

Converting Colors

$Yxy(43.0829, 0.3968, 0.3692)$

Have a look what the booklet for
Yxy(43.0829, 0.3968, 0.3692)
contains.

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Color

Yxy(43.0950, 0.3965, 0.3692)

Conversions

Conversions Part 1

Format	Color
Hex	DAA483
RGB	218, 164, 131
RGB Percent	85%, 64%, 51%
CMY	0.1452, 0.3568, 0.4863
CMYK	0.00, 0.25, 0.40, 0.15
HSL	23°, 54%, 68%
HSV	23°, 40%, 85%
XYZ	46.2816, 43.0950, 27.3487
YIQ	176.3840, 42.7770, 1.1850

Conversions

Conversions Part 2

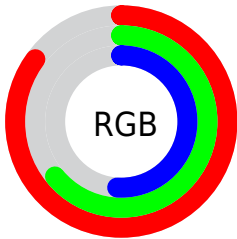
Format	Color
R _Y B	218, 184, 131
Decimal	14328963
CIE Lab	71.62, 15.69, 24.88
CIE LCh	72, 29.415, 57.757
Yxy	43.0950, 0.3965, 0.3692
Android (android.graphics.Color)	4292519043 (0xFFDAA483)
YUV	176.3840, -22.3743, 36.4972
Hunter-Lab	65.6468, 10.9623, 21.2523

Details

The Yxy color **43.0950, 0.3965, 0.3692** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **44.5688, 0.2510, 0.2843**, and the grayscale version is **43.7298, 0.3127, 0.3290**.

A 20% lighter version of the original color is **75.3837, 0.3642, 0.3650**, and **19.7595, 0.4212, 0.3787** is the 20% darker color. If you saturate the color by 10%, you get **37.9803, 0.4256, 0.3789**, and if you desaturate by 10%, it is **48.8529, 0.3707, 0.3588**.

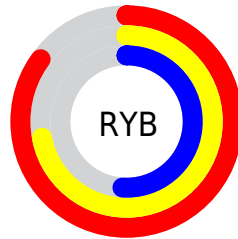
Distribution



Red (85%)

Green (64%)

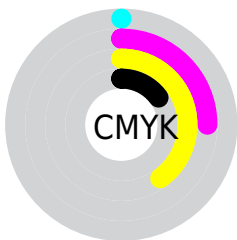
Blue (51%)



Red (85%)

Yellow (72%)

Blue (51%)

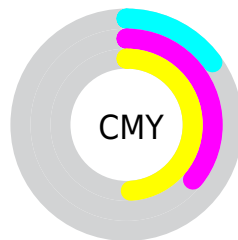


Cyan (0%)

Magenta (25%)

Yellow (40%)

Black (15%)



Cyan (15%)


Magenta (36%)

Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.0950, 0.3965, 0.3692 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 43.0950, 0.3965, 0.3692 by changing the saturation by 10% instead.


 43.0950, 0.3965,
0.3692


 43.0950, 0.3965,
0.3692


359.0023, 0.3539,
0.3503


 29.9597, 0.4072,
0.3734


 79.8542, 0.3809,
0.3627

 19.8080, 0.4210,
0.3785


 104.2468, 0.3751,
0.3601

 12.2555, 0.4392,
0.3845


 133.1607, 0.3702,
0.3579

 6.9180, 0.4642,
0.3915

166.9802, 0.3659,
0.3560

 3.4108, 0.5000,
0.3987

206.0897, 0.3623,
0.3543

 1.3498, 0.5795,
0.4205

250.8737, 0.3591,

 0.1793, 0.7553,

0.3528

0.2447

301.7164, 0.3563,
0.3515

0.0000, 0.0000,
0.0000

43.0950, 0.3965,
0.3692

43.0950, 0.3965,
0.3692

37.9803, 0.4256,
0.3789

48.8529, 0.3707,
0.3588

33.4788, 0.4574,
0.3868

55.2704, 0.3483,
0.3484

29.5670, 0.4907,
0.3920

62.3708, 0.3290,
0.3384

26.2171, 0.5234,
0.3929

70.1745, 0.3126,
0.3289

23.3983, 0.5528,
0.3887

78.7007, 0.2985,
0.3201

■ 21.0697, 0.5770,
0.3800

■ 87.5235, 0.2902,
0.3189

■ 21.0500, 0.5772,
0.3799

■ 93.6429, 0.2906,
0.3289

Harmonies

Analogous

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



43.0950, 0.3896, 0.3356



43.0950, 0.3965, 0.3692



43.0950, 0.3794, 0.3956

Triad

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



43.0950, 0.3965, 0.3692



43.0950, 0.2653, 0.3559



43.0950, 0.2775, 0.2623

Complementary

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



43.0950, 0.3965, 0.3692



44.5688, 0.2510, 0.2843

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.



