

Converting Colors

$Yxy(43.2986, 0.4049, 0.3953)$

Have a look what the booklet for
Yxy(43.2986, 0.4049, 0.3953)
contains.

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Color

Yxy(43.3663, 0.4051, 0.3950)

Conversions

Conversions Part 1

Format	Color
Hex	D5A872
RGB	213, 168, 114
RGB Percent	84%, 66%, 45%
CMY	0.1648, 0.3411, 0.5529
CMYK	0.00, 0.21, 0.46, 0.16
HSL	33°, 54%, 64%
HSV	33°, 46%, 84%
XYZ	44.4752, 43.3663, 21.9466
YIQ	175.2990, 44.1540, -7.2540

Conversions

Conversions Part 2

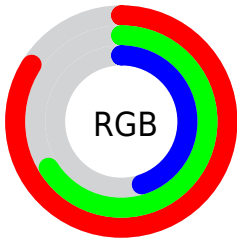
Format	Color
RYB	197, 213, 114
Decimal	14002290
CIELab	71.80, 9.72, 34.12
CIELCh	72, 35.476, 74.105
Yxy	43.3663, 0.4051, 0.3950
Android (android.graphics.Color)	4292192370 (0xFFD5A872)
YUV	175.2990, -30.2204, 33.0638
Hunter-Lab	65.8531, 5.3105, 26.3378

Details

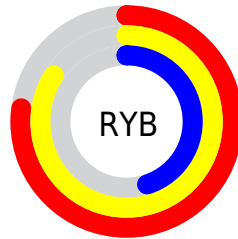
The Yxy color **43.3663, 0.4051, 0.3950** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **33.1640, 0.2371, 0.2509**, and the grayscale version is **43.1756, 0.3127, 0.3290**.

A 20% lighter version of the original color is **76.8254, 0.3751, 0.3863**, and **19.9404, 0.4303, 0.4103** is the 20% darker color. If you saturate the color by 10%, you get **39.4977, 0.4302, 0.4076**, and if you desaturate by 10%, it is **47.6178, 0.3814, 0.3809**.

Distribution



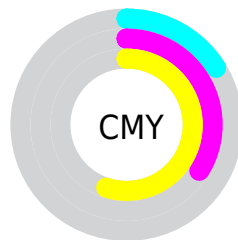
- Red (84%)
- Green (66%)
- Blue (45%)



- Red (77%)
- Yellow (84%)
- Blue (45%)



- Cyan (0%)
- Magenta (21%)
- Yellow (46%)
- Black (16%)





- Cyan (16%)
- Magenta (34%)
- Yellow (55%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.3663, 0.4051, 0.3950 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 43.3663, 0.4051, 0.3950 by changing the saturation by 10% instead.


 43.3663, 0.4051,
0.3950


 43.3663, 0.4051,
0.3950


360.1160, 0.3588,
0.3635

 30.1726, 0.4164,
0.4021


 80.2633, 0.3884,
0.3840

 19.9697, 0.4306,
0.4107


 104.7355, 0.3821,
0.3798

 12.3730, 0.4487,
0.4209


 133.7359, 0.3767,
0.3761

 6.9982, 0.4724,
0.4328

 167.6490, 0.3721,
0.3729

 3.4610, 0.5138,
0.4543

206.8592, 0.3681,
0.3701

 1.3769, 0.5456,
0.4544

251.7508, 0.3646,

 0.1996, 0.6814,

0.3676

0.3186

302.7083, 0.3615,
0.3654

0.0000, 0.0000,
0.0000

43.3663, 0.4051,
0.3950

43.3663, 0.4051,
0.3950

39.4977, 0.4302,
0.4076

47.6178, 0.3814,
0.3809

35.9920, 0.4558,
0.4176

52.2587, 0.3597,
0.3662

32.8364, 0.4806,
0.4238

57.3031, 0.3402,
0.3517

30.0142, 0.5033,
0.4250

62.7623, 0.3228,
0.3377

27.5058, 0.5223,
0.4207

68.6471, 0.3075,
0.3244

■ 26.6857, 0.5286,
0.4185

■ 74.9679, 0.2941,
0.3121

■ 81.2028, 0.2868,
0.3089

■ 86.9175, 0.2873,
0.3190

■ 92.8823, 0.2877,
0.3289

Harmonies

Analogous

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



43.3663, 0.4136, 0.3579



43.3663, 0.4051, 0.3950



43.3663, 0.3712, 0.4186

Triad

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



43.3663, 0.4051, 0.3950



43.3663, 0.2380, 0.3333



43.3663, 0.2957, 0.2574

Complementary

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



43.3663, 0.4051, 0.3950



33.1640, 0.2371, 0.2509

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.



