

Converting Colors

Yxy(44.0607, 0.3752, 0.3616)

Have a look what the booklet for
Yxy(44.0607, 0.3752, 0.3616)
contains.

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Color

Yxy(44.0607, 0.3752, 0.3616)

Conversions

Conversions Part 1

Format	Color
Hex	D2A98F
RGB	210, 169, 143
RGB Percent	82%, 66%, 56%
CMY	0.1766, 0.3372, 0.4393
CMYK	0.00, 0.20, 0.32, 0.18
HSL	23°, 43%, 69%
HSV	23°, 32%, 82%
XYZ	45.7179, 44.0607, 32.0707
YIQ	178.2950, 32.7820, 0.6060

Conversions

Conversions Part 2

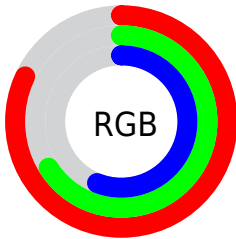
Format	Color
R _Y B	210, 185, 143
Decimal	13805967
CIE Lab	72.27, 11.29, 19.12
CIE LCh	72, 22.202, 59.439
Yxy	44.0607, 0.3752, 0.3616
Android (android.graphics.Color)	4291996047 (0xFFD2A98F)
YUV	178.2950, -17.4004, 27.8053
Hunter-Lab	66.3782, 6.7795, 17.8187

Details

The Yxy color **44.0607, 0.3752, 0.3616** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **44.7437, 0.2632, 0.2938**, and the grayscale version is **44.7654, 0.3127, 0.3290**.

A 20% lighter version of the original color is **78.6025, 0.3537, 0.3565**, and **20.3829, 0.3925, 0.3693** is the 20% darker color. If you saturate the color by 10%, you get **38.9402, 0.4014, 0.3721**, and if you desaturate by 10%, it is **49.7734, 0.3523, 0.3510**.

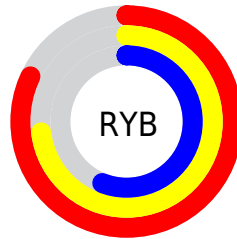
Distribution



Red (82%)

Green (66%)

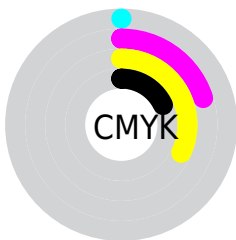
Blue (56%)



Red (82%)

Yellow (73%)

Blue (56%)

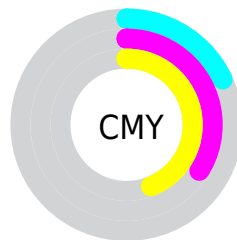


Cyan (0%)

Magenta (20%)

Yellow (32%)

Black (18%)



Cyan (18%)


Magenta (34%)


Yellow (44%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.0607, 0.3752, 0.3616 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 44.0607, 0.3752, 0.3616 by changing the saturation by 10% instead.


 44.0607, 0.3752,
0.3616

 44.0607, 0.3752,
0.3616

362.9559, 0.3435,
0.3459

 30.7182, 0.3832,
0.3653


 81.3091, 0.3636,
0.3561

 20.3844, 0.3935,
0.3698


 105.9838, 0.3592,
0.3539

 12.6748, 0.4073,
0.3756


135.2047, 0.3556,
0.3521

 7.2050, 0.4265,
0.3829

169.3561, 0.3525,
0.3505

 3.5906, 0.4547,
0.3923

208.8226, 0.3498,
0.3492

 1.4473, 0.5303,
0.4277

253.9885, 0.3474,

 0.2512, 0.6719,

0.3479

0.3281

305.2381, 0.3453,
0.3469

0.0000, 0.0000,
0.0000

44.0607, 0.3752,
0.3616

44.0607, 0.3752,
0.3616

38.9402, 0.4014,
0.3721

49.7734, 0.3523,
0.3510

34.3856, 0.4307,
0.3817

56.0911, 0.3326,
0.3406

30.3776, 0.4625,
0.3895

63.0341, 0.3157,
0.3308

26.8932, 0.4953,
0.3941

70.6196, 0.3012,
0.3217

23.9074, 0.5271,
0.3943

78.8642, 0.2888,
0.3133

■ 21.3925, 0.5551,
0.3894

■ 86.8519, 0.2855,
0.3196

■ 19.6745, 0.5743,
0.3822

■ 92.4384, 0.2860,
0.3289

Harmonies

Analogous

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



44.0607, 0.3709, 0.3363



44.0607, 0.3752, 0.3616



44.0607, 0.3619, 0.3801

Triad

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



44.0607, 0.3752, 0.3616



44.0607, 0.2758, 0.3475



44.0607, 0.2879, 0.2783

Complementary

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



44.0607, 0.3752, 0.3616



44.7437, 0.2632, 0.2938

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.



