

Converting Colors

Yxy(43.0416, 0.3187, 0.3442)

Have a look what the booklet for
Yxy(43.0416, 0.3187, 0.3442)
contains.

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Color

Yxy(43.0817, 0.3182, 0.3441)

Conversions

Conversions Part 1

Format	Color
Hex	ADB1A6
RGB	173, 177, 166
RGB Percent	68%, 69%, 65%
CMY	0.3215, 0.3059, 0.3491
CMYK	0.02, 0.00, 0.06, 0.31
HSL	82°, 7%, 67%
HSV	82°, 6%, 69%
XYZ	39.8390, 43.0817, 42.2804
YIQ	174.5500, 1.1470, -4.2690

Conversions

Conversions Part 2

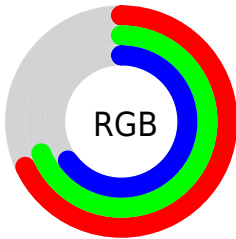
Format	Color
RYB	166, 177, 170
Decimal	11383206
CIELab	71.61, -3.44, 5.14
CIELCh	72, 6.186, 123.789
Yxy	43.0817, 0.3182, 0.3441
Android (android.graphics.Color)	4289573286 (0xFFADB1A6)
YUV	174.5500, -4.2152, -1.3594
Hunter-Lab	65.6367, -6.5213, 7.7535

Details

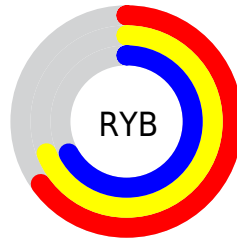
The Yxy color **43.0817, 0.3182, 0.3441** is a light color, and the websafe version is hex **999999**. A complement of this color would be **38.9806, 0.3070, 0.3138**, and the grayscale version is **42.6480, 0.3127, 0.3290**.

A 20% lighter version of the original color is **79.9923, 0.3169, 0.3417**, and **19.6952, 0.3204, 0.3480** is the 20% darker color. If you saturate the color by 10%, you get **41.7654, 0.3271, 0.3698**, and if you desaturate by 10%, it is **44.5261, 0.3094, 0.3202**.

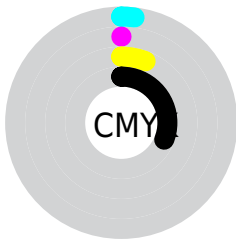
Distribution



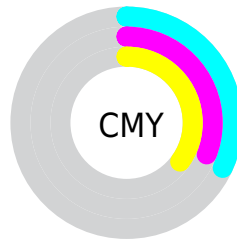
- Red (68%)
- Green (69%)
- Blue (65%)



- Red (65%)
- Yellow (69%)
- Blue (67%)



- Cyan (2%)
- Magenta (0%)
- Yellow (6%)
- Black (31%)



- Cyan (32%)
- Magenta (31%)
- Yellow (35%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 43.0817, 0.3182, 0.3441 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 43.0817, 0.3182, 0.3441 by changing the saturation by 10% instead.

■ 43.0817, 0.3182,
0.3441

■ 43.0817, 0.3182,
0.3441

■ 358.9477, 0.3155,
0.3364

■ 29.9492, 0.3189,
0.3461

■ 79.8341, 0.3172,
0.3413

■ 19.8001, 0.3198,
0.3486

■ 104.2229, 0.3168,
0.3402

■ 12.2498, 0.3210,
0.3521

■ 133.1325, 0.3165,
0.3393

■ 6.9140, 0.3226,
0.3571

■ 166.9474, 0.3162,
0.3386

■ 3.4084, 0.3251,
0.3648

■ 206.0520, 0.3160,
0.3379

■ 1.3485, 0.3293,
0.3783

■ 250.8306, 0.3158,

■ 0.1783, 0.3241,

0.3373

0.6759

301.6677, 0.3156,
0.3368

0.0000, 0.0000,
0.0000

43.0817, 0.3182,
0.3441

43.0817, 0.3182,
0.3441

41.7654, 0.3271,
0.3698

44.5261, 0.3094,
0.3202

40.5676, 0.3358,
0.3968

46.0969, 0.3010,
0.2983

39.4857, 0.3440,
0.4246

47.7997, 0.2929,
0.2783

38.5150, 0.3512,
0.4524

49.6380, 0.2854,
0.2603

37.6505, 0.3570,
0.4789

51.6153, 0.2783,
0.2440

■ 36.8866, 0.3609,
0.5031

■ 52.5784, 0.2827,
0.2447

■ 36.2171, 0.3626,
0.5237

■ 53.5457, 0.2876,
0.2458

■ 35.6350, 0.3618,
0.5397

■ 54.5511, 0.2924,
0.2470

■ 35.1310, 0.3587,
0.5508

■ 55.5950, 0.2973,
0.2482

Harmonies

Analogous

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



43.0817, 0.3258, 0.3439



43.0817, 0.3182, 0.3441



43.0817, 0.3092, 0.3401

Triad

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



43.0817, 0.3182, 0.3441



43.0817, 0.2959, 0.3181



43.0817, 0.3242, 0.3249

Complementary

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



43.0817, 0.3182, 0.3441



38.9806, 0.3070, 0.3138

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.