43.0950, 0.2480, 0.2633



43.0950, 0.3965, 0.3692



43.0950, 0.2413, 0.3145

Square

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



43.0950, 0.3965, 0.3692



43.0950, 0.3028, 0.3909



43.0950, 0.2353, 0.2811



43.0950, 0.3183, 0.2766

Rectangle

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



43.0950, 0.3965, 0.3692



43.0950, 0.3576, 0.4044



43.0950, 0.2353, 0.2811



43.0950, 0.2660, 0.2608

Sweetspot

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



43.0971, 0.3965, 0.3692



86.6631, 0.3330, 0.3406



34.6827, 0.3494, 0.2640



18.2578, 0.3355, 0.3419



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.



43.0971, 0.3965, 0.3692



55.2068, 0.4211, 0.3775



60.8697, 0.3770, 0.4159



13.8575, 0.3282, 0.3379



12.8052, 0.5746, 0.3820



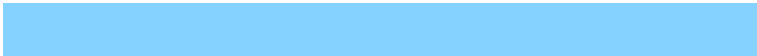
0.9927, 0.5440, 0.4062

Inverse Universe

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



44.5688, 0.2510, 0.2843



57.5494, 0.2387, 0.2728



29.4086, 0.2416, 0.2236



13.9560, 0.2982, 0.3199



13.6696, 0.1890, 0.2002



1.0498, 0.1954, 0.2235

Previews

White Background



This preview shows how the Yxy color 43.0950, 0.3965, 0.3692 looks on a white background.

Color Contrast Check

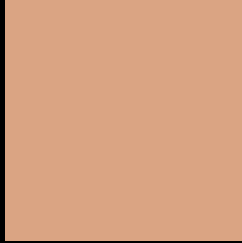
Large Text (above 18pt) WCAG AA × Fail

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 43.0950, 0.3965, 0.3692 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

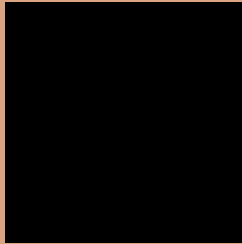
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.0950, 0.3965, 0.3692

Background



This preview shows how black text looks on a background with the Yxy color 43.0950, 0.3965, 0.3692.



This preview shows how white text looks on a background with the Yxy color 43.0950, 0.3965, 0.3692.

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

43.0950, 0.3965, 0.3692

Protanopia

43.0023, 0.3572, 0.3814

Deuteranopia

43.0269, 0.3858, 0.3769



Tritanopia

43.2661, 0.3630, 0.3149

Trichromacy



Original Color

43.0950, 0.3965, 0.3692

Protanomaly

42.8528, 0.3710, 0.3772

Deuteranomaly

43.2462, 0.3901, 0.3749

Tritanomaly

43.2622, 0.3763, 0.3352

Monochromacy



Original Color

43.0950, 0.3965, 0.3692

Achromatopsia

43.4154, 0.3127, 0.3290

Achromatomaly

43.1195, 0.3406, 0.3448

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.0950, 0.3965, 0.3692 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(218, 164, 131)` looks like.

```
.text, #text, p{  
    color:rgb(218, 164, 131)  
}
```

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(218, 164, 131) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 164, 131) }
```

Border

The CSS property to change the border of an element to Yxy 43.0950, 0.3965, 0.3692 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(218, 164, 131) }
```

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

```
.border{ border-color:rgb(218, 164, 131) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 164, 131)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 164, 131); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 164, 131);  
box-shadow:4px 4px 4px 4px rgb(218, 164,  
131) }
```


Background

The CSS property to change the background color of an element to Yxy 43.0950, 0.3965, 0.3692 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 164, 131) }
```

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

```
.background{ background-color: rgb(218,  
164, 131) }
```

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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