

Converting Colors

$Y_{xy}(57.3385, 0.3458, 0.3673)$

Have a look what the booklet for
Yxy(57.3385, 0.3458, 0.3673)
contains.

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Color

Yxy(57.3385, 0.3458, 0.3673)

Conversions

Conversions Part 1

Format	Color
Hex	D2C7A7
RGB	210, 199, 167
RGB Percent	82%, 78%, 65%
CMY	0.1764, 0.2196, 0.3450
CMYK	0.00, 0.05, 0.20, 0.18
HSL	45°, 32%, 74%
HSV	45°, 20%, 82%
XYZ	53.9822, 57.3385, 44.7874
YIQ	198.6410, 16.8280, -7.6200

Conversions

Conversions Part 2

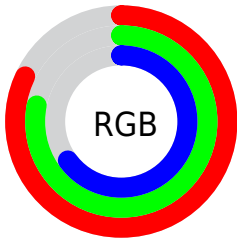
Format	Color
RYB	182, 210, 167
Decimal	13813671
CIELab	80.37, -1.32, 17.41
CIELCh	80, 17.464, 94.322
Yxy	57.3385, 0.3458, 0.3673
Android (android.graphics.Color)	4292003751 (0xFFD2C7A7)
YUV	198.6410, -15.5990, 9.9618
Hunter-Lab	75.7222, -5.2616, 17.9373

Details

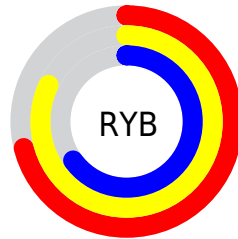
The Yxy color **57.3385, 0.3458, 0.3673** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **44.7271, 0.2797, 0.2875**, and the grayscale version is **56.9752, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.0539, 0.3321, 0.3611**, and **28.4572, 0.3541, 0.3769** is the 20% darker color. If you saturate the color by 10%, you get **54.1925, 0.3638, 0.3867**, and if you desaturate by 10%, it is **60.7034, 0.3290, 0.3482**.

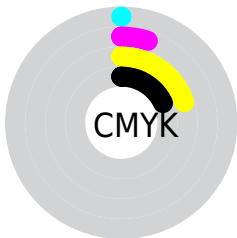
Distribution



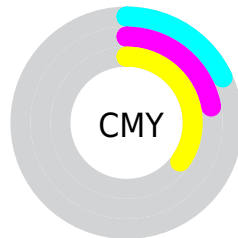
- Red (82%)
- Green (78%)
- Blue (65%)



- Red (71%)
- Yellow (82%)
- Blue (65%)



- Cyan (0%)
- Magenta (5%)
- Yellow (20%)
- Black (18%)





- Cyan (18%)
- Magenta (22%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 57.3385, 0.3458, 0.3673 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 57.3385, 0.3458, 0.3673 by changing the saturation by 10% instead.


 57.3385, 0.3458,
0.3673

 57.3385, 0.3458,
0.3673

414.7165, 0.3299,
0.3488

 41.2771, 0.3496,
0.3717


 100.9589, 0.3402,
0.3607

 28.5356, 0.3543,
0.3773

 129.2867, 0.3380,
0.3582

 18.7298, 0.3604,
0.3845


162.4721, 0.3362,
0.3561

 11.4752, 0.3686,
0.3941

200.8995, 0.3346,
0.3542

 6.3874, 0.3799,
0.4077

244.9532, 0.3332,
0.3526

 3.0821, 0.3965,
0.4279

295.0177, 0.3319,

 1.1747, 0.4718,

0.3512

0.5140

351.4773, 0.3309,
0.3499

0.0409, 0.1419,
0.8581

0.0000, 0.0000,
0.0000

57.3385, 0.3458,
0.3673

57.3385, 0.3458,
0.3673

54.1925, 0.3638,
0.3867

60.7034, 0.3290,
0.3482

51.2508, 0.3825,
0.4057


64.2861, 0.3134,
0.3299


48.5084, 0.4015,
0.4235


68.0953, 0.2993,
0.3125


45.9573, 0.4200,
0.4391

72.1370, 0.2865,
0.2964

 43.5883, 0.4373,
0.4514

 75.2711, 0.2845,
0.2982


 41.3914, 0.4524,
0.4595


 78.2437, 0.2848,
0.3040

 39.3548, 0.4646,
0.4628

 81.3090, 0.2851,
0.3098

 37.5447, 0.4738,
0.4620

 84.4678, 0.2854,
0.3155

 87.7209, 0.2856,
0.3211

Harmonies

Analogous

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



57.3385, 0.3569, 0.3557



57.3385, 0.3458, 0.3673



57.3385, 0.3259, 0.3685

Triad

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



57.3385, 0.3458, 0.3673



57.3385, 0.2715, 0.3176



57.3385, 0.3213, 0.3024

Complementary

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



57.3385, 0.3458, 0.3673



44.7271, 0.2797, 0.2875

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.



