

Converting Colors

$Yxy(47.6559, 0.3546, 0.3566)$

Have a look what the booklet for
Yxy(47.6559, 0.3546, 0.3566)
contains.

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Color

Yxy(47.6537, 0.3546, 0.3566)

Conversions

Conversions Part 1

Format	Color
Hex	CDB39D
RGB	205, 179, 157
RGB Percent	80%, 70%, 62%
CMY	0.1960, 0.2980, 0.3844
CMYK	0.00, 0.13, 0.23, 0.20
HSL	27°, 32%, 71%
HSV	27°, 23%, 80%
XYZ	47.3864, 47.6537, 38.5933
YIQ	184.2660, 22.5580, -1.3300

Conversions

Conversions Part 2

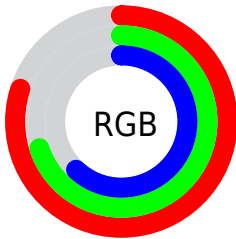
Format	Color
RYB	205, 198, 157
Decimal	13480861
CIELab	74.61, 5.93, 14.68
CIELCh	75, 15.828, 68.015
Yxy	47.6537, 0.3546, 0.3566
Android (android.graphics.Color)	4291670941 (0xFFCDB39D)
YUV	184.2660, -13.4421, 18.1837
Hunter-Lab	69.0317, 1.7250, 15.1751

Details

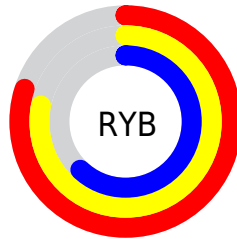
The Yxy color **47.6537, 0.3546, 0.3566** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **45.4483, 0.2760, 0.2997**, and the grayscale version is **48.1558, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.4301, 0.3413, 0.3520**, and **22.4463, 0.3660, 0.3628** is the 20% darker color. If you saturate the color by 10%, you get **42.7386, 0.3769, 0.3691**, and if you desaturate by 10%, it is **53.0493, 0.3350, 0.3444**.

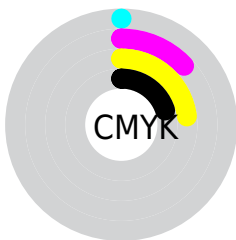
Distribution



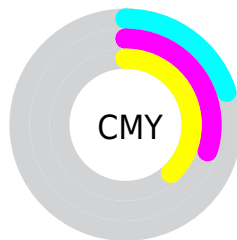
- Red (80%)
- Green (70%)
- Blue (62%)



- Red (80%)
- Yellow (78%)
- Blue (62%)



- Cyan (0%)
- Magenta (13%)
- Yellow (23%)
- Black (20%)




- Cyan (20%)
- Magenta (30%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 47.6537, 0.3546, 0.3566 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 47.6537, 0.3546, 0.3566 by changing the saturation by 10% instead.


 47.6537, 0.3546,
0.3566


 47.6537, 0.3546,
0.3566


377.4178, 0.3336,
0.3431

 33.5527, 0.3598,
0.3598


 86.6886, 0.3470,
0.3518

 22.5502, 0.3665,
0.3639


 112.3913, 0.3441,
0.3500

 14.2617, 0.3754,
0.3693


142.7300, 0.3417,
0.3484

 8.3029, 0.3877,
0.3764

178.0891, 0.3396,
0.3471

 4.2894, 0.4059,
0.3864

218.8531, 0.3378,
0.3459

 1.8367, 0.4365,
0.4025

265.4063, 0.3363,

 0.5099, 0.5524,

0.3449

0.4476

318.1330, 0.3349,
0.3439

0.0000, 0.0000,
0.0000

47.6537, 0.3546,
0.3566

47.6537, 0.3546,
0.3566

42.7386, 0.3769,
0.3691

53.0493, 0.3350,
0.3444

38.2834, 0.4019,
0.3812

58.9325, 0.3180,
0.3328

34.2750, 0.4293,
0.3924

65.3185, 0.3033,
0.3220

30.6974, 0.4583,
0.4014

72.2197, 0.2905,
0.3119

27.5332, 0.4878,
0.4069

79.3548, 0.2819,
0.3073

■ 24.7636, 0.5156,
0.4079

■ 85.8987, 0.2827,
0.3191

■ 22.3672, 0.5400,
0.4035

■ 91.7223, 0.2833,
0.3289

■ 20.9776, 0.5540,
0.3983

Harmonies

Analogous

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



47.6537, 0.3550, 0.3399



47.6537, 0.3546, 0.3566



47.6537, 0.3426, 0.3667

Triad

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



47.6537, 0.3546, 0.3566



47.6537, 0.2824, 0.3360



47.6537, 0.3015, 0.2946

Complementary

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



47.6537, 0.3546, 0.3566



45.4483, 0.2760, 0.2997

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.



