

Converting Colors

$Yxy(44.1427, 0.3031, 0.3393)$

Have a look what the booklet for
Yxy(44.1427, 0.3031, 0.3393)
contains.

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Color

Yxy(44.2984, 0.3030, 0.3400)

Conversions

Conversions Part 1

Format	Color
Hex	A3B6AE
RGB	163, 182, 174
RGB Percent	64%, 71%, 68%
CMY	0.3606, 0.2863, 0.3176
CMYK	0.10, 0.00, 0.04, 0.29
HSL	155°, 11%, 68%
HSV	155°, 10%, 71%
XYZ	39.4777, 44.2984, 46.5133
YIQ	175.4070, -8.7560, -6.5160

Conversions

Conversions Part 2

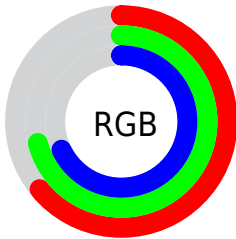
Format	Color
RYB	163, 175, 182
Decimal	10729134
CIELab	72.43, -8.10, 1.83
CIELCh	72, 8.302, 167.235
Yxy	44.2984, 0.3030, 0.3400
Android (android.graphics.Color)	4288919214 (0xFFA3B6AE)
YUV	175.4070, -0.6937, -10.8809
Hunter-Lab	66.5570, -10.5992, 5.1552

Details

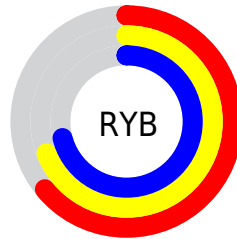
The Yxy color **44.2984, 0.3030, 0.3400** is a light color, and the websafe version is hex **999999**. A complement of this color would be **39.0940, 0.3236, 0.3183**, and the grayscale version is **43.1026, 0.3127, 0.3290**.

A 20% lighter version of the original color is **81.7116, 0.3051, 0.3385**, and **20.4852, 0.2995, 0.3424** is the 20% darker color. If you saturate the color by 10%, you get **42.2239, 0.2940, 0.3518**, and if you desaturate by 10%, it is **46.6702, 0.3123, 0.3294**.

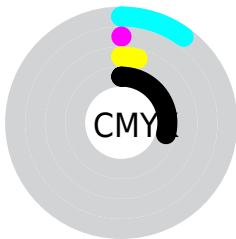
Distribution



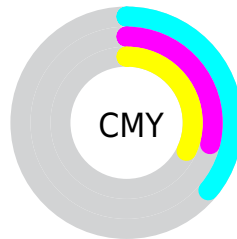
- Red (64%)
- Green (71%)
- Blue (68%)



- Red (64%)
- Yellow (69%)
- Blue (71%)



- Cyan (10%)
- Magenta (0%)
- Yellow (4%)
- Black (29%)



- Cyan (36%)
- Magenta (29%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.2984, 0.3030, 0.3400 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 44.2984, 0.3030, 0.3400 by changing the saturation by 10% instead.

 44.2984, 0.3030,
0.3400


 44.2984, 0.3030,
0.3400

363.9246, 0.3079,
0.3344

 30.9052, 0.3017,
0.3414


 81.6666, 0.3048,
0.3380

 20.5266, 0.3001,
0.3433


 106.4103, 0.3055,
0.3372

 12.7784, 0.2980,
0.3458

135.7063, 0.3060,
0.3365

 7.2762, 0.2949,
0.3493

169.9390, 0.3065,
0.3360

 3.6354, 0.2901,
0.3548

209.4928, 0.3069,
0.3355

 1.4718, 0.2820,
0.3643

254.7521, 0.3073,

 0.2687, 0.1177,

0.3351

0.5475

306.1012, 0.3076,
0.3347

0.0000, 0.0000,
0.0000

44.2984, 0.3030,
0.3400

44.2984, 0.3030,
0.3400

42.2239, 0.2940,
0.3518

46.6702, 0.3123,
0.3294

40.4291, 0.2855,
0.3647

49.3451, 0.3217,
0.3200

38.9030, 0.2779,
0.3787

52.3357, 0.3311,
0.3116

37.6316, 0.2715,
0.3937

55.6520, 0.3403,
0.3042

36.5998, 0.2665,
0.4095

59.3039, 0.3492,
0.2978

■ 35.7907, 0.2633,
0.4257

■ 59.8839, 0.3436,
0.2902

■ 35.1850, 0.2620,
0.4421

■ 60.3002, 0.3373,
0.2827

■ 34.7601, 0.2627,
0.4583

■ 60.7353, 0.3311,
0.2754

■ 34.4785, 0.2648,
0.4734

■ 61.1897, 0.3251,
0.2682

Harmonies

Analogous

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



44.2984, 0.3147, 0.3475



44.2984, 0.3030, 0.3400



44.2984, 0.2941, 0.3295

Triad

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



44.2984, 0.3030, 0.3400



44.2984, 0.2994, 0.3090



44.2984, 0.3359, 0.3382

Complementary

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



44.2984, 0.3030, 0.3400



39.0940, 0.3236, 0.3183

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.



