

Converting Colors

Yxy(56.1629, 0.3751, 0.3933)

Have a look what the booklet for
Yxy(56.1629, 0.3751, 0.3933)
contains.

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Color

Yxy(56.0134, 0.3751, 0.3924)

Conversions

Conversions Part 1

Format	Color
Hex	DBC38D
RGB	219, 195, 141
RGB Percent	86%, 76%, 55%
CMY	0.1410, 0.2353, 0.4471
CMYK	0.00, 0.11, 0.36, 0.14
HSL	42°, 52%, 71%
HSV	42°, 36%, 86%
XYZ	53.5439, 56.0134, 33.1884
YIQ	196.0200, 31.6380, -11.7060

Conversions

Conversions Part 2

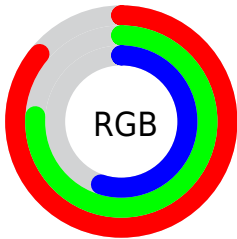
Format	Color
R _{YB}	176, 219, 141
Decimal	14402445
CIE _{Lab}	79.62, 0.79, 30.27
CIE _{LCh}	80, 30.277, 88.514
Y _{xy}	56.0134, 0.3751, 0.3924
Android (android.graphics.Color)	4292592525 (0xFFDBC38D)
Y _{UV}	196.0200, -27.1249, 20.1535
Hunter-Lab	74.8421, -3.2703, 26.0976

Details

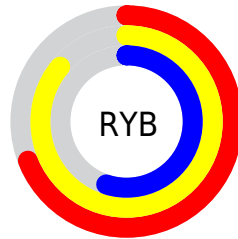
The Yxy color **56.0134, 0.3751, 0.3924** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **37.7042, 0.2528, 0.2560**, and the grayscale version is **55.3696, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.1945, 0.3492, 0.3843**, and **27.5745, 0.3914, 0.4076** is the 20% darker color. If you saturate the color by 10%, you get **52.4712, 0.3952, 0.4099**, and if you desaturate by 10%, it is **59.8264, 0.3558, 0.3742**.

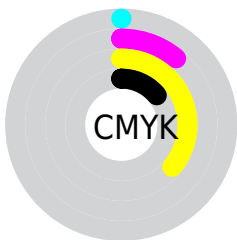
Distribution



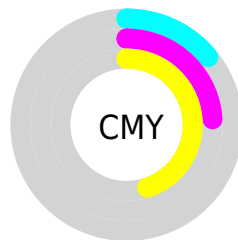
- Red (86%)
- Green (76%)
- Blue (55%)



- Red (69%)
- Yellow (86%)
- Blue (55%)



- Cyan (0%)
- Magenta (11%)
- Yellow (36%)
- Black (14%)





- Cyan (14%)
- Magenta (24%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.0134, 0.3751, 0.3924 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 56.0134, 0.3751, 0.3924 by changing the saturation by 10% instead.


 56.0134, 0.3751,
0.3924

 56.0134, 0.3751,
0.3924


409.7420, 0.3452,
0.3621


 40.2137, 0.3821,
0.3994


 99.0242, 0.3646,
0.3818

 27.7052, 0.3907,
0.4081


 127.0040, 0.3605,
0.3777

 18.1035, 0.4016,
0.4191


 159.8126, 0.3571,
0.3742

 11.0243, 0.4157,
0.4331

197.8345, 0.3540,
0.3711

 6.0832, 0.4342,
0.4514

241.4540, 0.3514,
0.3684

 2.8957, 0.4705,
0.4875

291.0555, 0.3491,

 1.0775, 0.4926,

0.3661

0.5074

347.0233, 0.3470,
0.3640

0.0000, 0.0000,
0.0000

56.0134, 0.3751,
0.3924

56.0134, 0.3751,
0.3924

52.4712, 0.3952,
0.4099

59.8264, 0.3558,
0.3742

49.1827, 0.4157,
0.4258

63.9111, 0.3378,
0.3561

46.1400, 0.4355,
0.4389


68.2784, 0.3213,
0.3385

43.3319, 0.4539,
0.4482


72.9362, 0.3064,
0.3218

40.7454, 0.4697,
0.4528

77.8916, 0.2929,
0.3062


 38.3649, 0.4825,
0.4524

 81.9785, 0.2905,
0.3088

 37.3775, 0.4874,
0.4512

 85.9267, 0.2907,
0.3159

 90.0233, 0.2910,
0.3228

 93.8054, 0.2912,
0.3289

Harmonies

Analogous

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



56.0134, 0.3916, 0.3680



56.0134, 0.3751, 0.3924



56.0134, 0.3421, 0.4006

Triad

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



56.0134, 0.3751, 0.3924



56.0134, 0.2447, 0.3146



56.0134, 0.3191, 0.2798

Complementary

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



56.0134, 0.3751, 0.3924



37.7042, 0.2528, 0.2560

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.



