

Converting Colors

$Yxy(52.4203, 0.3862, 0.3889)$

Have a look what the booklet for
Yxy(52.4203, 0.3862, 0.3889)
contains.

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Color

Yxy(52.3967, 0.3863, 0.3889)

Conversions

Conversions Part 1

Format	Color
Hex	DEBA87
RGB	222, 186, 135
RGB Percent	87%, 73%, 53%
CMY	0.1296, 0.2705, 0.4706
CMYK	0.00, 0.16, 0.39, 0.13
HSL	35°, 57%, 70%
HSV	35°, 39%, 87%
XYZ	52.0464, 52.3967, 30.2874
YIQ	190.9500, 37.8270, -8.2290

Conversions

Conversions Part 2

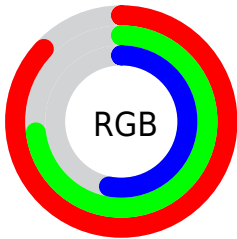
Format	Color
R _Y B	196, 222, 135
Decimal	14596743
CIE Lab	77.52, 5.97, 30.68
CIE LCh	78, 31.256, 78.992
Yxy	52.3967, 0.3863, 0.3889
Android (android.graphics.Color)	4292786823 (0xFFDEBA87)
YUV	190.9500, -27.5833, 27.2309
Hunter-Lab	72.3856, 1.6697, 25.8619

Details

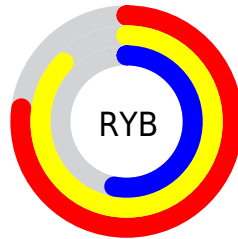
The Yxy color **52.3967, 0.3863, 0.3889** is a light color, and the websafe version is hex **FFCC99**. A complement of this color would be **39.5200, 0.2482, 0.2601**, and the grayscale version is **52.2152, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.4384, 0.3550, 0.3820**, and **25.4303, 0.4046, 0.4028** is the 20% darker color. If you saturate the color by 10%, you get **48.0959, 0.4094, 0.4037**, and if you desaturate by 10%, it is **57.0809, 0.3647, 0.3733**.

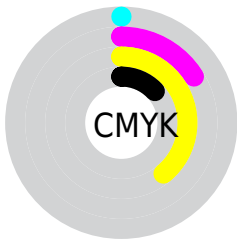
Distribution



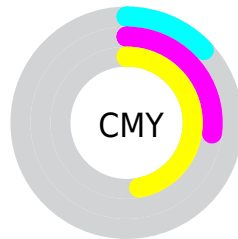
- Red (87%)
- Green (73%)
- Blue (53%)



- Red (77%)
- Yellow (87%)
- Blue (53%)



- Cyan (0%)
- Magenta (16%)
- Yellow (39%)
- Black (13%)




- Cyan (13%)
- Magenta (27%)
- Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.3967, 0.3863, 0.3889 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 52.3967, 0.3863, 0.3889 by changing the saturation by 10% instead.


 52.3967, 0.3863,
0.3889

 52.3967, 0.3863,
0.3889


395.9662, 0.3505,
0.3605


 37.3214, 0.3948,
0.3954


 93.7160, 0.3736,
0.3790

 25.4564, 0.4054,
0.4033


 120.7288, 0.3687,
0.3752

 16.4174, 0.4190,
0.4132


 152.4895, 0.3645,
0.3718

 9.8200, 0.4367,
0.4255

189.3826, 0.3609,
0.3690

 5.2798, 0.4602,
0.4407

231.7924, 0.3578,
0.3665

 2.4123, 0.5177,
0.4823

280.1034, 0.3551,

 0.8322, 0.5305,

0.3642

0.4695

334.6998, 0.3526,
0.3623

0.0000, 0.0000,
0.0000

52.3967, 0.3863,
0.3889

52.3967, 0.3863,
0.3889

48.0959, 0.4094,
0.4037

57.0809, 0.3647,
0.3733

44.1582, 0.4333,
0.4166

62.1529, 0.3450,
0.3576

40.5723, 0.4571,
0.4265

67.6266, 0.3273,
0.3423


37.3230, 0.4795,
0.4322


73.5126, 0.3115,
0.3279


34.3930, 0.4992,
0.4327


79.8212, 0.2975,
0.3143

 31.7574, 0.5156,
0.4282

 85.6849, 0.2925,
0.3147

 31.5529, 0.5169,
0.4278

 91.2539, 0.2927,
0.3241

 94.2632, 0.2929,
0.3289

Harmonies

Analogous

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



52.3967, 0.3967, 0.3596



52.3967, 0.3863, 0.3889



52.3967, 0.3559, 0.4043

Triad

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



52.3967, 0.3863, 0.3889



52.3967, 0.2468, 0.3263



52.3967, 0.3058, 0.2712

Complementary

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



52.3967, 0.3863, 0.3889



39.5200, 0.2482, 0.2601

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.



