

Converting Colors

$Yxy(44.1445, 0.3840, 0.3752)$

Have a look what the booklet for
Yxy(44.1445, 0.3840, 0.3752)
contains.

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Color

Yxy(44.1445, 0.3840, 0.3752)

Conversions

Conversions Part 1

Format	Color
Hex	D2AA85
RGB	210, 170, 133
RGB Percent	82%, 67%, 52%
CMY	0.1766, 0.3333, 0.4784
CMYK	0.00, 0.19, 0.37, 0.18
HSL	29°, 46%, 67%
HSV	29°, 37%, 82%
XYZ	45.1799, 44.1445, 28.3315
YIQ	177.7420, 35.7170, -3.0270

Conversions

Conversions Part 2

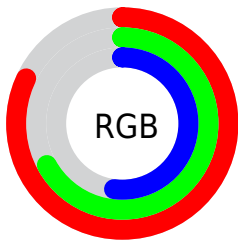
Format	Color
RYB	210, 204, 133
Decimal	13806213
CIELab	72.32, 9.51, 24.60
CIELCh	72, 26.374, 68.875
Yxy	44.1445, 0.3840, 0.3752
Android (android.graphics.Color)	4291996293 (0xFFD2AA85)
YUV	177.7420, -22.0578, 28.2903
Hunter-Lab	66.4413, 5.1071, 21.2268

Details

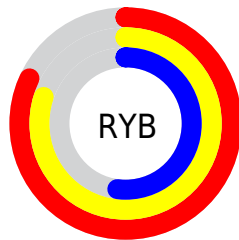
The Yxy color $44.1445, 0.3840, 0.3752$ is a light color, and the websafe version is hex $CC9966$. A complement of this color would be $39.5084, 0.2545, 0.2774$, and the grayscale version is $44.4819, 0.3127, 0.3290$.

A 20% lighter version of the original color is $78.6556, 0.3612, 0.3688$, and $20.4514, 0.4045, 0.3872$ is the 20% darker color. If you saturate the color by 10%, you get $39.7040, 0.4093, 0.3877$, and if you desaturate by 10%, it is $49.0439, 0.3612, 0.3622$.

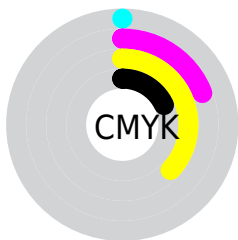
Distribution



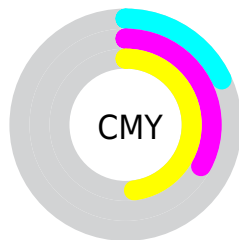
- Red (82%)
- Green (67%)
- Blue (52%)



- Red (82%)
- Yellow (80%)
- Blue (52%)



- Cyan (0%)
- Magenta (19%)
- Yellow (37%)
- Black (18%)




- Cyan (18%)
- Magenta (33%)
- Yellow (48%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.1445, 0.3840, 0.3752 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 44.1445, 0.3840, 0.3752 by changing the saturation by 10% instead.