56.0134, 0.2804, 0.2660



56.0134, 0.3751, 0.3924



56.0134, 0.2394, 0.2833

Square

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



56.0134, 0.3751, 0.3924



56.0134, 0.2672, 0.3534



56.0134, 0.2520, 0.2666



56.0134, 0.3584, 0.3049

Rectangle

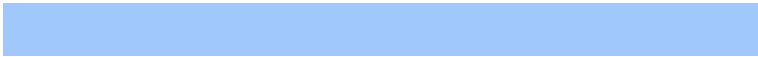
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



56.0134, 0.3751, 0.3924



56.0134, 0.3158, 0.3937



56.0134, 0.2520, 0.2666



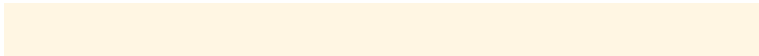
56.0134, 0.3056, 0.2738

Sweetspot

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



56.0160, 0.3751, 0.3924



92.9330, 0.3302, 0.3480



36.8579, 0.3704, 0.2994



19.7125, 0.3325, 0.3504



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.



56.0160, 0.3751, 0.3924



75.1437, 0.3906, 0.4061



65.5447, 0.3548, 0.4209



14.5516, 0.3274, 0.3451



22.3577, 0.4861, 0.4522



1.5986, 0.4727, 0.4629

Inverse Universe

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



37.7042, 0.2528, 0.2560



45.5643, 0.2386, 0.2367



31.1652, 0.2597, 0.2255



13.2683, 0.2981, 0.3124



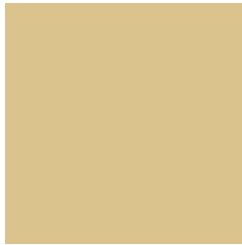
5.6174, 0.1618, 0.1024



0.5143, 0.1709, 0.1352

Previews

White Background



This preview shows how the Yxy color 56.0134, 0.3751, 0.3924 looks on a white background.

Color Contrast Check

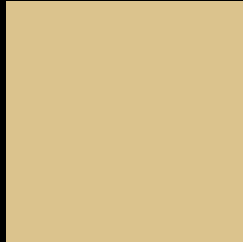
Large Text (above 18pt) WCAG AA × Fail

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 56.0134, 0.3751, 0.3924 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

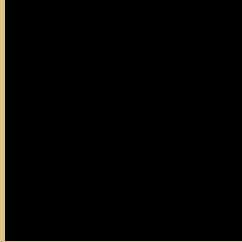
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 56.0134, 0.3751, 0.3924

Background



This preview shows how black text looks on a background with the Yxy color 56.0134, 0.3751, 0.3924.



This preview shows how white text looks on a background with the Yxy color 56.0134, 0.3751, 0.3924.

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

56.0134, 0.3751, 0.3924

Protanopia

55.8825, 0.3674, 0.3949

Deuteranopia

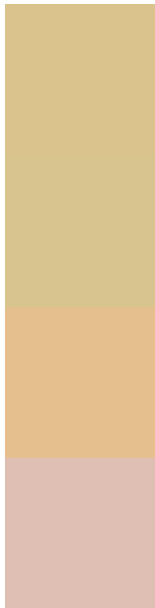
55.8406, 0.3899, 0.3819



Tritanopia

55.9737, 0.3335, 0.3122

Trichromacy



Original Color

56.0134, 0.3751, 0.3924

Protanomaly

55.8799, 0.3704, 0.3932

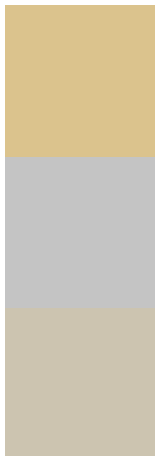
Deuteranomaly

55.8726, 0.3847, 0.3850

Tritanomaly

55.8102, 0.3484, 0.3406

Monochromacy



Original Color

56.0134, 0.3751, 0.3924

Achromatopsia

55.2011, 0.3127, 0.3290

Achromatomaly

55.4518, 0.3344, 0.3533

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.0134, 0.3751, 0.3924 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, 195, 141)` looks like.

```
.text, #text, p{  
    color:rgb(219, 195, 141)  
}
```

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, 195, 141) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 195, 141) }
```

Border

The CSS property to change the border of an element to Yxy 56.0134, 0.3751, 0.3924 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, 195, 141) }
```

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

```
.border{ border-color:rgb(219, 195, 141) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 195, 141)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 195, 141); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 195, 141);  
box-shadow:4px 4px 4px 4px rgb(219, 195,  
141) }
```


Background

The CSS property to change the background color of an element to Yxy 56.0134, 0.3751, 0.3924 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 195, 141) }
```

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

```
.background{ background-color: rgb(219,  
195, 141) }
```

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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