

Converting Colors

$Yxy(43.3970, 0.3066, 0.3286)$

Have a look what the booklet for
Yxy(43.3970, 0.3066, 0.3286)
contains.

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Color

Yxy(43.3166, 0.3067, 0.3276)

Conversions

Conversions Part 1

Format	Color
Hex	ABB1B2
RGB	171, 177, 178
RGB Percent	67%, 69%, 70%
CMY	0.3294, 0.3059, 0.3019
CMYK	0.04, 0.01, 0.00, 0.30
HSL	189°, 4%, 68%
HSV	189°, 4%, 70%
XYZ	40.5531, 43.3166, 48.3543
YIQ	175.3200, -3.8970, -0.9610

Conversions

Conversions Part 2

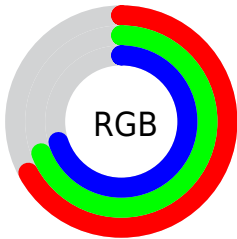
Format	Color
RYB	171, 174, 178
Decimal	11252146
CIELab	71.77, -1.90, -1.26
CIELCh	72, 2.283, 213.559
Yxy	43.3166, 0.3067, 0.3276
Android (android.graphics.Color)	4289442226 (0xFFABB1B2)
YUV	175.3200, 1.3212, -3.7886
Hunter-Lab	65.8153, -5.1914, 2.5106

Details

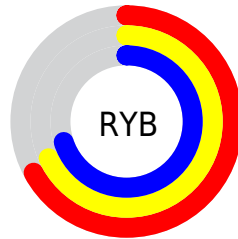
The Yxy color **43.3166, 0.3067, 0.3276** is a light color, and the websafe version is hex **999999**. A complement of this color would be **41.9174, 0.3190, 0.3304**, and the grayscale version is **43.0397, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.3871, 0.3074, 0.3279**, and **19.8179, 0.3056, 0.3271** is the 20% darker color. If you saturate the color by 10%, you get **40.4427, 0.2917, 0.3238**, and if you desaturate by 10%, it is **46.4827, 0.3220, 0.3310**.

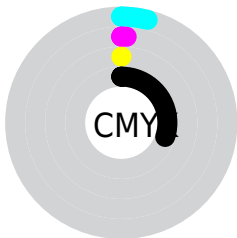
Distribution



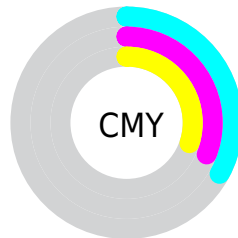
- Red (67%)
- Green (69%)
- Blue (70%)



- Red (67%)
- Yellow (68%)
- Blue (70%)



- Cyan (4%)
- Magenta (1%)
- Yellow (0%)
- Black (30%)



- Cyan (33%)
- Magenta (31%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 43.3166, 0.3067, 0.3276 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 43.3166, 0.3067, 0.3276 by changing the saturation by 10% instead.

■ 43.3166, 0.3067,
0.3276

■ 43.3166, 0.3067,
0.3276

359.9122, 0.3097,
0.3283

■ 30.1336, 0.3059,
0.3274

■ 80.1884, 0.3078,
0.3279

■ 19.9400, 0.3049,
0.3272

104.6460, 0.3082,
0.3280

■ 12.3515, 0.3036,
0.3268

133.6306, 0.3086,
0.3281

■ 6.9835, 0.3017,
0.3264

167.5266, 0.3089,
0.3281

■ 3.4518, 0.2988,
0.3256

206.7183, 0.3091,
0.3282

■ 1.3719, 0.2938,
0.3244

251.5902, 0.3094,

■ 0.1959, 0.2193,

0.3282

0.3074

302.5267, 0.3096,
0.3283

0.0000, 0.0000,
0.0000

43.3166, 0.3067,
0.3276

43.3166, 0.3067,
0.3276

40.4427, 0.2917,
0.3238

46.4827, 0.3220,
0.3310

37.8447, 0.2772,
0.3197

49.9456, 0.3373,
0.3341

35.5130, 0.2636,
0.3153

53.7169, 0.3524,
0.3369

33.4351, 0.2512,
0.3107

57.8058, 0.3672,
0.3393

31.5976, 0.2401,
0.3058

61.2594, 0.3774,
0.3416

■ 29.9859, 0.2307,
0.3008

■ 62.3860, 0.3766,
0.3443

■ 28.5834, 0.2232,
0.2957

■ 63.5324, 0.3758,
0.3470

■ 27.3713, 0.2175,
0.2906

■ 64.6988, 0.3750,
0.3496

■ 26.3267, 0.2136,
0.2856

■ 65.8853, 0.3742,
0.3523

Harmonies

Analogous

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



43.3166, 0.3085, 0.3305



43.3166, 0.3067, 0.3276



43.3166, 0.3065, 0.3251

Triad

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



43.3166, 0.3067, 0.3276



43.3166, 0.3139, 0.3250



43.3166, 0.3175, 0.3345

Complementary

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



43.3166, 0.3067, 0.3276



41.9174, 0.3190, 0.3304

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.



