

Converting Colors

$Yxy(44.8516, 0.3417, 0.3969)$

Have a look what the booklet for
Yxy(44.8516, 0.3417, 0.3969)
contains.

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Color

Yxy(44.8009, 0.3413, 0.3969)

Conversions

Conversions Part 1

Format	Color
Hex	ACB887
RGB	172, 184, 135
RGB Percent	67%, 72%, 53%
CMY	0.3256, 0.2784, 0.4704
CMYK	0.07, 0.00, 0.27, 0.28
HSL	75°, 26%, 63%
HSV	75°, 27%, 72%
XYZ	38.5249, 44.8009, 29.5512
YIQ	174.8260, 8.5770, -17.7830

Conversions

Conversions Part 2

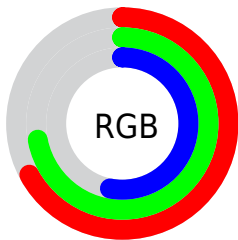
Format	Color
RYB	135, 184, 147
Decimal	11319431
CIELab	72.76, -12.56, 23.55
CIELCh	73, 26.685, 118.073
Yxy	44.8009, 0.3413, 0.3969
Android (android.graphics.Color)	4289509511 (0xFFACB887)
YUV	174.8260, -19.6342, -2.4784
Hunter-Lab	66.9335, -14.3942, 20.6768

Details

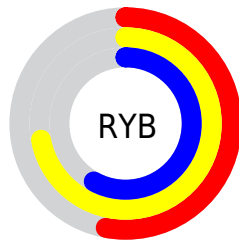
The Yxy color **44.8009, 0.3413, 0.3969** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **27.0083, 0.2786, 0.2563**, and the grayscale version is **42.8756, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.4883, 0.3363, 0.3835**, and **20.8104, 0.3482, 0.4173** is the 20% darker color. If you saturate the color by 10%, you get **43.8256, 0.3515, 0.4236**, and if you desaturate by 10%, it is **45.8872, 0.3306, 0.3705**.

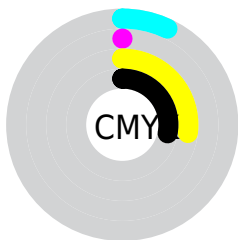
Distribution



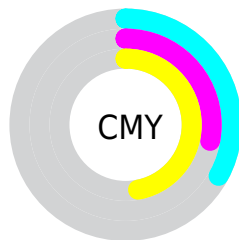
- Red (67%)
- Green (72%)
- Blue (53%)



- Red (53%)
- Yellow (72%)
- Blue (58%)



- Cyan (7%)
- Magenta (0%)
- Yellow (27%)
- Black (28%)




- Cyan (33%)
- Magenta (28%)
- Yellow (47%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 44.8009, 0.3413, 0.3969 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 44.8009, 0.3413, 0.3969 by changing the saturation by 10% instead.

