

Converting Colors

Yxy(44.6812, 0.3426, 0.3968)

Have a look what the booklet for
Yxy(44.6812, 0.3426, 0.3968)
contains.

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Color

Yxy(44.9145, 0.3423, 0.3967)

Conversions

Conversions Part 1

Format	Color
Hex	ADB887
RGB	173, 184, 135
RGB Percent	68%, 72%, 53%
CMY	0.3214, 0.2785, 0.4706
CMYK	0.06, 0.00, 0.27, 0.28
HSL	73°, 26%, 63%
HSV	73°, 27%, 72%
XYZ	38.7553, 44.9145, 29.5505
YIQ	175.1250, 9.1730, -17.5710

Conversions

Conversions Part 2

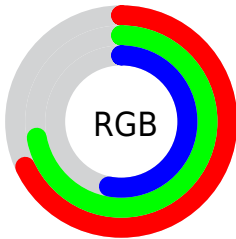
Format	Color
RYB	135, 184, 146
Decimal	11384967
CIELab	72.84, -12.14, 23.68
CIELCh	73, 26.609, 117.156
Yxy	44.9145, 0.3423, 0.3967
Android (android.graphics.Color)	4289575047 (0xFFADB887)
YUV	175.1250, -19.7816, -1.8636
Hunter-Lab	67.0183, -14.0591, 20.7699

Details

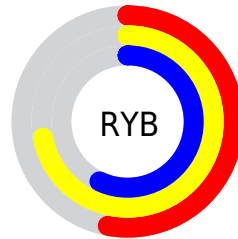
The Yxy color $44.9145, 0.3423, 0.3967$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $26.8968, 0.2776, 0.2560$, and the grayscale version is $43.0434, 0.3127, 0.3290$.

A 20% lighter version of the original color is $82.6523, 0.3370, 0.3834$, and $20.8815, 0.3494, 0.4169$ is the 20% darker color. If you saturate the color by 10%, you get $43.9805, 0.3529, 0.4232$, and if you desaturate by 10%, it is $45.9564, 0.3312, 0.3704$.

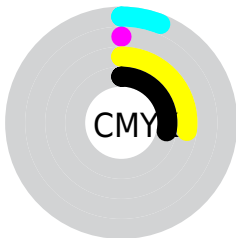
Distribution



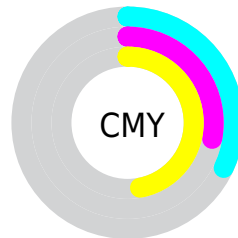
- Red (68%)
- Green (72%)
- Blue (53%)



- Red (53%)
- Yellow (72%)
- Blue (57%)



- Cyan (6%)
- Magenta (0%)
- Yellow (27%)
- Black (28%)



- Cyan (32%)
- Magenta (28%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 44.9145, 0.3423, 0.3967 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 44.9145, 0.3423, 0.3967 by changing the saturation by 10% instead.