43.3663, 0.2524, 0.2481



43.3663, 0.4051, 0.3950



43.3663, 0.2213, 0.2870

Square

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



43.3663, 0.4051, 0.3950



43.3663, 0.2745, 0.3834



43.3663, 0.2264, 0.2576



43.3663, 0.3475, 0.2822

Rectangle

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



43.3663, 0.4051, 0.3950



43.3663, 0.3399, 0.4205



43.3663, 0.2264, 0.2576



43.3663, 0.2797, 0.2524

Sweetspot

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



43.3684, 0.4051, 0.3950



87.9961, 0.3360, 0.3484



28.7226, 0.3780, 0.2727



18.4630, 0.3399, 0.3515



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.



43.3684, 0.4051, 0.3950



59.3179, 0.4304, 0.4078



62.4448, 0.3783, 0.4431



13.5327, 0.3278, 0.3417



16.5118, 0.5266, 0.4201



1.1604, 0.5031, 0.4387

Inverse Universe

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



33.1640, 0.2371, 0.2509



42.1495, 0.2210, 0.2300



20.6412, 0.2276, 0.1849



12.9286, 0.2982, 0.3159



8.3283, 0.1733, 0.1439



0.6665, 0.1825, 0.1770

Previews

White Background



This preview shows how the Yxy color 43.3663, 0.4051, 0.3950 looks on a white background.

Color Contrast Check

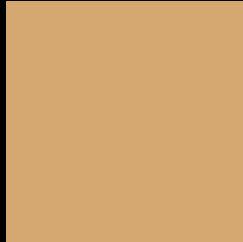
Large Text (above 18pt) WCAG AA × Fail

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 43.3663, 0.4051, 0.3950 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 43.3663, 0.4051, 0.3950

Background



This preview shows how black text looks on a background with the Yxy color 43.3663, 0.4051, 0.3950.



This preview shows how white text looks on a background with the Yxy color 43.3663, 0.4051, 0.3950.

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

43.3663, 0.4051, 0.3950

Protanopia

43.4114, 0.3769, 0.4068

Deuteranopia

43.2172, 0.4042, 0.3953



Tritanopia

43.4123, 0.3567, 0.3147

Trichromacy



Original Color

43.3663, 0.4051, 0.3950

Protanomaly

43.2902, 0.3870, 0.4022

Deuteranomaly

43.2172, 0.4042, 0.3953

Tritanomaly

43.4168, 0.3743, 0.3438

Monochromacy



Original Color

43.3663, 0.4051, 0.3950

Achromatopsia

42.8690, 0.3127, 0.3290

Achromatomaly

42.6238, 0.3449, 0.3543

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.3663, 0.4051, 0.3950 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, 168, 114)` looks like.

```
.text, #text, p{  
    color:rgb(213, 168, 114)  
}
```

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, 168, 114) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(213, 168, 114) }
```

Border

The CSS property to change the border of an element to Yxy 43.3663, 0.4051, 0.3950 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, 168, 114) }
```

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

```
.border{ border-color:rgb(213, 168, 114) }
```

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

Here you see how a box with a 4 pixel `rgb(213, 168, 114)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(213, 168, 114); -webkit-box-  
shadow:4px 4px 4px 4px rgb(213, 168, 114);  
box-shadow:4px 4px 4px 4px rgb(213, 168,  
114) }
```


Background

The CSS property to change the background color of an element to Yxy 43.3663, 0.4051, 0.3950 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(213, 168, 114) }
```

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

```
.background{ background-color: rgb(213,  
168, 114) }
```

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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