10%, it is $51.2562, 0.3363, 0.3504$.

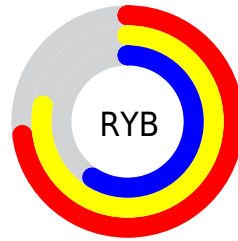
Distribution



Red (78%)

Green (71%)

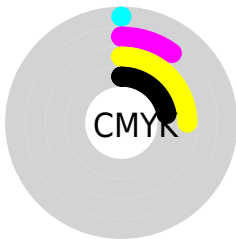
Blue (59%)



Red (73%)

Yellow (78%)

Blue (59%)

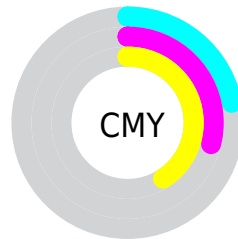


Cyan (0%)

Magenta (10%)

Yellow (25%)

Black (22%)



Cyan (22%)


Magenta (29%)


Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 47.1562, 0.3549, 0.3660 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 47.1562, 0.3549, 0.3660 by changing the saturation by 10% instead.


 47.1562, 0.3549,
0.3660

 47.1562, 0.3549,
0.3660


375.4377, 0.3338,
0.3477

 33.1592, 0.3601,
0.3705


 85.9467, 0.3473,
0.3594

 22.2484, 0.3668,
0.3761


 111.5090, 0.3444,
0.3569

 14.0395, 0.3756,
0.3836


141.6952, 0.3420,
0.3548

 8.1482, 0.3878,
0.3936

176.8896, 0.3399,
0.3530

 4.1899, 0.4054,
0.4079

217.4766, 0.3381,
0.3514

 1.7804, 0.4401,
0.4364

263.8407, 0.3365,

 0.4749, 0.5202,

0.3500

0.4798

316.3663, 0.3351,
0.3488

0.0000, 0.0000,
0.0000

47.1562, 0.3549,
0.3660

47.1562, 0.3549,
0.3660

43.3647, 0.3754,
0.3818

51.2562, 0.3363,
0.3504

39.8664, 0.3975,
0.3971

55.6666, 0.3196,
0.3355

36.6539, 0.4208,
0.4111

60.3975, 0.3048,
0.3214

33.7171, 0.4444,
0.4227

65.4567, 0.2917,
0.3082

31.0450, 0.4673,
0.4307

70.8514, 0.2802,
0.2961

■ 28.6252, 0.4882,
0.4341

■ 75.5162, 0.2785,
0.3010

■ 26.4434, 0.5059,
0.4322

■ 80.1370, 0.2792,
0.3099

■ 25.3351, 0.5146,
0.4296

■ 84.9728, 0.2798,
0.3187

■ 90.0265, 0.2804,
0.3273

Harmonies

Analogous

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



47.1562, 0.3616, 0.3500



47.1562, 0.3549, 0.3660



47.1562, 0.3368, 0.3726

Triad

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



47.1562, 0.3549, 0.3660



47.1562, 0.2725, 0.3262



47.1562, 0.3112, 0.2949

Complementary

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



47.1562, 0.3549, 0.3660



39.8650, 0.2736, 0.2890

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.



47.1562, 0.2879, 0.2883



47.1562, 0.3549, 0.3660



47.1562, 0.2662, 0.3052

Square

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



47.1562, 0.3549, 0.3660



47.1562, 0.2893, 0.3492



47.1562, 0.2717, 0.2917



47.1562, 0.3358, 0.3098

Rectangle

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



47.1562, 0.3549, 0.3660



47.1562, 0.3210, 0.3701



47.1562, 0.2717, 0.2917



47.1562, 0.3029, 0.2917

Sweetspot

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



47.1583, 0.3549, 0.3660



94.3449, 0.3238, 0.3393



37.3618, 0.3427, 0.3029



20.0921, 0.3248, 0.3402



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.



47.1583, 0.3549, 0.3660



78.3584, 0.3647, 0.3737



55.2699, 0.3459, 0.3903



11.6633, 0.3275, 0.3427



16.2878, 0.5129, 0.4309



0.9111, 0.4884, 0.4504

Inverse Universe

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



39.8650, 0.2736, 0.2890



63.7463, 0.2653, 0.2797



33.2710, 0.2746, 0.2609



10.9861, 0.2983, 0.3150



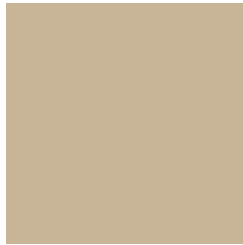
6.6156, 0.1695, 0.1302



0.4550, 0.1812, 0.1723

Previews

White Background



This preview shows how the Yxy color 47.1562, 0.3549, 0.3660 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 47.1562, 0.3549, 0.3660 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

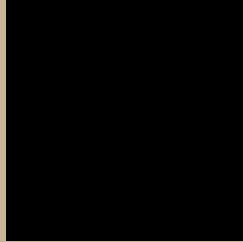
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 47.1562, 0.3549, 0.3660

Background



This preview shows how black text looks on a background with the Yxy color 47.1562, 0.3549, 0.3660.



This preview shows how white text looks on a background with the Yxy color 47.1562, 0.3549, 0.3660.

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

47.1562, 0.3549, 0.3660

Protanopia

47.0604, 0.3471, 0.3680

Deuteranopia

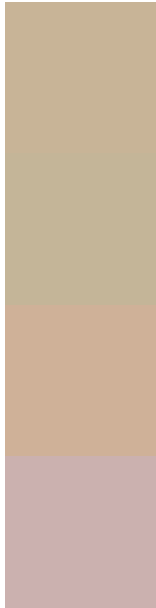
47.1666, 0.3655, 0.3587



Tritanopia

47.2699, 0.3285, 0.3132

Trichromacy



Original Color

47.1562, 0.3549, 0.3660

Protanomaly

47.0505, 0.3501, 0.3664

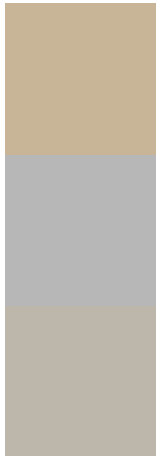
Deuteranomaly

46.9767, 0.3614, 0.3603

Tritanomaly

47.2359, 0.3375, 0.3316

Monochromacy



Original Color

47.1562, 0.3549, 0.3660

Achromatopsia

47.3531, 0.3127, 0.3290

Achromatomaly

47.2150, 0.3276, 0.3433

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.1562, 0.3549, 0.3660 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(200, 180, 151)` looks like.

```
.text, #text, p{  
    color:rgb(200, 180, 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(200, 180, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 180, 151) }
```

Border

The CSS property to change the border of an element to Yxy 47.1562, 0.3549, 0.3660 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(200, 180, 151) }
```

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

```
.border{ border-color:rgb(200, 180, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 180, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 180, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 180, 151);  
box-shadow:4px 4px 4px 4px rgb(200, 180,  
151) }
```


Background

The CSS property to change the background color of an element to Yxy 47.1562, 0.3549, 0.3660 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 180, 151) }
```

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

```
.background{ background-color: rgb(200,  
180, 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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