57.3385, 0.2984, 0.2926



57.3385, 0.3458, 0.3673



57.3385, 0.2703, 0.3005

Square

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



57.3385, 0.3458, 0.3673



57.3385, 0.2833, 0.3389



57.3385, 0.2799, 0.2917



57.3385, 0.3426, 0.3186

Rectangle

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



57.3385, 0.3458, 0.3673



57.3385, 0.3106, 0.3627



57.3385, 0.2799, 0.2917



57.3385, 0.3135, 0.2983

Sweetspot

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



57.3411, 0.3458, 0.3673



96.5767, 0.3219, 0.3400



44.5811, 0.3427, 0.3151



20.5933, 0.3230, 0.3412



0.0000, 0.0000, 0.0000



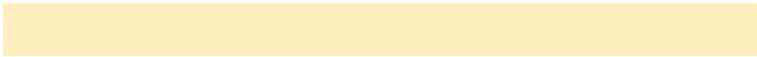
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



57.3411, 0.3458, 0.3673



86.5662, 0.3543, 0.3766



61.1719, 0.3354, 0.3810



13.2632, 0.3272, 0.3462



23.0656, 0.4728, 0.4628



1.4133, 0.4609, 0.4722

Inverse Universe

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



44.7271, 0.2797, 0.2875



63.2413, 0.2712, 0.2764



41.6496, 0.2869, 0.2741



11.9032, 0.2982, 0.3112



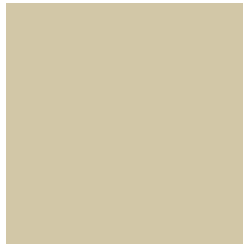
4.5763, 0.1587, 0.0912



0.3858, 0.1688, 0.1276

Previews

White Background



This preview shows how the Yxy color 57.3385, 0.3458, 0.3673 looks on a white background.

Color Contrast Check

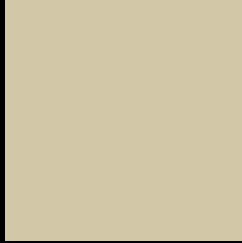
Large Text (above 18pt) WCAG AA × Fail

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 57.3385, 0.3458, 0.3673 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

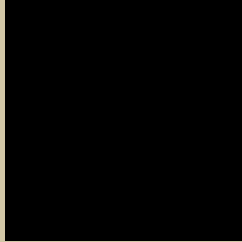
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

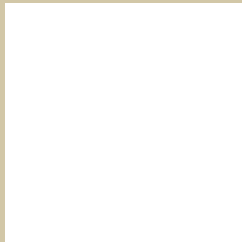
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 57.3385, 0.3458, 0.3673

Background



This preview shows how black text looks on a background with the Yxy color 57.3385, 0.3458, 0.3673.

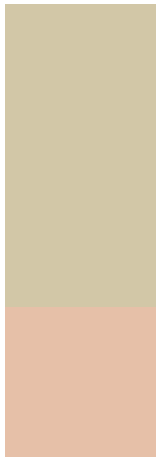


This preview shows how white text looks on a background with the Yxy color 57.3385, 0.3458, 0.3673.

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

57.3385, 0.3458, 0.3673

Protanopia

57.3385, 0.3458, 0.3673

Deuteranopia

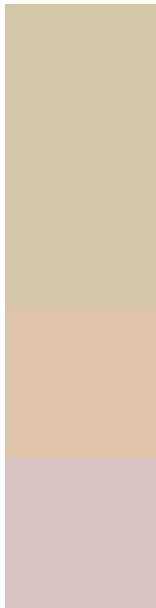
57.3494, 0.3638, 0.3564



Tritanopia

57.1411, 0.3191, 0.3118

Trichromacy



Original Color

57.3385, 0.3458, 0.3673

Protanomaly

57.3385, 0.3458, 0.3673

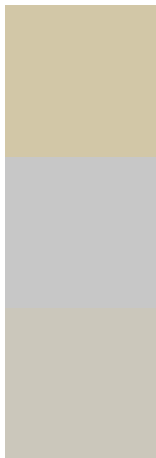
Deuteranomaly

57.5453, 0.3570, 0.3603

Tritanomaly

57.0266, 0.3288, 0.3314

Monochromacy



Original Color

57.3385, 0.3458, 0.3673

Achromatopsia

57.1125, 0.3127, 0.3290

Achromatomaly

57.1312, 0.3248, 0.3434

CSS Examples

Text

The CSS property to change the color of the text to Yxy 57.3385, 0.3458, 0.3673 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(210, 199, 167)` looks like.

```
.text, #text, p{  
    color:rgb(210, 199, 167)  
}
```

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(210, 199, 167) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 199, 167) }
```

Border

The CSS property to change the border of an element to Yxy 57.3385, 0.3458, 0.3673 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(210, 199, 167) }
```

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

```
.border{ border-color:rgb(210, 199, 167) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 199, 167)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(210, 199, 167); -webkit-box-shadow:4px 4px 4px 4px rgb(210, 199, 167); box-shadow:4px 4px 4px 4px rgb(210, 199, 167) }
```


Background

The CSS property to change the background color of an element to Yxy 57.3385, 0.3458, 0.3673 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 199, 167) }
```

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

```
.background{ background-color: rgb(210,  
199, 167) }
```

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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