

Converting Colors

Yxy(51.6833, 0.3513, 0.3545)

Have a look what the booklet for
Yxy(51.6833, 0.3513, 0.3545)
contains.

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Color

Yxy(51.6833, 0.3513, 0.3545)

Conversions

Conversions Part 1

Format	Color
Hex	D3BAA5
RGB	211, 186, 165
RGB Percent	83%, 73%, 65%
CMY	0.1726, 0.2706, 0.3528
CMYK	0.00, 0.12, 0.22, 0.17
HSL	27°, 34%, 74%
HSV	27°, 22%, 83%
XYZ	51.2168, 51.6833, 42.8920
YIQ	191.0810, 21.6410, -1.2310

Conversions

Conversions Part 2

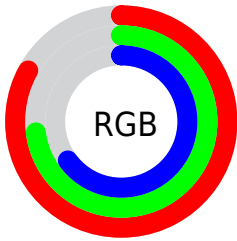
Format	Color
R _Y B	211, 204, 165
Decimal	13875877
CIE Lab	77.09, 5.62, 13.89
CIE LCh	77, 14.984, 67.969
Yxy	51.6833, 0.3513, 0.3545
Android (android.graphics.Color)	4292065957 (0xFFD3BAA5)
YUV	191.0810, -12.8579, 17.4690
Hunter-Lab	71.8911, 1.3578, 14.9499

Details

The Yxy color **51.6833, 0.3513, 0.3545** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **49.5490, 0.2786, 0.3021**, and the grayscale version is **52.2188, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.9316, 0.3351, 0.3508**, and **25.0352, 0.3622, 0.3615** is the 20% darker color. If you saturate the color by 10%, you get **46.3365, 0.3732, 0.3669**, and if you desaturate by 10%, it is **57.5499, 0.3321, 0.3424**.

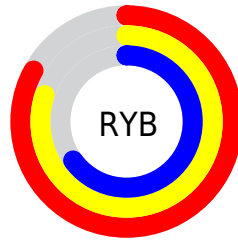
Distribution



Red (83%)

Green (73%)

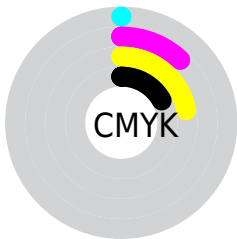
Blue (65%)



Red (83%)

Yellow (80%)

Blue (65%)

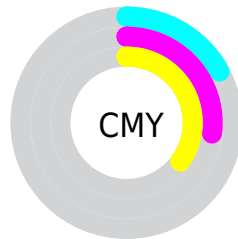


Cyan (0%)

Magenta (12%)

Yellow (22%)

Black (17%)



Cyan (17%)


Magenta (27%)

Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 51.6833, 0.3513, 0.3545 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 51.6833, 0.3513, 0.3545 by changing the saturation by 10% instead.


 51.6833, 0.3513,
0.3545


 51.6833, 0.3513,
0.3545

393.2127, 0.3323,
0.3422

 36.7527, 0.3560,
0.3574

 92.6640, 0.3444,
0.3501

 25.0161, 0.3619,
0.3611


 119.4829, 0.3418,
0.3485

 16.0890, 0.3697,
0.3659


151.0334, 0.3396,
0.3470

 9.5872, 0.3805,
0.3722

187.6998, 0.3377,
0.3458

 5.1261, 0.3960,
0.3810

229.8665, 0.3361,
0.3447

 2.3214, 0.4204,
0.3939

277.9180, 0.3347,

 0.7850, 0.5297,

0.3438

0.4703

332.2386, 0.3334,
0.3430

0.0000, 0.0000,
0.0000

51.6833, 0.3513,
0.3545

51.6833, 0.3513,
0.3545

46.3365, 0.3732,
0.3669

57.5499, 0.3321,
0.3424

41.4873, 0.3979,
0.3791

63.9437, 0.3154,
0.3310

37.1217, 0.4250,
0.3905

70.8812, 0.3010,
0.3203

33.2227, 0.4541,
0.3998

78.3757, 0.2886,
0.3104

29.7717, 0.4837,
0.4060

85.3982, 0.2860,
0.3169

■ 26.7487, 0.5121,
0.4077

■ 92.4974, 0.2866,
0.3288

■ 24.1309, 0.5372,
0.4040

■ 92.5887, 0.2866,
0.3289

■ 22.2585, 0.5549,
0.3976

Harmonies

Analogous

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



51.6833, 0.3517, 0.3391



51.6833, 0.3513, 0.3545



51.6833, 0.3403, 0.3637

Triad

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



51.6833, 0.3513, 0.3545



51.6833, 0.2848, 0.3355



51.6833, 0.3024, 0.2972

Complementary

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



51.6833, 0.3513, 0.3545



49.5490, 0.2786, 0.3021

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.



