

Converting Colors

Yxy(51.7923, 0.3546, 0.3561)

Have a look what the booklet for
Yxy(51.7923, 0.3546, 0.3561)
contains.

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Color

Yxy(51.9083, 0.3548, 0.3568)

Conversions

Conversions Part 1

Format	Color
Hex	D5BAA3
RGB	213, 186, 163
RGB Percent	84%, 73%, 64%
CMY	0.1646, 0.2706, 0.3607
CMYK	0.00, 0.13, 0.23, 0.16
HSL	28°, 37%, 74%
HSV	28°, 23%, 84%
XYZ	51.6173, 51.9083, 41.9573
YIQ	191.4510, 23.4750, -1.4290

Conversions

Conversions Part 2

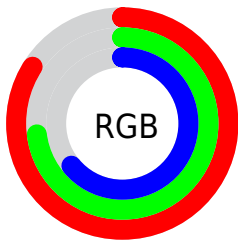
Format	Color
R _Y B	213, 206, 163
Decimal	14006947
CIE Lab	77.23, 6.10, 15.20
CIE LCh	77, 16.373, 68.137
Yxy	51.9083, 0.3548, 0.3568
Android (android.graphics.Color)	4292197027 (0xFFD5BAA3)
YUV	191.4510, -14.0263, 18.8985
Hunter-Lab	72.0474, 1.8008, 15.9053

Details

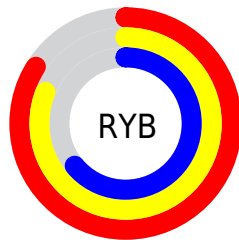
The Yxy color $51.9083, 0.3548, 0.3568$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $49.4433, 0.2759, 0.2995$, and the grayscale version is $52.4521, 0.3127, 0.3290$.

A 20% lighter version of the original color is $89.8262, 0.3364, 0.3528$, and $25.1919, 0.3669, 0.3645$ is the 20% darker color. If you saturate the color by 10%, you get $46.5521, 0.3771, 0.3693$, and if you desaturate by 10%, it is $57.7889, 0.3352, 0.3446$.

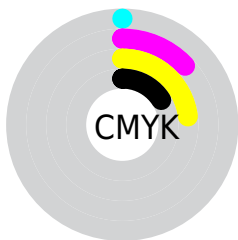
Distribution



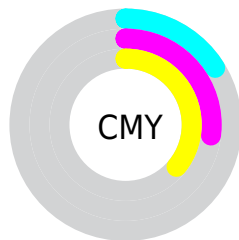
- Red (84%)
- Green (73%)
- Blue (64%)



- Red (84%)
- Yellow (81%)
- Blue (64%)



- Cyan (0%)
- Magenta (13%)
- Yellow (23%)
- Black (16%)




- Cyan (16%)
- Magenta (27%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.9083, 0.3548, 0.3568 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 51.9083, 0.3548, 0.3568 by changing the saturation by 10% instead.


 51.9083, 0.3548,
0.3568

 51.9083, 0.3548,
0.3568


394.0825, 0.3340,
0.3434

 36.9320, 0.3599,
0.3600


 92.9960, 0.3473,
0.3521

 25.1548, 0.3663,
0.3639


 119.8762, 0.3445,
0.3503

 16.1925, 0.3748,
0.3690

151.4931, 0.3421,
0.3487

 9.6604, 0.3864,
0.3758

188.2311, 0.3400,
0.3474

 5.1744, 0.4032,
0.3852

230.4747, 0.3382,
0.3462

 2.3500, 0.4293,
0.3986

278.6082, 0.3367,

 0.8000, 0.5324,

0.3452

0.4676

333.0160, 0.3353,
0.3442

0.0000, 0.0000,
0.0000

51.9083, 0.3548,
0.3568

51.9083, 0.3548,
0.3568

46.5521, 0.3771,
0.3693

57.7889, 0.3352,
0.3446

41.6977, 0.4022,
0.3815

64.2016, 0.3181,
0.3329

37.3308, 0.4297,
0.3927

71.1630, 0.3033,
0.3220

33.4339, 0.4588,
0.4017

78.6868, 0.2905,
0.3119

29.9880, 0.4882,
0.4072

85.8142, 0.2872,
0.3171

■ 26.9724, 0.5160,
0.4081

■ 92.8902, 0.2877,
0.3289

■ 24.3636, 0.5402,
0.4035

■ 22.8616, 0.5541,
0.3983

Harmonies

Analogous

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



51.9083, 0.3553, 0.3400



51.9083, 0.3548, 0.3568



51.9083, 0.3427, 0.3669

Triad

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



51.9083, 0.3548, 0.3568



51.9083, 0.2822, 0.3359



51.9083, 0.3015, 0.2945

Complementary

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



51.9083, 0.3548, 0.3568



49.4433, 0.2759, 0.2995

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.



