

Converting Colors

$Yxy(44.8448, 0.3307, 0.3723)$

Have a look what the booklet for
Yxy(44.8448, 0.3307, 0.3723)
contains.

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Color

Yxy(44.6889, 0.3307, 0.3716)

Conversions

Conversions Part 1

Format	Color
Hex	AEB697
RGB	174, 182, 151
RGB Percent	68%, 71%, 59%
CMY	0.3176, 0.2863, 0.4079
CMYK	0.04, 0.00, 0.17, 0.29
HSL	75°, 18%, 65%
HSV	75°, 17%, 71%
XYZ	39.7702, 44.6889, 35.8016
YIQ	176.0740, 5.1830, -11.3370

Conversions

Conversions Part 2

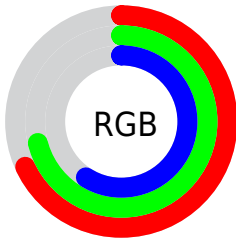
Format	Color
RYB	151, 182, 159
Decimal	11450007
CIELab	72.69, -8.29, 14.87
CIElCh	73, 17.023, 119.158
Yxy	44.6889, 0.3307, 0.3716
Android (android.graphics.Color)	4289640087 (0xFFAEB697)
YUV	176.0740, -12.3615, -1.8189
Hunter-Lab	66.8498, -10.7939, 15.0419

Details

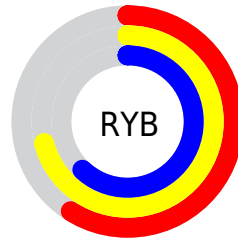
The Yxy color $44.6889, 0.3307, 0.3716$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $32.8752, 0.2927, 0.2846$, and the grayscale version is $43.5215, 0.3127, 0.3290$.

A 20% lighter version of the original color is $82.3798, 0.3279, 0.3639$, and $20.6856, 0.3351, 0.3843$ is the 20% darker color. If you saturate the color by 10%, you get $43.6152, 0.3412, 0.3981$, and if you desaturate by 10%, it is $45.8766, 0.3201, 0.3461$.

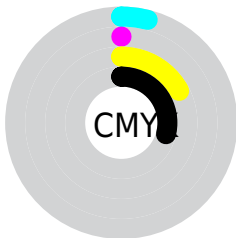
Distribution



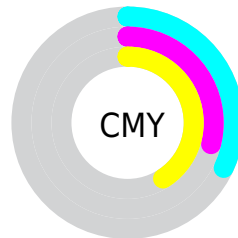
- Red (68%)
- Green (71%)
- Blue (59%)



- Red (59%)
- Yellow (71%)
- Blue (62%)



- Cyan (4%)
- Magenta (0%)
- Yellow (17%)
- Black (29%)





- Cyan (32%)
- Magenta (29%)
- Yellow (41%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.6889, 0.3307, 0.3716 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 44.6889, 0.3307, 0.3716 by changing the saturation by 10% instead.