43.3166, 0.3190, 0.3330



43.3166, 0.3067, 0.3276



43.3166, 0.3169, 0.3275

Square

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



43.3166, 0.3067, 0.3276



43.3166, 0.3106, 0.3236



43.3166, 0.3188, 0.3304



43.3166, 0.3148, 0.3345

Rectangle

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



43.3166, 0.3067, 0.3276



43.3166, 0.3073, 0.3239



43.3166, 0.3188, 0.3304



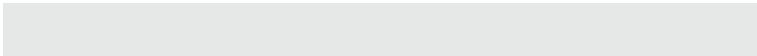
43.3166, 0.3182, 0.3341

Sweetspot

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



43.3184, 0.3067, 0.3276



80.1595, 0.3112, 0.3286



43.4829, 0.3115, 0.3373



17.7660, 0.3112, 0.3287



91.1408, 0.3127, 0.3290



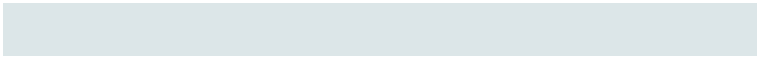
17.8868, 0.3127, 0.3290

Same Dimension

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



43.3184, 0.3067, 0.3276



77.9138, 0.3050, 0.3272



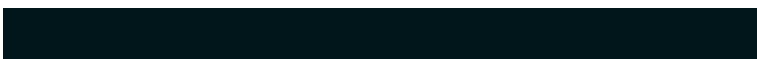
41.9791, 0.3068, 0.3229



9.6630, 0.3042, 0.3270



18.4873, 0.2120, 0.2831



0.6388, 0.2159, 0.2971

Inverse Universe

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



41.7656, 0.3140, 0.3209



74.3197, 0.3144, 0.3186



43.2413, 0.3187, 0.3350



9.1731, 0.3146, 0.3175



8.4064, 0.3606, 0.1760



0.2703, 0.3480, 0.1691

Previews

White Background



This preview shows how the Yxy color 43.3166, 0.3067, 0.3276 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 43.3166, 0.3067, 0.3276 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

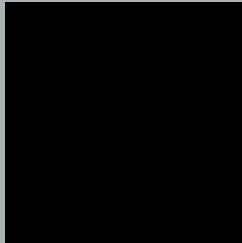
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

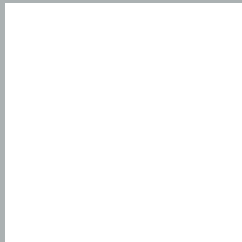
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 43.3166, 0.3067, 0.3276

Background



This preview shows how black text looks on a background with the Yxy color 43.3166, 0.3067, 0.3276.



This preview shows how white text looks on a background with the Yxy color 43.3166, 0.3067, 0.3276.

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

43.3166, 0.3067, 0.3276

Protanopia

43.2992, 0.3137, 0.3263

Deuteranopia

43.0805, 0.3242, 0.3174



Tritanopia

43.2183, 0.2998, 0.3104

Trichromacy



Original Color

43.3166, 0.3067, 0.3276

Protanomaly

43.3390, 0.3110, 0.3277

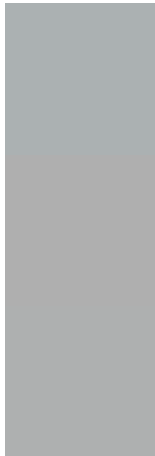
Deuteranomaly

43.3322, 0.3175, 0.3211

Tritanomaly

43.3241, 0.3021, 0.3169

Monochromacy



Original Color

43.3166, 0.3067, 0.3276

Achromatopsia

42.8690, 0.3127, 0.3290

Achromatomaly

43.1839, 0.3110, 0.3290

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.3166, 0.3067, 0.3276 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(171, 177, 178)` looks like.

```
.text, #text, p{  
    color:rgb(171, 177, 178)  
}
```

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(171, 177, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 177, 178) }
```

Border

The CSS property to change the border of an element to Yxy 43.3166, 0.3067, 0.3276 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(171, 177, 178) }
```

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

```
.border{ border-color:rgb(171, 177, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 177, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 177, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 177, 178);  
box-shadow:4px 4px 4px 4px rgb(171, 177,  
178) }
```


Background

The CSS property to change the background color of an element to Yxy 43.3166, 0.3067, 0.3276 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 177, 178) }
```

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

```
.background{ background-color: rgb(171,  
177, 178) }
```

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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