

Converting Colors

$Yxy(43.0749, 0.3963, 0.3782)$

Have a look what the booklet for
Yxy(43.0749, 0.3963, 0.3782)
contains.

| | |
|---|----|
| Yxy(43.0749, 0.3963, 0.3782) | 3 |
| Conversions | 4 |
| Details | 6 |
| Harmonies | 12 |
| Previews | 24 |
| Color Blindness Simulation | 27 |
| CSS Examples | 30 |

Color

Yxy(43.0749, 0.3963, 0.3782)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | D6A67E |
| RGB | 214, 166, 126 |
| RGB Percent | 84%, 65%, 49% |
| CMY | 0.1608, 0.3490, 0.5058 |
| CMYK | 0.00, 0.22, 0.41, 0.16 |
| HSL | 27°, 52%, 67% |
| HSV | 27°, 41%, 84% |
| XYZ | 45.1364, 43.0749, 25.6832 |
| YIQ | 175.7920, 41.4480, -2.2640 |

Conversions

Conversions Part 2

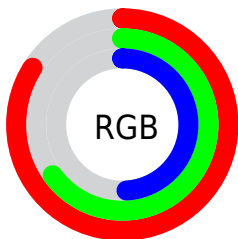
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 214, 199, 126 |
| Decimal | 14067326 |
| CIE Lab | 71.61, 12.48, 27.47 |
| CIE LCh | 72, 30.173, 65.567 |
| Yxy | 43.0749, 0.3963, 0.3782 |
| Android (android.graphics.Color) | 4292257406 (0xFFD6A67E) |
| YUV | 175.7920, -24.5475, 33.5084 |
| Hunter-Lab | 65.6315, 7.9038, 22.7404 |

Details

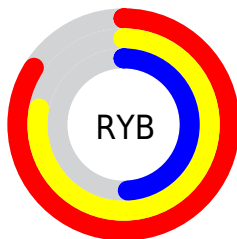
The Yxy color **43.0749, 0.3963, 0.3782** is a light color, and the websafe version is hex **CC9966**. A complement of this color would be **39.5783, 0.2478, 0.2733**, and the grayscale version is **43.4184, 0.3127, 0.3290**.

A 20% lighter version of the original color is **76.2276, 0.3672, 0.3721**, and **19.7245, 0.4205, 0.3908** is the 20% darker color. If you saturate the color by 10%, you get **38.5275, 0.4234, 0.3896**, and if you desaturate by 10%, it is **48.1301, 0.3717, 0.3660**.

Distribution



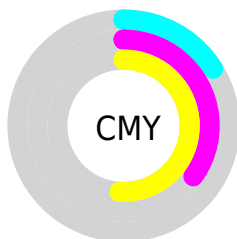
- Red (84%)
- Green (65%)
- Blue (49%)



- Red (84%)
- Yellow (78%)
- Blue (49%)



- Cyan (0%)
- Magenta (22%)
- Yellow (41%)
- Black (16%)





- Cyan (16%)
- Magenta (35%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 43.0749, 0.3963, 0.3782 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 43.0749, 0.3963, 0.3782 by changing the saturation by 10% instead.


 43.0749, 0.3963,
0.3782


 43.0749, 0.3963,
0.3782


358.9197, 0.3539,
0.3547


 29.9439, 0.4069,
0.3835


 79.8239, 0.3809,
0.3700

 19.7960, 0.4204,
0.3900

 104.2106, 0.3751,
0.3668

 12.2468, 0.4381,
0.3979


 133.1181, 0.3702,
0.3641

 6.9120, 0.4621,
0.4073

166.9306, 0.3660,
0.3617

 3.4071, 0.4972,
0.4188

206.0327, 0.3624,
0.3597

 1.3478, 0.5618,
0.4382

250.8086, 0.3592,

 0.1778, 0.7271,

0.3578

0.2729

301.6428, 0.3564,
0.3562

0.0000, 0.0000,
0.0000

43.0749, 0.3963,
0.3782

43.0749, 0.3963,
0.3782

38.5275, 0.4234,
0.3896

48.1301, 0.3717,
0.3660

34.4640, 0.4524,
0.3991

53.7036, 0.3500,
0.3536

30.8673, 0.4822,
0.4054

59.8135, 0.3309,
0.3416

27.7164, 0.5108,
0.4074

66.4748, 0.3144,
0.3302

24.9881, 0.5363,
0.4040

73.7019, 0.3001,
0.3196

■ 22.8896, 0.5556,
0.3970

■ 81.5088, 0.2878,
0.3098

■ 88.4934, 0.2880,
0.3215

■ 93.0371, 0.2883,
0.3289

Harmonies

Analogous

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



43.0749, 0.3959, 0.3449



43.0749, 0.3963, 0.3782



43.0749, 0.3731, 0.4018

Triad

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



43.0749, 0.3963, 0.3782



43.0749, 0.2561, 0.3455



43.0749, 0.2867, 0.2632

Complementary

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



43.0749, 0.3963, 0.3782



39.5783, 0.2478, 0.2733

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.