44.0607, 0.2645, 0.2788



44.0607, 0.3752, 0.3616



44.0607, 0.2578, 0.3172

Square

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



44.0607, 0.3752, 0.3616



44.0607, 0.3040, 0.3734



44.0607, 0.2538, 0.2923



44.0607, 0.3191, 0.2898

Rectangle

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



44.0607, 0.3752, 0.3616



44.0607, 0.3454, 0.3854



44.0607, 0.2538, 0.2923



44.0607, 0.2789, 0.2770

Sweetspot

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



44.0628, 0.3752, 0.3616



88.9191, 0.3293, 0.3388



36.8085, 0.3412, 0.2786



18.7163, 0.3319, 0.3402



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.



44.0628, 0.3752, 0.3616



63.1045, 0.3919, 0.3685



57.9973, 0.3632, 0.3998



12.5510, 0.3281, 0.3381



12.1859, 0.5716, 0.3843



0.8337, 0.5376, 0.4113

Inverse Universe

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



44.7437, 0.2632, 0.2938



64.2995, 0.2532, 0.2853



32.5554, 0.2575, 0.2466



12.6033, 0.2983, 0.3197



12.5165, 0.1882, 0.1973



0.8515, 0.1956, 0.2241

Previews

White Background



This preview shows how the Yxy color 44.0607, 0.3752, 0.3616 looks on a white background.

Color Contrast Check

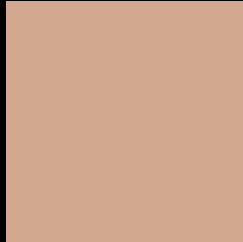
Large Text (above 18pt) WCAG AA × Fail

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 44.0607, 0.3752, 0.3616 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

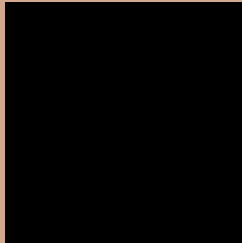
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.0607, 0.3752, 0.3616

Background



This preview shows how black text looks on a background with the Yxy color 44.0607, 0.3752, 0.3616.



This preview shows how white text looks on a background with the Yxy color 44.0607, 0.3752, 0.3616.

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

44.0607, 0.3752, 0.3616

Protanopia

44.1157, 0.3470, 0.3691

Deuteranopia

43.8544, 0.3710, 0.3632



Tritanopia

44.0214, 0.3484, 0.3134

Trichromacy



Original Color

44.0607, 0.3752, 0.3616

Protanomaly

43.9495, 0.3563, 0.3656

Deuteranomaly

43.9980, 0.3719, 0.3631

Tritanomaly

44.1352, 0.3583, 0.3304

Monochromacy



Original Color

44.0607, 0.3752, 0.3616

Achromatopsia

44.5201, 0.3127, 0.3290

Achromatomaly

44.3237, 0.3347, 0.3421

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.0607, 0.3752, 0.3616 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, 169, 143)` looks like.

```
.text, #text, p{  
    color:rgb(210, 169, 143)  
}
```

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, 169, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(210, 169, 143) }
```

Border

The CSS property to change the border of an element to Yxy 44.0607, 0.3752, 0.3616 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, 169, 143) }
```

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

```
.border{ border-color:rgb(210, 169, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(210, 169, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(210, 169, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(210, 169, 143);  
box-shadow:4px 4px 4px 4px rgb(210, 169,  
143) }
```


Background

The CSS property to change the background color of an element to Yxy 44.0607, 0.3752, 0.3616 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(210, 169, 143) }
```

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

```
.background{ background-color: rgb(210,  
169, 143) }
```

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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