51.6833, 0.2852, 0.2954



51.6833, 0.3513, 0.3545



51.6833, 0.2753, 0.3168

Square

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



51.6833, 0.3513, 0.3545



51.6833, 0.3018, 0.3529



51.6833, 0.2754, 0.3023



51.6833, 0.3229, 0.3068

Rectangle

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



51.6833, 0.3513, 0.3545



51.6833, 0.3287, 0.3646



51.6833, 0.2754, 0.3023



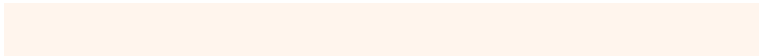
51.6833, 0.2960, 0.2957

Sweetspot

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



51.6856, 0.3513, 0.3545



92.8647, 0.3240, 0.3369



44.5049, 0.3332, 0.2986



19.7493, 0.3250, 0.3376



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.



51.6856, 0.3513, 0.3545



75.5534, 0.3608, 0.3601



62.0208, 0.3459, 0.3804



12.6838, 0.3279, 0.3396



13.6328, 0.5524, 0.3995



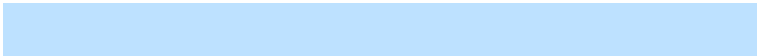
0.9200, 0.5219, 0.4238

Inverse Universe

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



49.5490, 0.2786, 0.3021



71.7207, 0.2714, 0.2957



40.4680, 0.2765, 0.2718



12.4678, 0.2983, 0.3181



10.4122, 0.1816, 0.1738



0.7398, 0.1902, 0.2047

Previews

White Background



This preview shows how the Yxy color 51.6833, 0.3513, 0.3545 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 51.6833, 0.3513, 0.3545 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

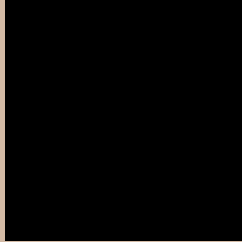
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 51.6833, 0.3513, 0.3545

Background



This preview shows how black text looks on a background with the Yxy color 51.6833, 0.3513, 0.3545.



This preview shows how white text looks on a background with the Yxy color 51.6833, 0.3513, 0.3545.

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

51.6833, 0.3513, 0.3545

Protanopia

51.7590, 0.3383, 0.3578

Deuteranopia

51.5256, 0.3575, 0.3493



Tritanopia

51.8885, 0.3297, 0.3127

Trichromacy



Original Color

51.6833, 0.3513, 0.3545

Protanomaly

51.8449, 0.3428, 0.3575

Deuteranomaly

51.4812, 0.3546, 0.3507

Tritanomaly

51.6659, 0.3378, 0.3267

Monochromacy



Original Color

51.6833, 0.3513, 0.3545

Achromatopsia

52.0996, 0.3127, 0.3290

Achromatomaly

51.7784, 0.3256, 0.3377

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.6833, 0.3513, 0.3545 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(211, 186, 165)` looks like.

```
.text, #text, p{  
    color:rgb(211, 186, 165)  
}
```

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(211, 186, 165) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(211, 186, 165) }
```

Border

The CSS property to change the border of an element to Yxy 51.6833, 0.3513, 0.3545 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(211, 186, 165) }
```

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

```
.border{ border-color:rgb(211, 186, 165) }
```

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

Here you see how a box with a 4 pixel `rgb(211, 186, 165)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(211, 186, 165); -webkit-box-  
shadow:4px 4px 4px 4px rgb(211, 186, 165);  
box-shadow:4px 4px 4px 4px rgb(211, 186,  
165) }
```


Background

The CSS property to change the background color of an element to Yxy 51.6833, 0.3513, 0.3545 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(211, 186, 165) }
```

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

```
.background{ background-color: rgb(211,  
186, 165) }
```

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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