51.9083, 0.2828, 0.2924



51.9083, 0.3548, 0.3568



51.9083, 0.2720, 0.3155

Square

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



51.9083, 0.3548, 0.3568



51.9083, 0.3006, 0.3551



51.9083, 0.2722, 0.2998



51.9083, 0.3239, 0.3049

Rectangle

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



51.9083, 0.3548, 0.3568



51.9083, 0.3300, 0.3680



51.9083, 0.2722, 0.2998



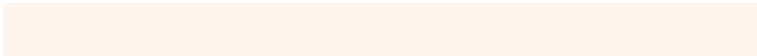
51.9083, 0.2946, 0.2928

Sweetspot

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



51.9107, 0.3548, 0.3568



92.9005, 0.3240, 0.3370



44.0919, 0.3352, 0.2961



19.7576, 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.



51.9107, 0.3548, 0.3568



74.0228, 0.3652, 0.3628



63.1489, 0.3485, 0.3845



13.3515, 0.3280, 0.3397



14.1604, 0.5517, 0.4002



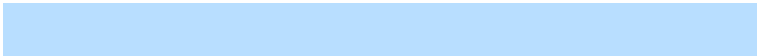
1.0186, 0.5230, 0.4229

Inverse Universe

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



49.4433, 0.2759, 0.2995



69.7079, 0.2681, 0.2925



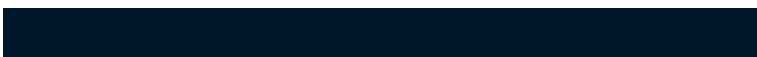
39.6920, 0.2732, 0.2667



13.1097, 0.2982, 0.3180



10.6506, 0.1812, 0.1724



0.8072, 0.1894, 0.2018

Previews

White Background



This preview shows how the Yxy color 51.9083, 0.3548, 0.3568 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 51.9083, 0.3548, 0.3568 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

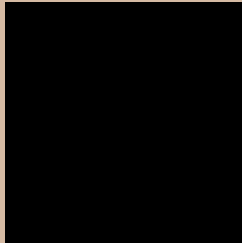
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 51.9083, 0.3548, 0.3568

Background



This preview shows how black text looks on a background with the Yxy color 51.9083, 0.3548, 0.3568.



This preview shows how white text looks on a background with the Yxy color 51.9083, 0.3548, 0.3568.

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

51.9083, 0.3548, 0.3568

Protanopia

51.8229, 0.3408, 0.3602

Deuteranopia

51.9854, 0.3607, 0.3540



Tritanopia

51.7396, 0.3324, 0.3127

Trichromacy



Original Color

51.9083, 0.3548, 0.3568

Protanomaly

52.0547, 0.3462, 0.3598

Deuteranomaly

52.0940, 0.3586, 0.3553

Tritanomaly

51.8848, 0.3412, 0.3291

Monochromacy



Original Color

51.9083, 0.3548, 0.3568

Achromatopsia

52.0996, 0.3127, 0.3290

Achromatomaly

51.8735, 0.3273, 0.3389

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.9083, 0.3548, 0.3568 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(213, 186, 163)` looks like.

```
.text, #text, p{  
    color:rgb(213, 186, 163)  
}
```

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(213, 186, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 186, 163) }
```

Border

The CSS property to change the border of an element to Yxy 51.9083, 0.3548, 0.3568 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(213, 186, 163) }
```

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

```
.border{ border-color:rgb(213, 186, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 186, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 186, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 186, 163);  
box-shadow:4px 4px 4px 4px rgb(213, 186,  
163) }
```


Background

The CSS property to change the background color of an element to Yxy 51.9083, 0.3548, 0.3568 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 186, 163) }
```

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

```
.background{ background-color: rgb(213,  
186, 163) }
```

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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