■ 44.9145, 0.3423,
0.3967

■ 44.9145, 0.3423,
0.3967

366.4272, 0.3280,
0.3619

■ 31.3901, 0.3457,
0.4056

■ 82.5921, 0.3372,
0.3839

■ 20.8961, 0.3498,
0.4172

■ 107.5141, 0.3353,
0.3791

■ 13.0481, 0.3550,
0.4327

■ 137.0040, 0.3336,
0.3751

■ 7.4616, 0.3615,
0.4546

171.4463, 0.3322,
0.3717

■ 3.7524, 0.3695,
0.4873

211.2254, 0.3309,
0.3687

■ 1.5361, 0.4111,
0.5889

256.7256, 0.3298,

■ 0.3139, 0.0060,

0.3662

0.9940

308.3314, 0.3289,
0.3639

0.0000, 0.0000,
0.0000

44.9145, 0.3423,
0.3967

44.9145, 0.3423,
0.3967

43.9805, 0.3529,
0.4232

45.9564, 0.3312,
0.3704

43.1439, 0.3626,
0.4491

47.1047, 0.3200,
0.3451

42.4013, 0.3707,
0.4732

48.3656, 0.3091,
0.3211

41.7472, 0.3769,
0.4945

49.7428, 0.2985,
0.2988

41.1751, 0.3807,
0.5121

51.2401, 0.2886,
0.2782

■ 40.6776, 0.3820,
0.5251

■ 52.8611, 0.2793,
0.2595

■ 40.2449, 0.3809,
0.5338

■ 54.0291, 0.2762,
0.2508

■ 40.1067, 0.3803,
0.5362

■ 54.6095, 0.2791,
0.2514

■ 55.2053, 0.2821,
0.2521

Harmonies

Analogous

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



44.9145, 0.3729, 0.3883



44.9145, 0.3423, 0.3967



44.9145, 0.3049, 0.3842

Triad

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



44.9145, 0.3423, 0.3967



44.9145, 0.2430, 0.2869



44.9145, 0.3544, 0.3049

Complementary

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



44.9145, 0.3423, 0.3967



26.8968, 0.2776, 0.2560

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.



44.9145, 0.3171, 0.2814



44.9145, 0.3423, 0.3967



44.9145, 0.2542, 0.2702

Square

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



44.9145, 0.3423, 0.3967



44.9145, 0.2489, 0.3171



44.9145, 0.2806, 0.2688



44.9145, 0.3809, 0.3347

Rectangle

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



44.9145, 0.3423, 0.3967



44.9145, 0.2813, 0.3653



44.9145, 0.2806, 0.2688



44.9145, 0.3426, 0.2961

Sweetspot

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



44.9165, 0.3423, 0.3967



85.0718, 0.3217, 0.3488



32.3797, 0.3651, 0.3441



18.2706, 0.3234, 0.3526



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.



44.9165, 0.3423, 0.3967



80.4066, 0.3487, 0.4124



42.4057, 0.3208, 0.4015



10.3995, 0.3230, 0.3518



27.6765, 0.3808, 0.5358



1.0010, 0.3913, 0.5275

Inverse Universe

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



26.8968, 0.2776, 0.2560



42.1857, 0.2681, 0.2375



29.3489, 0.3015, 0.2609



8.8137, 0.3018, 0.3056



2.7381, 0.1629, 0.0671



0.1245, 0.1894, 0.0817

Previews

White Background



This preview shows how the Yxy color 44.9145, 0.3423, 0.3967 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 44.9145, 0.3423, 0.3967 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

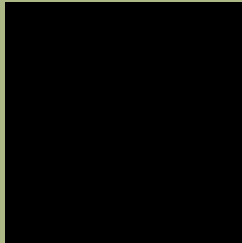
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.9145, 0.3423, 0.3967

Background



This preview shows how black text looks on a background with the Yxy color 44.9145, 0.3423, 0.3967.



This preview shows how white text looks on a background with the Yxy color 44.9145, 0.3423, 0.3967.

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

44.9145, 0.3423, 0.3967

Protanopia

44.5831, 0.3634, 0.3897

Deuteranopia

44.5161, 0.3781, 0.3703



Tritanopia

45.0296, 0.3050, 0.3108

Trichromacy



Original Color

44.9145, 0.3423, 0.3967

Protanomaly

44.5263, 0.3552, 0.3923

Deuteranomaly

44.5926, 0.3646, 0.3798

Tritanomaly

45.0478, 0.3182, 0.3410

Monochromacy



Original Color

44.9145, 0.3423, 0.3967

Achromatopsia

42.8690, 0.3127, 0.3290

Achromatomaly

43.3775, 0.3239, 0.3537

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.9145, 0.3423, 0.3967 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(173, 184, 135)` looks like.

```
.text, #text, p{  
    color:rgb(173, 184, 135)  
}
```

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(173, 184, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 184, 135) }
```

Border

The CSS property to change the border of an element to Yxy 44.9145, 0.3423, 0.3967 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(173, 184, 135) }
```

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

```
.border{ border-color:rgb(173, 184, 135) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 184, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 184, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 184, 135);  
box-shadow:4px 4px 4px 4px rgb(173, 184,  
135) }
```


Background

The CSS property to change the background color of an element to Yxy 44.9145, 0.3423, 0.3967 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 184, 135) }
```

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

```
.background{ background-color: rgb(173,  
184, 135) }
```

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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