

Converting Colors

$Y_{xy}(50.0127, 0.3675, 0.3575)$

Have a look what the booklet for
Yxy(50.0127, 0.3675, 0.3575)
contains.

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Color

Yxy(50.1029, 0.3680, 0.3578)

Conversions

Conversions Part 1

Format	Color
Hex	DBB49C
RGB	219, 180, 156
RGB Percent	86%, 71%, 61%
CMY	0.1412, 0.2941, 0.3883
CMYK	0.00, 0.18, 0.29, 0.14
HSL	23°, 47%, 74%
HSV	23°, 29%, 86%
XYZ	51.5312, 50.1029, 38.3964
YIQ	188.9250, 30.9480, 0.8040

Conversions

Conversions Part 2

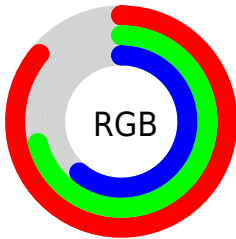
Format	Color
R _Y B	219, 195, 156
Decimal	14398620
CIE Lab	76.13, 10.58, 17.55
CIE LCh	76, 20.494, 58.907
Yxy	50.1029, 0.3680, 0.3578
Android (android.graphics.Color)	4292588700 (0xFFDDBB49C)
YUV	188.9250, -16.2320, 26.3758
Hunter-Lab	70.7834, 6.0793, 17.3866

Details

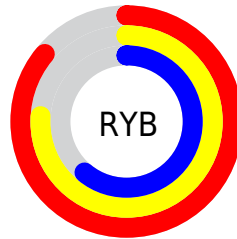
The Yxy color **50.1029, 0.3680, 0.3578** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **51.1889, 0.2680, 0.2982**, and the grayscale version is **50.9249, 0.3127, 0.3290**.

A 20% lighter version of the original color is **85.9541, 0.3418, 0.3540**, and **23.9852, 0.3831, 0.3640** is the 20% darker color. If you saturate the color by 10%, you get **44.2240, 0.3934, 0.3682**, and if you desaturate by 10%, it is **56.6547, 0.3460, 0.3474**.

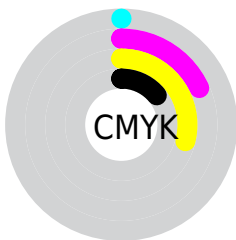
Distribution



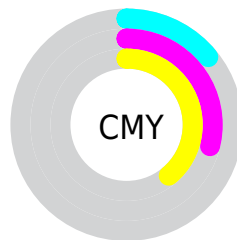
- Red (86%)
- Green (71%)
- Blue (61%)



- Red (86%)
- Yellow (76%)
- Blue (61%)



- Cyan (0%)
- Magenta (18%)
- Yellow (29%)
- Black (14%)





- Cyan (14%)
- Magenta (29%)
- Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 50.1029, 0.3680, 0.3578 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 50.1029, 0.3680, 0.3578 by changing the saturation by 10% instead.


 50.1029, 0.3680,
0.3578

 50.1029, 0.3680,
0.3578


387.0682, 0.3405,
0.3441

 35.4952, 0.3748,
0.3610


 90.3273, 0.3581,
0.3530

 24.0446, 0.3834,
0.3649


 116.7128, 0.3543,
0.3512

 15.3667, 0.3948,
0.3698


147.7930, 0.3511,
0.3496

 9.0771, 0.4104,
0.3761

183.9522, 0.3484,
0.3482

 4.7915, 0.4330,
0.3844

225.5750, 0.3460,
0.3470

 2.1255, 0.4698,
0.3963

273.0457, 0.3440,

 0.6789, 0.5714,

0.3459

0.4286

326.7486, 0.3421,
0.3450

0.0000, 0.0000,
0.0000

50.1029, 0.3680,
0.3578

50.1029, 0.3680,
0.3578

44.2240, 0.3934,
0.3682

56.6547, 0.3460,
0.3474

38.9886, 0.4220,
0.3781

63.8938, 0.3270,
0.3373

34.3752, 0.4536,
0.3864

71.8427, 0.3109,
0.3279

30.3583, 0.4867,
0.3919

80.5209, 0.2971,
0.3191

26.9103, 0.5195,
0.3934

89.2540, 0.2909,
0.3215

■ 24.0007, 0.5493,
0.3898

■ 93.7983, 0.2911,
0.3289

■ 21.5914, 0.5739,
0.3814

■ 21.3264, 0.5767,
0.3803

Harmonies

Analogous

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



50.1029, 0.3638, 0.3353



50.1029, 0.3680, 0.3578



50.1029, 0.3567, 0.3741

Triad

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



50.1029, 0.3680, 0.3578



50.1029, 0.2804, 0.3458



50.1029, 0.2904, 0.2837

Complementary

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



50.1029, 0.3680, 0.3578



51.1889, 0.2680, 0.2982

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.



