

Converting Colors

$Yxy(43.1676, 0.3943, 0.3633)$

Have a look what the booklet for
Yxy(43.1676, 0.3943, 0.3633)
contains.

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Color

Yxy(43.0037, 0.3941, 0.3631)

Conversions

Conversions Part 1

Format	Color
Hex	DBA387
RGB	219, 163, 135
RGB Percent	86%, 64%, 53%
CMY	0.1413, 0.3607, 0.4706
CMYK	0.00, 0.26, 0.38, 0.14
HSL	20°, 54%, 69%
HSV	20°, 38%, 86%
XYZ	46.6752, 43.0037, 28.7560
YIQ	176.5520, 42.3640, 3.1640

Conversions

Conversions Part 2

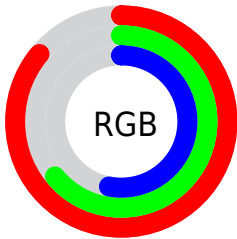
Format	Color
R_{YB}	219, 177, 135
Decimal	14394247
CIE _{Lab}	71.56, 17.07, 22.64
CIE _{LCh}	72, 28.358, 52.986
Yxy	43.0037, 0.3941, 0.3631
Android (android.graphics.Color)	4292584327 (0xFFDBA387)
YUV	176.5520, -20.4851, 37.2269
Hunter-Lab	65.5772, 12.2889, 19.9050

Details

The Yxy color **43.0037, 0.3941, 0.3631** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **47.4927, 0.2541, 0.2916**, and the grayscale version is **43.8117, 0.3127, 0.3290**.

A 20% lighter version of the original color is **75.0336, 0.3616, 0.3599**, and **19.7061, 0.4181, 0.3707** is the 20% darker color. If you saturate the color by 10%, you get **37.5657, 0.4240, 0.3717**, and if you desaturate by 10%, it is **49.1701, 0.3680, 0.3539**.

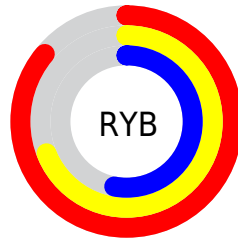
Distribution



Red (86%)

Green (64%)

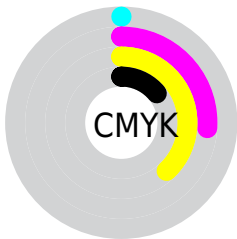
Blue (53%)



Red (86%)

Yellow (69%)

Blue (53%)

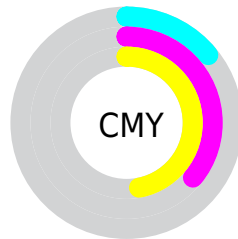


Cyan (0%)

Magenta (26%)

Yellow (38%)

Black (14%)



Cyan (14%)


Magenta (36%)

Yellow (47%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.0037, 0.3941, 0.3631 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 43.0037, 0.3941, 0.3631 by changing the saturation by 10% instead.


 43.0037, 0.3941,
0.3631


 43.0037, 0.3941,
0.3631


358.6270, 0.3526,
0.3472


 29.8880, 0.4046,
0.3666


 79.7164, 0.3789,
0.3576

 19.7536, 0.4181,
0.3708


 104.0823, 0.3732,
0.3555

 12.2161, 0.4361,
0.3758


 132.9670, 0.3684,
0.3536

 6.8910, 0.4610,
0.3815

166.7549, 0.3643,
0.3520

 3.3940, 0.4970,
0.3871

205.8305, 0.3608,
0.3506

 1.3407, 0.5871,
0.4129

250.5781, 0.3577,

 0.1724, 0.7710,

0.3493

0.2290

301.3821, 0.3550,
0.3482

0.0000, 0.0000,
0.0000

43.0037, 0.3941,
0.3631

43.0037, 0.3941,
0.3631

37.5657, 0.4240,
0.3717

49.1701, 0.3680,
0.3539

32.8219, 0.4572,
0.3789

56.0852, 0.3455,
0.3447

28.7444, 0.4926,
0.3836

63.7761, 0.3264,
0.3359

25.3006, 0.5278,
0.3843

72.2664, 0.3102,
0.3277

22.4547, 0.5597,
0.3803

81.5791, 0.2965,
0.3201

■ 20.1634, 0.5856,
0.3716

■ 90.9821, 0.2910,
0.3244

■ 19.8333, 0.5895,
0.3701

■ 93.7948, 0.2911,
0.3289

Harmonies

Analogous

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



43.0037, 0.3836, 0.3302



43.0037, 0.3941, 0.3631



43.0037, 0.3811, 0.3901

Triad

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



43.0037, 0.3941, 0.3631



43.0037, 0.2721, 0.3612



43.0037, 0.2733, 0.2636

Complementary

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



43.0037, 0.3941, 0.3631



47.4927, 0.2541, 0.2916

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.