 44.8009, 0.3413,
0.3969


 44.8009, 0.3413,
0.3969


365.9666, 0.3275,
0.3620


 31.3006, 0.3445,
0.4059


 82.4216, 0.3364,
0.3840

 20.8279, 0.3485,
0.4175


 107.3107, 0.3346,
0.3792

 12.9982, 0.3535,
0.4332

 136.7650, 0.3330,
0.3752

 7.4273, 0.3597,
0.4553

171.1688, 0.3316,
0.3718

 3.7308, 0.3672,
0.4884

210.9064, 0.3304,
0.3688

 1.5241, 0.4082,
0.5918

256.3623, 0.3293,

 0.3056, 0.0000,

0.3662

1.0000

307.9209, 0.3283,
0.3640

0.0000, 0.0000,
0.0000

44.8009, 0.3413,
0.3969

44.8009, 0.3413,
0.3969

43.8256, 0.3515,
0.4236

45.8872, 0.3306,
0.3705

42.9505, 0.3608,
0.4498

47.0829, 0.3198,
0.3450

42.1724, 0.3685,
0.4743


48.3942, 0.3092,
0.3211

41.4857, 0.3743,
0.4961


49.8251, 0.2990,
0.2988

40.8838, 0.3778,
0.5141


51.3793, 0.2893,
0.2783

 40.3594, 0.3787,
0.5277

 53.0603, 0.2803,
0.2597

 39.9024, 0.3772,
0.5367

 54.2888, 0.2775,
0.2511

 39.7563, 0.3765,
0.5393

 54.9354, 0.2807,
0.2518

 55.6007, 0.2840,
0.2525

Harmonies

Analogous

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



44.8009, 0.3724, 0.3891



44.8009, 0.3413, 0.3969



44.8009, 0.3037, 0.3837

Triad

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



44.8009, 0.3413, 0.3969



44.8009, 0.2429, 0.2860



44.8009, 0.3556, 0.3057

Complementary

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



44.8009, 0.3413, 0.3969



27.0083, 0.2786, 0.2563

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.



44.8009, 0.3183, 0.2818



44.8009, 0.3413, 0.3969



44.8009, 0.2546, 0.2698

Square

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



44.8009, 0.3413, 0.3969



44.8009, 0.2482, 0.3160



44.8009, 0.2815, 0.2688



44.8009, 0.3816, 0.3357

Rectangle

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



44.8009, 0.3413, 0.3969



44.8009, 0.2802, 0.3644



44.8009, 0.2815, 0.2688



44.8009, 0.3439, 0.2968

Sweetspot

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



44.8029, 0.3413, 0.3969



84.9990, 0.3214, 0.3488



32.6425, 0.3648, 0.3452



18.2521, 0.3230, 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.



44.8029, 0.3413, 0.3969



80.1372, 0.3474, 0.4127



42.3397, 0.3201, 0.4016



10.3893, 0.3227, 0.3518



27.4312, 0.3770, 0.5388



0.9940, 0.3885, 0.5297

Inverse Universe

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



27.0083, 0.2786, 0.2563



42.3922, 0.2694, 0.2378



29.4512, 0.3024, 0.2611



8.8232, 0.3021, 0.3056



2.8013, 0.1651, 0.0683



0.1286, 0.1930, 0.0837

Previews

White Background



This preview shows how the Yxy color 44.8009, 0.3413, 0.3969 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 44.8009, 0.3413, 0.3969 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

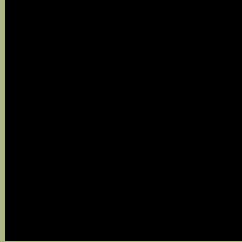
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 44.8009, 0.3413, 0.3969

Background



This preview shows how black text looks on a background with the Yxy color 44.8009, 0.3413, 0.3969.



This preview shows how white text looks on a background with the Yxy color 44.8009, 0.3413, 0.3969.

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

44.8009, 0.3413, 0.3969

Protanopia

44.5831, 0.3634, 0.3897

Deuteranopia

44.5161, 0.3781, 0.3703



Tritanopia

44.9092, 0.3041, 0.3108

Trichromacy



Original Color

44.8009, 0.3413, 0.3969

Protanomaly

44.5263, 0.3552, 0.3923

Deuteranomaly

44.5926, 0.3646, 0.3798

Tritanomaly

44.9299, 0.3173, 0.3411

Monochromacy



Original Color

44.8009, 0.3413, 0.3969

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 44.8009, 0.3413, 0.3969 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(172, 184, 135)` looks like.

```
.text, #text, p{  
    color:rgb(172, 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(172, 184, 135) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 184, 135) }
```

Border

The CSS property to change the border of an element to Yxy 44.8009, 0.3413, 0.3969 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(172, 184, 135) }
```

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

```
.border{ border-color:rgb(172, 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(172, 184, 135)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 184, 135); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 184, 135);  
box-shadow:4px 4px 4px 4px rgb(172, 184,  
135) }
```


Background

The CSS property to change the background color of an element to Yxy 44.8009, 0.3413, 0.3969 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 184, 135) }
```

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

```
.background{ background-color: rgb(172,  
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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