44.2984, 0.3317, 0.3281



44.2984, 0.3030, 0.3400



44.2984, 0.3104, 0.3114

Square

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



44.2984, 0.3030, 0.3400



44.2984, 0.2920, 0.3117



44.2984, 0.3223, 0.3184



44.2984, 0.3338, 0.3462

Rectangle

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



44.2984, 0.3030, 0.3400



44.2984, 0.2907, 0.3224



44.2984, 0.3223, 0.3184



44.2984, 0.3352, 0.3350

Sweetspot

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



44.3003, 0.3030, 0.3400



83.4332, 0.3099, 0.3321



44.7858, 0.3185, 0.3550



18.3494, 0.3091, 0.3329



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.



44.3003, 0.3030, 0.3400



79.6100, 0.3014, 0.3420



44.1062, 0.2969, 0.3272



10.1448, 0.3040, 0.3388



24.3634, 0.2643, 0.4716



0.8710, 0.2530, 0.4306

Inverse Universe

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



39.0940, 0.3236, 0.3183



68.6845, 0.3257, 0.3163



39.2494, 0.3306, 0.3308



9.0734, 0.3224, 0.3194



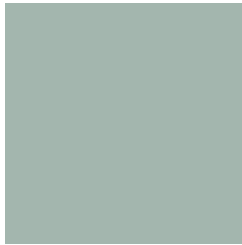
7.4118, 0.5257, 0.2670



0.2737, 0.4601, 0.2308

Previews

White Background



This preview shows how the Yxy color 44.2984, 0.3030, 0.3400 looks on a white background.

Color Contrast Check

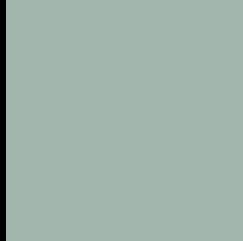
Large Text (above 18pt) WCAG AA × Fail

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 44.2984, 0.3030, 0.3400 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

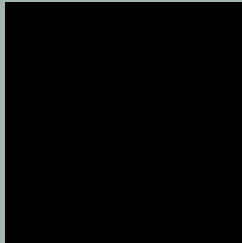
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

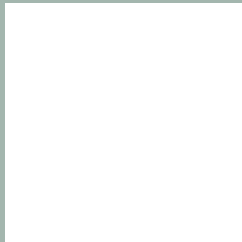
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 44.2984, 0.3030, 0.3400

Background



This preview shows how black text looks on a background with the Yxy color 44.2984, 0.3030, 0.3400.



This preview shows how white text looks on a background with the Yxy color 44.2984, 0.3030, 0.3400.

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

44.2984, 0.3030, 0.3400

Protanopia

44.3296, 0.3220, 0.3370

Deuteranopia

44.2417, 0.3302, 0.3239



Tritanopia

44.1974, 0.2911, 0.3102

Trichromacy



Original Color

44.2984, 0.3030, 0.3400

Protanomaly

44.3327, 0.3149, 0.3384

Deuteranomaly

44.2131, 0.3197, 0.3303

Tritanomaly

44.1870, 0.2955, 0.3208

Monochromacy



Original Color

44.2984, 0.3030, 0.3400

Achromatopsia

42.8690, 0.3127, 0.3290

Achromatomaly

43.5939, 0.3091, 0.3331

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.2984, 0.3030, 0.3400 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(163, 182, 174)` looks like.

```
.text, #text, p{  
    color:rgb(163, 182, 174)  
}
```

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(163, 182, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 182, 174) }
```

Border

The CSS property to change the border of an element to Yxy 44.2984, 0.3030, 0.3400 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(163, 182, 174) }
```

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

```
.border{ border-color:rgb(163, 182, 174) }
```

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

Here you see how a box with a 4 pixel rgb(163, 182, 174) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 182, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 182, 174);  
box-shadow:4px 4px 4px 4px rgb(163, 182,  
174) }
```


Background

The CSS property to change the background color of an element to Yxy 44.2984, 0.3030, 0.3400 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 182, 174) }
```

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

```
.background{ background-color: rgb(163,  
182, 174) }
```

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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