

Converting Colors

$Yxy(44.1921, 0.3078, 0.3376)$

Have a look what the booklet for
Yxy(44.1921, 0.3078, 0.3376)
contains.

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Color

Yxy(44.1335, 0.3081, 0.3372)

Conversions

Conversions Part 1

Format	Color
Hex	A9B4AE
RGB	169, 180, 174
RGB Percent	66%, 71%, 68%
CMY	0.3372, 0.2941, 0.3177
CMYK	0.06, 0.00, 0.03, 0.29
HSL	147°, 7%, 68%
HSV	147°, 6%, 71%
XYZ	40.3248, 44.1335, 46.4239
YIQ	176.0270, -4.6300, -4.1980

Conversions

Conversions Part 2

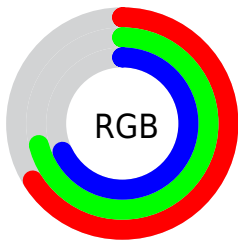
Format	Color
RYB	169, 177, 180
Decimal	11121838
CIELab	72.32, -4.97, 1.74
CIELCh	72, 5.270, 160.702
Yxy	44.1335, 0.3081, 0.3372
Android (android.graphics.Color)	4289311918 (0xFFA9B4AE)
YUV	176.0270, -0.9993, -6.1627
Hunter-Lab	66.4330, -7.9084, 5.0708

Details

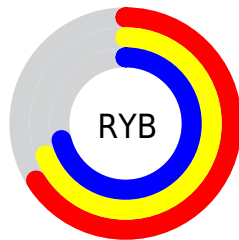
The Yxy color $44.1335, 0.3081, 0.3372$ is a light color, and the websafe version is hex 999999 . A complement of this color would be $41.1851, 0.3176, 0.3209$, and the grayscale version is $43.4398, 0.3127, 0.3290$.

A 20% lighter version of the original color is $81.4953, 0.3091, 0.3364$, and $20.3658, 0.3064, 0.3384$ is the 20% darker color. If you saturate the color by 10%, you get $41.9080, 0.3006, 0.3519$, and if you desaturate by 10%, it is $46.6652, 0.3157, 0.3241$.

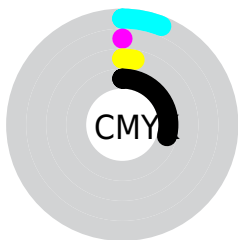
Distribution



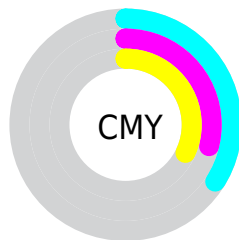
- Red (66%)
- Green (71%)
- Blue (68%)



- Red (66%)
- Yellow (69%)
- Blue (71%)



- Cyan (6%)
- Magenta (0%)
- Yellow (3%)
- Black (29%)





- Cyan (34%)
- Magenta (29%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 44.1335, 0.3081, 0.3372 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 44.1335, 0.3081, 0.3372 by changing the saturation by 10% instead.

 44.1335, 0.3081,
0.3372


 44.1335, 0.3081,
0.3372


363.2528, 0.3104,
0.3330

 30.7755, 0.3075,
0.3383


 81.4186, 0.3090,
0.3357

 20.4279, 0.3067,
0.3396


 106.1144, 0.3093,
0.3351

 12.7065, 0.3057,
0.3415

135.3584, 0.3096,
0.3346

 7.2268, 0.3042,
0.3441

169.5347, 0.3098,
0.3342

 3.6043, 0.3019,
0.3482

209.0280, 0.3100,
0.3339

 1.4548, 0.2980,
0.3552

254.2225, 0.3102,

 0.2566, 0.2282,

0.3336

0.4781

305.5026, 0.3103,
0.3333

0.0000, 0.0000,
0.0000

44.1335, 0.3081,
0.3372

44.1335, 0.3081,
0.3372

41.9080, 0.3006,
0.3519

46.6652, 0.3157,
0.3241

39.9714, 0.2935,
0.3683

49.5085, 0.3232,
0.3124

38.3129, 0.2869,
0.3863

52.6759, 0.3305,
0.3022

36.9192, 0.2812,
0.4057

56.1773, 0.3376,
0.2932

35.7757, 0.2767,
0.4262

59.2511, 0.3411,
0.2849

■ 34.8662, 0.2737,
0.4475

■ 59.8010, 0.3330,
0.2754

■ 34.1728, 0.2724,
0.4688

■ 60.3826, 0.3252,
0.2662

■ 33.6746, 0.2731,
0.4896

■ 60.9963, 0.3176,
0.2573

■ 33.3446, 0.2757,
0.5092

■ 61.1228, 0.3162,
0.2556

Harmonies

Analogous

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



44.1335, 0.3157, 0.3413



44.1335, 0.3081, 0.3372



44.1335, 0.3018, 0.3309

Triad

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



44.1335, 0.3081, 0.3372



44.1335, 0.3030, 0.3163



44.1335, 0.3272, 0.3336

Complementary

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



44.1335, 0.3081, 0.3372



41.1851, 0.3176, 0.3209

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.