52.3967, 0.2676, 0.2612



52.3967, 0.3863, 0.3889



52.3967, 0.2354, 0.2896

Square

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



52.3967, 0.3863, 0.3889



52.3967, 0.2754, 0.3674



52.3967, 0.2427, 0.2670



52.3967, 0.3485, 0.2942

Rectangle

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



52.3967, 0.3863, 0.3889



52.3967, 0.3292, 0.4024



52.3967, 0.2427, 0.2670



52.3967, 0.2920, 0.2663

Sweetspot

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



52.3992, 0.3863, 0.3889



90.3796, 0.3322, 0.3467



35.7971, 0.3690, 0.2862



19.1315, 0.3345, 0.3487



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.



52.3992, 0.3863, 0.3889



66.9041, 0.4051, 0.4011



68.3736, 0.3655, 0.4278



15.0304, 0.3277, 0.3427



18.9734, 0.5151, 0.4292



1.4904, 0.4963, 0.4441

Inverse Universe

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



39.5200, 0.2482, 0.2601



46.9451, 0.2343, 0.2425



28.3684, 0.2461, 0.2114



14.1690, 0.2981, 0.3149



7.8591, 0.1697, 0.1308



0.7182, 0.1781, 0.1613

Previews

White Background



This preview shows how the Yxy color 52.3967, 0.3863, 0.3889 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 52.3967, 0.3863, 0.3889 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

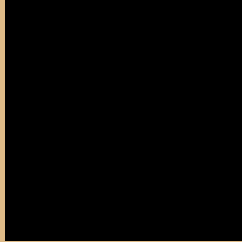
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 52.3967, 0.3863, 0.3889

Background



This preview shows how black text looks on a background with the Yxy color 52.3967, 0.3863, 0.3889.



This preview shows how white text looks on a background with the Yxy color 52.3967, 0.3863, 0.3889.

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

52.3967, 0.3863, 0.3889

Protanopia

52.6272, 0.3679, 0.3966

Deuteranopia

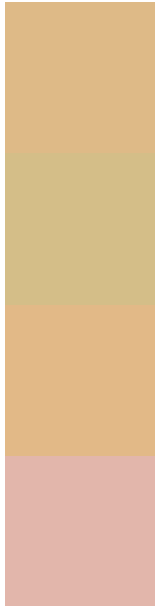
52.5242, 0.3927, 0.3854



Tritanopia

52.5400, 0.3448, 0.3143

Trichromacy



Original Color

52.3967, 0.3863, 0.3889

Protanomaly

52.6015, 0.3748, 0.3943

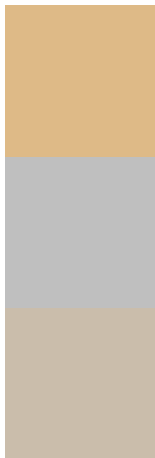
Deuteranomaly

52.6159, 0.3904, 0.3869

Tritanomaly

52.5649, 0.3606, 0.3419

Monochromacy



Original Color

52.3967, 0.3863, 0.3889

Achromatopsia

52.0996, 0.3127, 0.3290

Achromatomaly

51.8920, 0.3379, 0.3513

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.3967, 0.3863, 0.3889 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(222, 186, 135)` looks like.

```
.text, #text, p{  
    color:rgb(222, 186, 135)  
}
```

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(222, 186, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(222, 186, 135) }
```

Border

The CSS property to change the border of an element to Yxy 52.3967, 0.3863, 0.3889 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(222, 186, 135) }
```

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

```
.border{ border-color:rgb(222, 186, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(222, 186, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(222, 186, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(222, 186, 135);  
box-shadow:4px 4px 4px 4px rgb(222, 186,  
135) }
```


Background

The CSS property to change the background color of an element to Yxy 52.3967, 0.3863, 0.3889 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(222, 186, 135) }
```

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

```
.background{ background-color: rgb(222,  
186, 135) }
```

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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