

Converting Colors

Yxy(50.6944, 0.3490, 0.3670)

Have a look what the booklet for
Yxy(50.6944, 0.3490, 0.3670)
contains.

| | |
|-------------------------------------------|----|
| Yxy(50.9573, 0.3495, 0.3677) | 3 |
| Conversions | 4 |
| Details | 6 |
| Harmonies | 12 |
| Previews | 24 |
| Color Blindness Simulation | 27 |
| CSS Examples | 30 |

Color

Yxy(50.9573, 0.3495, 0.3677)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | CABC9D |
| RGB | 202, 188, 157 |
| RGB Percent | 79%, 74%, 62% |
| CMY | 0.2077, 0.2628, 0.3842 |
| CMYK | 0.00, 0.07, 0.22, 0.21 |
| HSL | 41°, 30%, 70% |
| HSV | 41°, 22%, 79% |
| XYZ | 48.4351, 50.9573, 39.1915 |
| YIQ | 188.6520, 18.2950, -6.6730 |

Conversions

Conversions Part 2

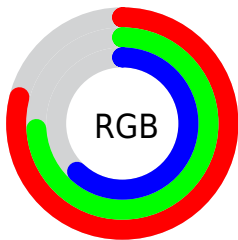
| Format | Color |
|-------------------------------------|--------------------------------------------------------------|
| RYB | 177, 202, 157 |
| Decimal | 13286557 |
| CIELab | 76.65, 0.00, 17.48 |
| CIELCh | 77, 17.479, 89.985 |
| Yxy | 50.9573, 0.3495, 0.3677 |
| Android (android.graphics.Color) | 4291476637 (0xFFCABC9D) |
| YUV | 188.6520, -15.6044, 11.7062 |
| Hunter-Lab | 71.3844, -3.8085, 17.4176 |

Details

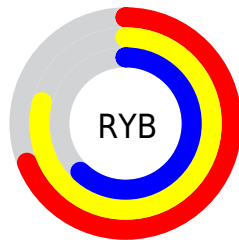
The Yxy color $50.9573, 0.3495, 0.3677$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $40.5890, 0.2769, 0.2870$, and the grayscale version is $50.7671, 0.3127, 0.3290$.

A 20% lighter version of the original color is $90.7148, 0.3399, 0.3607$, and $24.6645, 0.3595, 0.3777$ is the 20% darker color. If you saturate the color by 10%, you get $47.6905, 0.3683, 0.3858$, and if you desaturate by 10%, it is $54.4605, 0.3321, 0.3499$.

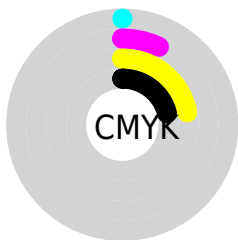
Distribution



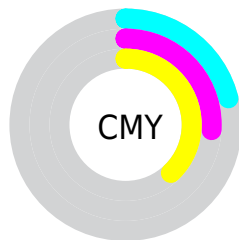
- Red (79%)
- Green (74%)
- Blue (62%)



- Red (69%)
- Yellow (79%)
- Blue (62%)



- Cyan (0%)
- Magenta (7%)
- Yellow (22%)
- Black (21%)




- Cyan (21%)
- Magenta (26%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 50.9573, 0.3495, 0.3677 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 50.9573, 0.3495, 0.3677 by changing the saturation by 10% instead.


 50.9573, 0.3495,
0.3677

 50.9573, 0.3495,
0.3677


390.3979, 0.3314,
0.3487

 36.1746, 0.3539,
0.3723


 91.5917, 0.3430,
0.3609

 24.5691, 0.3595,
0.3782


 118.2121, 0.3406,
0.3583

 15.7563, 0.3668,
0.3858

149.5473, 0.3385,
0.3561

 9.3519, 0.3766,
0.3962

185.9816, 0.3367,
0.3542

 4.9714, 0.3907,
0.4110

227.8994, 0.3351,
0.3525

 2.2305, 0.4128,
0.4343

275.6851, 0.3337,

 0.7365, 0.4873,

0.3511

0.5127

329.7232, 0.3325,
0.3498

0.0000, 0.0000,
0.0000

50.9573, 0.3495,
0.3677

50.9573, 0.3495,
0.3677

47.6905, 0.3683,
0.3858

54.4605, 0.3321,
0.3499

44.6461, 0.3882,
0.4034

58.1999, 0.3161,
0.3328

41.8188, 0.4086,
0.4198

62.1840, 0.3017,
0.3166

39.2005, 0.4288,
0.4339

66.4191, 0.2888,
0.3015

36.7820, 0.4479,
0.4447

70.7131, 0.2790,
0.2907

■ 34.5532, 0.4649,
0.4510

■ 74.0754, 0.2795,
0.2976

■ 32.5021, 0.4789,
0.4524

■ 77.5639, 0.2800,
0.3045

■ 31.0249, 0.4881,
0.4507

■ 81.1796, 0.2804,
0.3114

■ 84.9240, 0.2809,
0.3181

Harmonies

Analogous

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



50.9573, 0.3594, 0.3544



50.9573, 0.3495, 0.3677



50.9573, 0.3298, 0.3708

Triad

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



50.9573, 0.3495, 0.3677



50.9573, 0.2710, 0.3201



50.9573, 0.3181, 0.2994

Complementary

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



50.9573, 0.3495, 0.3677



40.5890, 0.2769, 0.2870

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.