44.1335, 0.3237, 0.3270



44.1335, 0.3081, 0.3372



44.1335, 0.3097, 0.3171

Square

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



44.1335, 0.3081, 0.3372



44.1335, 0.2989, 0.3188



44.1335, 0.3173, 0.3210



44.1335, 0.3267, 0.3391

Rectangle

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



44.1335, 0.3081, 0.3372



44.1335, 0.2992, 0.3263



44.1335, 0.3173, 0.3210



44.1335, 0.3264, 0.3315

Sweetspot

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



44.1354, 0.3081, 0.3372



81.8232, 0.3112, 0.3317



44.6292, 0.3172, 0.3438



17.6956, 0.3113, 0.3315



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

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



44.1354, 0.3081, 0.3372



79.5890, 0.3073, 0.3386



44.3534, 0.3038, 0.3297



9.6464, 0.3071, 0.3391



23.2122, 0.2762, 0.5143



0.7422, 0.2608, 0.4590

Inverse Universe

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



41.1851, 0.3176, 0.3209



73.3861, 0.3185, 0.3196



40.9741, 0.3223, 0.3283



8.8598, 0.3188, 0.3191



7.4123, 0.4725, 0.2377



0.2448, 0.4196, 0.2085

Previews

White Background



This preview shows how the Yxy color 44.1335, 0.3081, 0.3372 looks on a white background.

Color Contrast Check

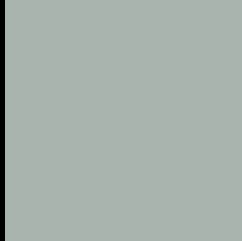
Large Text (above 18pt) WCAG AA × Fail

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 44.1335, 0.3081, 0.3372 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

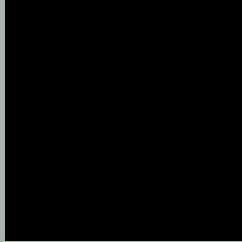
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

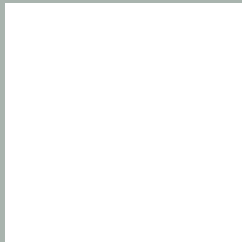
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 44.1335, 0.3081, 0.3372

Background



This preview shows how black text looks on a background with the Yxy color 44.1335, 0.3081, 0.3372.



This preview shows how white text looks on a background with the Yxy color 44.1335, 0.3081, 0.3372.

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

44.1335, 0.3081, 0.3372

Protanopia

43.8530, 0.3204, 0.3343

Deuteranopia

43.8625, 0.3303, 0.3227



Tritanopia

43.9765, 0.2974, 0.3104

Trichromacy



Original Color

44.1335, 0.3081, 0.3372

Protanomaly

43.8085, 0.3160, 0.3344

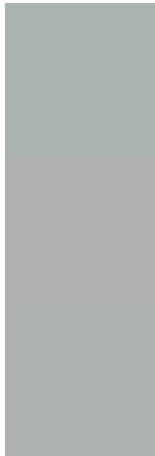
Deuteranomaly

43.8064, 0.3226, 0.3277

Tritanomaly

44.0015, 0.3012, 0.3196

Monochromacy



Original Color

44.1335, 0.3081, 0.3372

Achromatopsia

43.4154, 0.3127, 0.3290

Achromatomaly

43.4237, 0.3108, 0.3317

CSS Examples

Text

The CSS property to change the color of the text to Yxy 44.1335, 0.3081, 0.3372 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(169, 180, 174)` looks like.

```
.text, #text, p{  
    color:rgb(169, 180, 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(169, 180, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(169, 180, 174) }
```

Border

The CSS property to change the border of an element to Yxy 44.1335, 0.3081, 0.3372 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(169, 180, 174) }
```

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

```
.border{ border-color:rgb(169, 180, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(169, 180, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(169, 180, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(169, 180, 174);  
box-shadow:4px 4px 4px 4px rgb(169, 180,  
174) }
```


Background

The CSS property to change the background color of an element to Yxy 44.1335, 0.3081, 0.3372 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(169, 180, 174) }
```

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

```
.background{ background-color: rgb(169,  
180, 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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