 44.6889, 0.3307,
0.3716


 44.6889, 0.3307,
0.3716


365.5121, 0.3218,
0.3498

 31.2125, 0.3329,
0.3772


 82.2534, 0.3275,
0.3636

 20.7607, 0.3356,
0.3845


 107.1102, 0.3263,
0.3606

 12.9492, 0.3391,
0.3943


136.5293, 0.3253,
0.3581

 7.3936, 0.3439,
0.4083

170.8950, 0.3244,
0.3559

 3.7094, 0.3505,
0.4298

210.5917, 0.3236,
0.3541

 1.5124, 0.3683,
0.4772

256.0039, 0.3230,

 0.2974, 0.2124,

0.3525

0.7876

307.5159, 0.3224,
0.3511

0.0000, 0.0000,
0.0000

44.6889, 0.3307,
0.3716

44.6889, 0.3307,
0.3716

43.6152, 0.3412,
0.3981

45.8766, 0.3201,
0.3461

42.6453, 0.3512,
0.4249

47.1766, 0.3097,
0.3221

41.7764, 0.3601,
0.4512

48.5946, 0.2996,
0.2997

41.0034, 0.3676,
0.4759

50.1343, 0.2901,
0.2793

40.3208, 0.3731,
0.4977

51.7992, 0.2813,
0.2606

■ 39.7222, 0.3763,
0.5158

■ 53.2540, 0.2763,
0.2486

■ 39.2003, 0.3769,
0.5294

■ 53.9187, 0.2797,
0.2494

■ 38.7447, 0.3752,
0.5385

■ 54.6035, 0.2831,
0.2501

■ 38.6170, 0.3745,
0.5409

■ 55.3086, 0.2865,
0.2509

Harmonies

Analogous

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



44.6889, 0.3506, 0.3681



44.6889, 0.3307, 0.3716



44.6889, 0.3065, 0.3625

Triad

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



44.6889, 0.3307, 0.3716



44.6889, 0.2672, 0.3013



44.6889, 0.3409, 0.3147

Complementary

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



44.6889, 0.3307, 0.3716



32.8752, 0.2927, 0.2846

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.



44.6889, 0.3175, 0.2985



44.6889, 0.3307, 0.3716



44.6889, 0.2755, 0.2904

Square

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



44.6889, 0.3307, 0.3716



44.6889, 0.2705, 0.3206



44.6889, 0.2937, 0.2897



44.6889, 0.3568, 0.3348

Rectangle

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



44.6889, 0.3307, 0.3716



44.6889, 0.2913, 0.3505



44.6889, 0.2937, 0.2897



44.6889, 0.3336, 0.3087

Sweetspot

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



44.6909, 0.3307, 0.3716



83.6160, 0.3180, 0.3413



36.8865, 0.3430, 0.3398



18.4328, 0.3188, 0.3430



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



44.6909, 0.3307, 0.3716



80.3570, 0.3342, 0.3803



43.0353, 0.3172, 0.3734



10.3838, 0.3225, 0.3519



27.3032, 0.3750, 0.5404



0.9904, 0.3870, 0.5309

Inverse Universe

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



32.8752, 0.2927, 0.2846



55.3771, 0.2882, 0.2752



34.5338, 0.3072, 0.2865



8.8283, 0.3023, 0.3056



2.8377, 0.1664, 0.0690



0.1307, 0.1949, 0.0847

Previews

White Background



This preview shows how the Yxy color 44.6889, 0.3307, 0.3716 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 44.6889, 0.3307, 0.3716 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

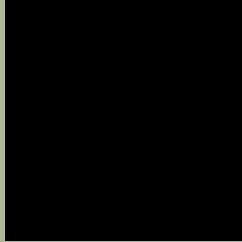
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

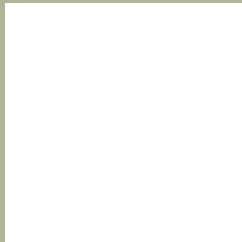
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 44.6889, 0.3307, 0.3716

Background



This preview shows how black text looks on a background with the Yxy color 44.6889, 0.3307, 0.3716.



This preview shows how white text looks on a background with the Yxy color 44.6889, 0.3307, 0.3716.

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

44.6889, 0.3307, 0.3716

Protanopia

44.7021, 0.3460, 0.3675

Deuteranopia

44.2631, 0.3595, 0.3519



Tritanopia

44.4717, 0.3049, 0.3107

Trichromacy



Original Color

44.6889, 0.3307, 0.3716

Protanomaly

44.5095, 0.3403, 0.3680

Deuteranomaly

44.2644, 0.3488, 0.3592

Tritanomaly

44.4404, 0.3143, 0.3317

Monochromacy



Original Color

44.6889, 0.3307, 0.3716

Achromatopsia

43.4154, 0.3127, 0.3290

Achromatomaly

43.7448, 0.3190, 0.3439

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.6889, 0.3307, 0.3716 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(174, 182, 151)` looks like.

```
.text, #text, p{  
    color:rgb(174, 182, 151)  
}
```

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(174, 182, 151) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 182, 151) }
```

Border

The CSS property to change the border of an element to Yxy 44.6889, 0.3307, 0.3716 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(174, 182, 151) }
```

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

```
.border{ border-color:rgb(174, 182, 151) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 182, 151)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 182, 151); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 182, 151);  
box-shadow:4px 4px 4px 4px rgb(174, 182,  
151) }
```


Background

The CSS property to change the background color of an element to Yxy 44.6889, 0.3307, 0.3716 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 182, 151) }
```

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

```
.background{ background-color: rgb(174,  
182, 151) }
```

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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