43.0817, 0.3160, 0.3183



43.0817, 0.3182, 0.3441



43.0817, 0.2997, 0.3143

Square

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



43.0817, 0.3182, 0.3441



43.0817, 0.2964, 0.3250



43.0817, 0.3071, 0.3144



43.0817, 0.3293, 0.3327

Rectangle

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



43.0817, 0.3182, 0.3441



43.0817, 0.3037, 0.3357



43.0817, 0.3071, 0.3144



43.0817, 0.3217, 0.3225

Sweetspot

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



43.0836, 0.3182, 0.3441



78.2148, 0.3145, 0.3339



40.7877, 0.3226, 0.3343



16.9566, 0.3144, 0.3336



89.0005, 0.3127, 0.3290



17.0645, 0.3127, 0.3290

Same Dimension

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



43.0836, 0.3182, 0.3441



76.9395, 0.3190, 0.3463



42.4821, 0.3134, 0.3443



9.8076, 0.3193, 0.3472



25.3597, 0.3580, 0.5539



0.8294, 0.3756, 0.5400

Inverse Universe

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



38.9806, 0.3070, 0.3138



68.5911, 0.3061, 0.3115



39.5928, 0.3119, 0.3140



8.6936, 0.3058, 0.3107



3.1220, 0.1799, 0.0765



0.1319, 0.2138, 0.0951

Previews

White Background



This preview shows how the Yxy color 43.0817, 0.3182, 0.3441 looks on a white background.

Color Contrast Check

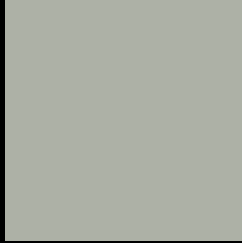
Large Text (above 18pt) WCAG AA × Fail

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 43.0817, 0.3182, 0.3441 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

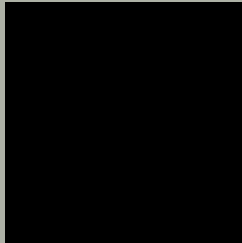
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

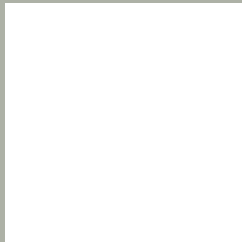
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 43.0817, 0.3182, 0.3441

Background



This preview shows how black text looks on a background with the Yxy color 43.0817, 0.3182, 0.3441.



This preview shows how white text looks on a background with the Yxy color 43.0817, 0.3182, 0.3441.

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

43.0817, 0.3182, 0.3441

Protanopia

43.2003, 0.3264, 0.3425

Deuteranopia

42.7681, 0.3386, 0.3317



Tritanopia

43.1331, 0.3032, 0.3105

Trichromacy



Original Color

43.0817, 0.3182, 0.3441

Protanomaly

43.2323, 0.3236, 0.3439

Deuteranomaly

42.8599, 0.3307, 0.3357

Tritanomaly

43.0692, 0.3087, 0.3223

Monochromacy



Original Color

43.0817, 0.3182, 0.3441

Achromatopsia

42.8690, 0.3127, 0.3290

Achromatomaly

43.0279, 0.3142, 0.3344

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.0817, 0.3182, 0.3441 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, 177, 166)` looks like.

```
.text, #text, p{  
    color:rgb(173, 177, 166)  
}
```

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, 177, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 177, 166) }
```

Border

The CSS property to change the border of an element to Yxy 43.0817, 0.3182, 0.3441 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, 177, 166) }
```

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

```
.border{ border-color:rgb(173, 177, 166) }
```

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

Here you see how a box with a 4 pixel rgb(173, 177, 166) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 177, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 177, 166);  
box-shadow:4px 4px 4px 4px rgb(173, 177,  
166) }
```


Background

The CSS property to change the background color of an element to Yxy 43.0817, 0.3182, 0.3441 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 177, 166) }
```

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

```
.background{ background-color: rgb(173,  
177, 166) }
```

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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