43.0749, 0.2527, 0.2598



43.0749, 0.3963, 0.3782



43.0749, 0.2361, 0.3038

Square

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



43.0749, 0.3963, 0.3782



43.0749, 0.2916, 0.3849



43.0749, 0.2350, 0.2735



43.0749, 0.3301, 0.2813

Rectangle

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



43.0749, 0.3963, 0.3782



43.0749, 0.3484, 0.4073



43.0749, 0.2350, 0.2735



43.0749, 0.2739, 0.2603

Sweetspot

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



43.0769, 0.3963, 0.3782



87.9892, 0.3327, 0.3428



32.2984, 0.3591, 0.2705



18.5691, 0.3351, 0.3443



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.



43.0769, 0.3963, 0.3782



58.3377, 0.4189, 0.3878



61.7036, 0.3757, 0.4257



13.3409, 0.3280, 0.3396



14.0368, 0.5531, 0.3990



1.0108, 0.5242, 0.4220

Inverse Universe

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



39.5783, 0.2478, 0.2733



52.4629, 0.2350, 0.2595



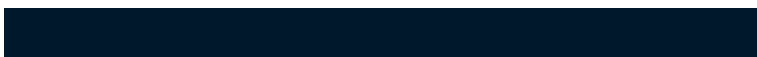
25.3724, 0.2376, 0.2094



13.1204, 0.2982, 0.3181



10.8028, 0.1817, 0.1742



0.8161, 0.1898, 0.2033

Previews

White Background



This preview shows how the Yxy color 43.0749, 0.3963, 0.3782 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 43.0749, 0.3963, 0.3782 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

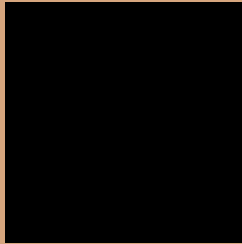
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 43.0749, 0.3963, 0.3782

Background



This preview shows how black text looks on a background with the Yxy color 43.0749, 0.3963, 0.3782.



This preview shows how white text looks on a background with the Yxy color 43.0749, 0.3963, 0.3782.

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

43.0749, 0.3963, 0.3782

Protanopia

42.9630, 0.3633, 0.3893

Deuteranopia

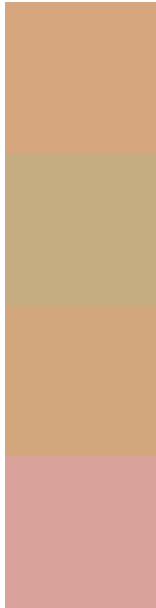
43.0669, 0.3904, 0.3816



Tritanopia

43.0256, 0.3579, 0.3147

Trichromacy



Original Color

43.0749, 0.3963, 0.3782

Protanomaly

42.9603, 0.3741, 0.3851

Deuteranomaly

42.9927, 0.3929, 0.3800

Tritanomaly

42.9589, 0.3730, 0.3377

Monochromacy



Original Color

43.0749, 0.3963, 0.3782

Achromatopsia

43.4154, 0.3127, 0.3290

Achromatomaly

42.9208, 0.3414, 0.3476

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.0749, 0.3963, 0.3782 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(214, 166, 126)` looks like.

```
.text, #text, p{  
    color:rgb(214, 166, 126)  
}
```

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(214, 166, 126) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 166, 126) }
```

Border

The CSS property to change the border of an element to Yxy 43.0749, 0.3963, 0.3782 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(214, 166, 126) }
```

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

```
.border{ border-color:rgb(214, 166, 126) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 166, 126)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 166, 126); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 166, 126);  
box-shadow:4px 4px 4px 4px rgb(214, 166,  
126) }
```


Background

The CSS property to change the background color of an element to Yxy 43.0749, 0.3963, 0.3782 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 166, 126) }
```

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

```
.background{ background-color: rgb(214,  
166, 126) }
```

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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