47.6537, 0.2829, 0.2926



47.6537, 0.3546, 0.3566



47.6537, 0.2722, 0.3157

Square

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



47.6537, 0.3546, 0.3566



47.6537, 0.3008, 0.3550



47.6537, 0.2724, 0.3000



47.6537, 0.3238, 0.3050

Rectangle

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



47.6537, 0.3546, 0.3566



47.6537, 0.3300, 0.3678



47.6537, 0.2724, 0.3000



47.6537, 0.2946, 0.2929

Sweetspot

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



47.6559, 0.3546, 0.3566



92.8873, 0.3240, 0.3370



40.5285, 0.3350, 0.2963



19.7546, 0.3250, 0.3377



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.



47.6559, 0.3546, 0.3566



73.9778, 0.3652, 0.3627



57.9492, 0.3484, 0.3843



12.0464, 0.3279, 0.3397



13.2417, 0.5517, 0.4002



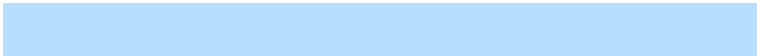
0.8343, 0.5193, 0.4259

Inverse Universe

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



45.4483, 0.2760, 0.2997



69.7545, 0.2681, 0.2926



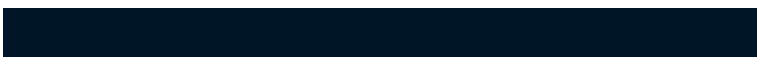
36.5068, 0.2734, 0.2670



11.8341, 0.2983, 0.3181



10.0229, 0.1815, 0.1732



0.6678, 0.1907, 0.2064

Previews

White Background



This preview shows how the Yxy color 47.6537, 0.3546, 0.3566 looks on a white background.

Color Contrast Check

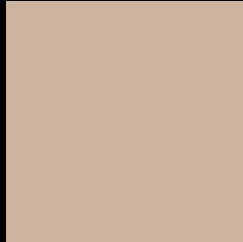
Large Text (above 18pt) WCAG AA × Fail

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 47.6537, 0.3546, 0.3566 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

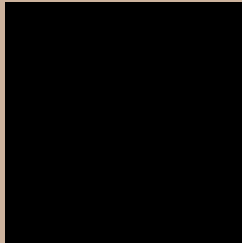
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 47.6537, 0.3546, 0.3566

Background



This preview shows how black text looks on a background with the Yxy color 47.6537, 0.3546, 0.3566.



This preview shows how white text looks on a background with the Yxy color 47.6537, 0.3546, 0.3566.

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

47.6537, 0.3546, 0.3566

Protanopia

47.7076, 0.3410, 0.3600

Deuteranopia

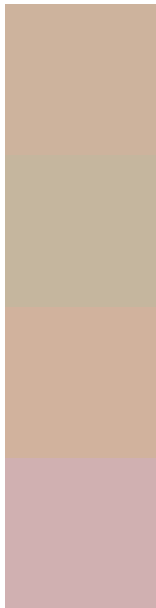
47.7275, 0.3607, 0.3537



Tritanopia

47.8461, 0.3321, 0.3134

Trichromacy



Original Color

47.6537, 0.3546, 0.3566

Protanomaly

47.7948, 0.3456, 0.3597

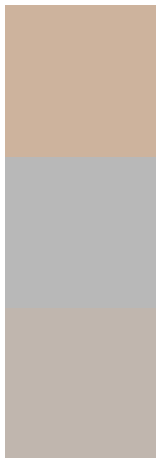
Deuteranomaly

47.8304, 0.3585, 0.3550

Tritanomaly

47.6349, 0.3405, 0.3279

Monochromacy



Original Color

47.6537, 0.3546, 0.3566

Achromatopsia

47.9320, 0.3127, 0.3290

Achromatomaly

47.7184, 0.3278, 0.3393

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.6537, 0.3546, 0.3566 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(205, 179, 157)` looks like.

```
.text, #text, p{  
    color:rgb(205, 179, 157)  
}
```

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(205, 179, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 179, 157) }
```

Border

The CSS property to change the border of an element to Yxy 47.6537, 0.3546, 0.3566 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(205, 179, 157) }
```

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

```
.border{ border-color:rgb(205, 179, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 179, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 179, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 179, 157);  
box-shadow:4px 4px 4px 4px rgb(205, 179,  
157) }
```


Background

The CSS property to change the background color of an element to Yxy 47.6537, 0.3546, 0.3566 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 179, 157) }
```

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

```
.background{ background-color: rgb(205,  
179, 157) }
```

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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