50.9573, 0.2946, 0.2905



50.9573, 0.3495, 0.3677



50.9573, 0.2681, 0.3014

Square

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



50.9573, 0.3495, 0.3677



50.9573, 0.2846, 0.3425



50.9573, 0.2765, 0.2909



50.9573, 0.3410, 0.3155

Rectangle

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



50.9573, 0.3495, 0.3677



50.9573, 0.3140, 0.3659



50.9573, 0.2765, 0.2909



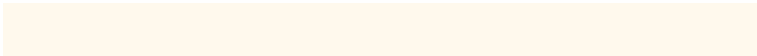
50.9573, 0.3100, 0.2955

Sweetspot

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



50.9596, 0.3495, 0.3677



95.4007, 0.3236, 0.3409



39.6349, 0.3437, 0.3110



20.3369, 0.3246, 0.3420



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.



50.9596, 0.3495, 0.3677



83.3819, 0.3589, 0.3769



56.1345, 0.3392, 0.3853



12.4831, 0.3273, 0.3449



20.1211, 0.4869, 0.4516



1.1696, 0.4706, 0.4645

Inverse Universe

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



40.5890, 0.2769, 0.2870



62.6115, 0.2680, 0.2759



36.4173, 0.2824, 0.2685



11.4057, 0.2983, 0.3126



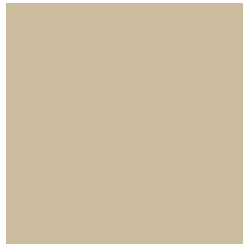
5.1752, 0.1622, 0.1040



0.4029, 0.1734, 0.1442

Previews

White Background



This preview shows how the Yxy color 50.9573, 0.3495, 0.3677 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 50.9573, 0.3495, 0.3677 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

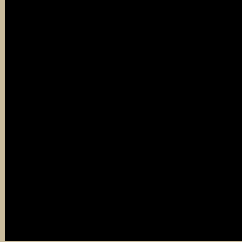
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 50.9573, 0.3495, 0.3677

Background



This preview shows how black text looks on a background with the Yxy color 50.9573, 0.3495, 0.3677.

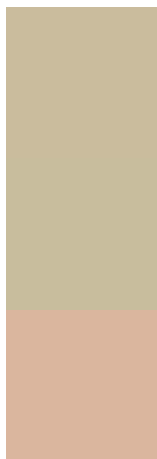


This preview shows how white text looks on a background with the Yxy color 50.9573, 0.3495, 0.3677.

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

50.9573, 0.3495, 0.3677

Protanopia

51.1089, 0.3475, 0.3692

Deuteranopia

50.8299, 0.3647, 0.3578



Tritanopia

50.7525, 0.3220, 0.3111

Trichromacy



Original Color

50.9573, 0.3495, 0.3677

Protanomaly

51.2470, 0.3483, 0.3691

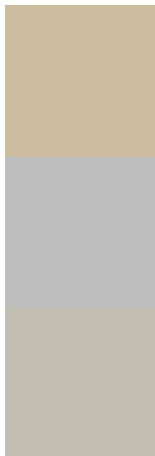
Deuteranomaly

50.7467, 0.3587, 0.3607

Tritanomaly

50.6375, 0.3323, 0.3315

Monochromacy



Original Color

50.9573, 0.3495, 0.3677

Achromatopsia

50.8881, 0.3127, 0.3290

Achromatomaly

51.0389, 0.3262, 0.3441

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.9573, 0.3495, 0.3677 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(202, 188, 157)` looks like.

```
.text, #text, p{  
    color:rgb(202, 188, 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(202, 188, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(202, 188, 157) }
```

Border

The CSS property to change the border of an element to Yxy 50.9573, 0.3495, 0.3677 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(202, 188, 157) }
```

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

```
.border{ border-color:rgb(202, 188, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(202, 188, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(202, 188, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(202, 188, 157);  
box-shadow:4px 4px 4px 4px rgb(202, 188,  
157) }
```


Background

The CSS property to change the background color of an element to Yxy 50.9573, 0.3495, 0.3677 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(202, 188, 157) }
```

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

```
.background{ background-color: rgb(202,  
188, 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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