 44.1445, 0.3840,
0.3752


 44.1445, 0.3840,
0.3752


363.2976, 0.3480,
0.3529


 30.7841, 0.3930,
0.3804


 81.4351, 0.3709,
0.3673

 20.4345, 0.4045,
0.3869


 106.1342, 0.3660,
0.3643

 12.7113, 0.4196,
0.3950


 135.3816, 0.3618,
0.3617

 7.2300, 0.4403,
0.4052

169.5617, 0.3582,
0.3594

 3.6064, 0.4697,
0.4178

209.0590, 0.3552,
0.3575

 1.4559, 0.5434,
0.4566

254.2578, 0.3525,

 0.2574, 0.6494,

0.3558

0.3506

305.5426, 0.3501,
0.3542

0.0000, 0.0000,
0.0000

44.1445, 0.3840,
0.3752

44.1445, 0.3840,
0.3752

39.7040, 0.4093,
0.3877

49.0439, 0.3612,
0.3622

35.7012, 0.4366,
0.3988

54.4103, 0.3410,
0.3493

32.1219, 0.4650,
0.4074


60.2594, 0.3232,
0.3369

28.9486, 0.4930,
0.4120

66.6040, 0.3078,
0.3252

26.1618, 0.5188,
0.4117

73.4565, 0.2944,
0.3143

 23.7389, 0.5407,
0.4060

 80.5694, 0.2850,
0.3084

 22.9996, 0.5476,
0.4034

 87.0174, 0.2856,
0.3199

 92.4367, 0.2860,
0.3289

Harmonies

Analogous

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



44.1445, 0.3859, 0.3468



44.1445, 0.3840, 0.3752



44.1445, 0.3623, 0.3936

Triad

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



44.1445, 0.3840, 0.3752



44.1445, 0.2607, 0.3393



44.1445, 0.2942, 0.2724

Complementary

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



44.1445, 0.3840, 0.3752



39.5084, 0.2545, 0.2774

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.



44.1445, 0.2631, 0.2681



44.1445, 0.3840, 0.3752



44.1445, 0.2447, 0.3041

Square

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



44.1445, 0.3840, 0.3752



44.1445, 0.2908, 0.3738



44.1445, 0.2456, 0.2788



44.1445, 0.3322, 0.2896

Rectangle

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



44.1445, 0.3840, 0.3752



44.1445, 0.3402, 0.3964



44.1445, 0.2456, 0.2788



44.1445, 0.2826, 0.2694

Sweetspot

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



44.1466, 0.3840, 0.3752



89.3827, 0.3309, 0.3423



33.5315, 0.3537, 0.2784



18.8655, 0.3333, 0.3440



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.



44.1466, 0.3840, 0.3752



63.0604, 0.4036, 0.3851



60.2107, 0.3684, 0.4169



12.7329, 0.3279, 0.3402



14.2336, 0.5453, 0.4053



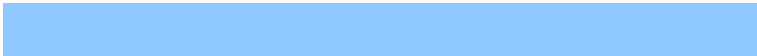
0.9544, 0.5162, 0.4284

Inverse Universe

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



39.5084, 0.2545, 0.2774



54.8341, 0.2420, 0.2641



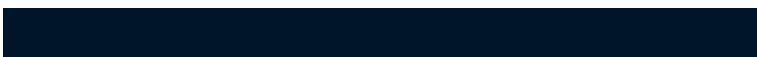
27.1264, 0.2467, 0.2228



12.4183, 0.2983, 0.3175



9.7134, 0.1793, 0.1653



0.7016, 0.1882, 0.1977

Previews

White Background



This preview shows how the Yxy color 44.1445, 0.3840, 0.3752 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 44.1445, 0.3840, 0.3752 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

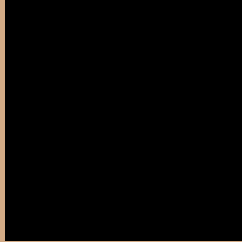
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.1445, 0.3840, 0.3752

Background



This preview shows how black text looks on a background with the Yxy color 44.1445, 0.3840, 0.3752.



This preview shows how white text looks on a background with the Yxy color 44.1445, 0.3840, 0.3752.

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

44.1445, 0.3840, 0.3752

Protanopia

44.1690, 0.3594, 0.3834

Deuteranopia

43.9982, 0.3831, 0.3754



Tritanopia

44.0214, 0.3484, 0.3134

Trichromacy



Original Color

44.1445, 0.3840, 0.3752

Protanomaly

43.8917, 0.3680, 0.3798

Deuteranomaly

43.9982, 0.3831, 0.3754

Tritanomaly

43.9918, 0.3621, 0.3353

Monochromacy



Original Color

44.1445, 0.3840, 0.3752

Achromatopsia

44.5201, 0.3127, 0.3290

Achromatomaly

44.2157, 0.3373, 0.3461

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.1445, 0.3840, 0.3752 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(210, 170, 133)` looks like.

```
.text, #text, p{  
    color:rgb(210, 170, 133)  
}
```

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(210, 170, 133) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 170, 133) }
```

Border

The CSS property to change the border of an element to Yxy 44.1445, 0.3840, 0.3752 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(210, 170, 133) }
```

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

```
.border{ border-color:rgb(210, 170, 133) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 170, 133)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 170, 133); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 170, 133);  
box-shadow:4px 4px 4px 4px rgb(210, 170,  
133) }
```


Background

The CSS property to change the background color of an element to Yxy 44.1445, 0.3840, 0.3752 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 170, 133) }
```

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

```
.background{ background-color: rgb(210,  
170, 133) }
```

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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