43.0037, 0.2470, 0.2672



43.0037, 0.3941, 0.3631



43.0037, 0.2462, 0.3212

Square

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



43.0037, 0.3941, 0.3631



43.0037, 0.3097, 0.3923



43.0037, 0.2375, 0.2871



43.0037, 0.3115, 0.2752

Rectangle

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



43.0037, 0.3941, 0.3631



43.0037, 0.3617, 0.4005



43.0037, 0.2375, 0.2871



43.0037, 0.2628, 0.2630

Sweetspot

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



43.0058, 0.3941, 0.3631



85.8605, 0.3332, 0.3392



36.1388, 0.3446, 0.2635



18.0696, 0.3357, 0.3403



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.



43.0058, 0.3941, 0.3631



54.4756, 0.4179, 0.3701



60.4513, 0.3755, 0.4098



13.7583, 0.3283, 0.3369



11.9449, 0.5868, 0.3723



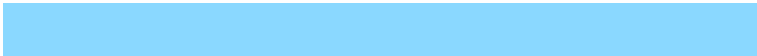
0.9294, 0.5550, 0.3975

Inverse Universe

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



47.4927, 0.2541, 0.2916



61.6271, 0.2427, 0.2823



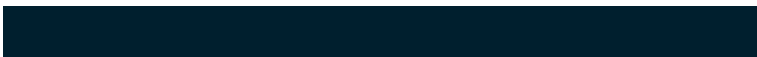
31.7513, 0.2453, 0.2324



14.0590, 0.2982, 0.3210



15.4108, 0.1935, 0.2165



1.1545, 0.1992, 0.2370

Previews

White Background



This preview shows how the Yxy color 43.0037, 0.3941, 0.3631 looks on a white background.

Color Contrast Check

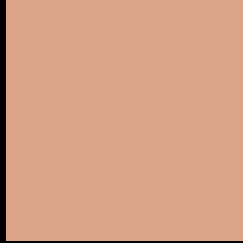
Large Text (above 18pt) WCAG AA × Fail

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 43.0037, 0.3941, 0.3631 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

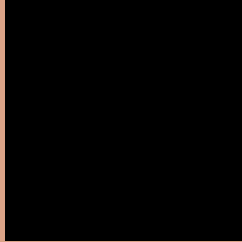
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.0037, 0.3941, 0.3631

Background



This preview shows how black text looks on a background with the Yxy color 43.0037, 0.3941, 0.3631.



This preview shows how white text looks on a background with the Yxy color 43.0037, 0.3941, 0.3631.

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

43.0037, 0.3941, 0.3631

Protanopia

43.0221, 0.3519, 0.3748

Deuteranopia

42.8483, 0.3801, 0.3722



Tritanopia

42.8856, 0.3643, 0.3149

Trichromacy



Original Color

43.0037, 0.3941, 0.3631

Protanomaly

42.9957, 0.3665, 0.3707

Deuteranomaly

42.8426, 0.3859, 0.3690

Tritanomaly

42.9481, 0.3756, 0.3328

Monochromacy



Original Color

43.0037, 0.3941, 0.3631

Achromatopsia

43.9657, 0.3127, 0.3290

Achromatomaly

43.3202, 0.3397, 0.3422

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.0037, 0.3941, 0.3631 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, 163, 135)` looks like.

```
.text, #text, p{  
    color:rgb(219, 163, 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(219, 163, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 163, 135) }
```

Border

The CSS property to change the border of an element to Yxy 43.0037, 0.3941, 0.3631 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, 163, 135) }
```

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

```
.border{ border-color:rgb(219, 163, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 163, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 163, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 163, 135);  
box-shadow:4px 4px 4px 4px rgb(219, 163,  
135) }
```


Background

The CSS property to change the background color of an element to Yxy 43.0037, 0.3941, 0.3631 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 163, 135) }
```

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

```
.background{ background-color: rgb(219,  
163, 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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