50.1029, 0.2696, 0.2845



50.1029, 0.3680, 0.3578



50.1029, 0.2641, 0.3192

Square

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



50.1029, 0.3680, 0.3578



50.1029, 0.3057, 0.3683



50.1029, 0.2603, 0.2970



50.1029, 0.3180, 0.2938

Rectangle

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



50.1029, 0.3680, 0.3578



50.1029, 0.3422, 0.3787



50.1029, 0.2603, 0.2970



50.1029, 0.2824, 0.2827

Sweetspot

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



50.1052, 0.3680, 0.3578



89.8837, 0.3276, 0.3376



42.8077, 0.3368, 0.2824



18.9055, 0.3302, 0.3391



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.



50.1052, 0.3680, 0.3578



65.2169, 0.3842, 0.3647



63.8415, 0.3584, 0.3918



13.8616, 0.3282, 0.3380



12.8429, 0.5740, 0.3824



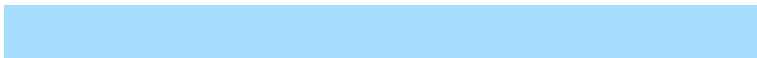
0.9954, 0.5436, 0.4066

Inverse Universe

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



51.1889, 0.2680, 0.2982



66.9900, 0.2579, 0.2901



38.8660, 0.2636, 0.2572



13.9518, 0.2982, 0.3199



13.6020, 0.1888, 0.1996



1.0457, 0.1953, 0.2230

Previews

White Background



This preview shows how the Yxy color 50.1029, 0.3680, 0.3578 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 50.1029, 0.3680, 0.3578 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

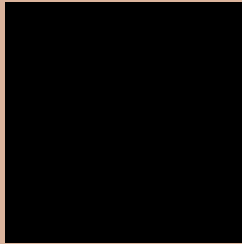
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 50.1029, 0.3680, 0.3578

Background



This preview shows how black text looks on a background with the Yxy color 50.1029, 0.3680, 0.3578.



This preview shows how white text looks on a background with the Yxy color 50.1029, 0.3680, 0.3578.

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

50.1029, 0.3680, 0.3578

Protanopia

50.0845, 0.3437, 0.3632

Deuteranopia

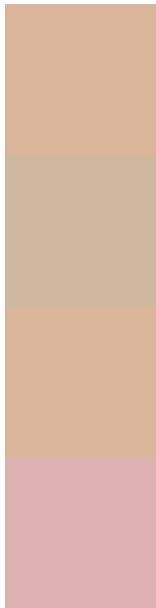
50.1998, 0.3658, 0.3591



Tritanopia

50.0220, 0.3437, 0.3129

Trichromacy



Original Color

50.1029, 0.3680, 0.3578

Protanomaly

49.9060, 0.3524, 0.3600

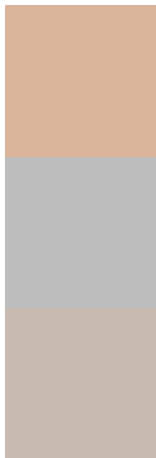
Deuteranomaly

50.3535, 0.3668, 0.3590

Tritanomaly

50.1482, 0.3530, 0.3291

Monochromacy



Original Color

50.1029, 0.3680, 0.3578

Achromatopsia

50.8881, 0.3127, 0.3290

Achromatomaly

50.5715, 0.3318, 0.3402

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.1029, 0.3680, 0.3578 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(219, 180, 156)` looks like.

```
.text, #text, p{  
    color:rgb(219, 180, 156)  
}
```

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(219, 180, 156) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 180, 156) }
```

Border

The CSS property to change the border of an element to Yxy 50.1029, 0.3680, 0.3578 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(219, 180, 156) }
```

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

```
.border{ border-color:rgb(219, 180, 156) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 180, 156)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 180, 156); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 180, 156);  
box-shadow:4px 4px 4px 4px rgb(219, 180,  
156) }
```


Background

The CSS property to change the background color of an element to Yxy 50.1029, 0.3680, 0.3578 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 180, 156) }
```

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

```
.background{ background-color: rgb(219,  
180, 156) }
```

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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