

Converting Colors

$Yxy(43.8177, 0.3111, 0.3394)$

Have a look what the booklet for
Yxy(43.8177, 0.3111, 0.3394)
contains.

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Color

Yxy(43.7648, 0.3105, 0.3386)

Conversions

Conversions Part 1

Format	Color
Hex	AAB3AC
RGB	170, 179, 172
RGB Percent	67%, 70%, 67%
CMY	0.3336, 0.2979, 0.3255
CMYK	0.05, 0.00, 0.04, 0.30
HSL	134°, 6%, 68%
HSV	134°, 5%, 70%
XYZ	40.1328, 43.7648, 45.3546
YIQ	175.5110, -3.1170, -4.0850

Conversions

Conversions Part 2

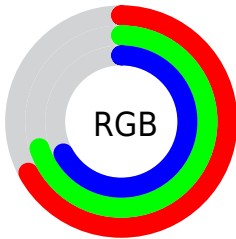
Format	Color
RYB	170, 177, 179
Decimal	11187116
CIELab	72.07, -4.51, 2.48
CIElCh	72, 5.145, 151.172
Yxy	43.7648, 0.3105, 0.3386
Android (android.graphics.Color)	4289377196 (0xFFAAB3AC)
YUV	175.5110, -1.7309, -4.8331
Hunter-Lab	66.1550, -7.4844, 5.6604

Details

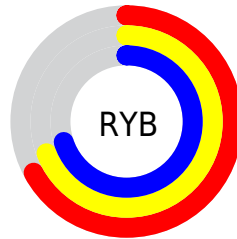
The Yxy color **43.7648, 0.3105, 0.3386** is a light color, and the websafe version is hex **999999**. A complement of this color would be **41.4860, 0.3150, 0.3196**, and the grayscale version is **43.1546, 0.3127, 0.3290**.

A 20% lighter version of the original color is **80.9703, 0.3110, 0.3374**, and **20.1293, 0.3098, 0.3404** is the 20% darker color. If you saturate the color by 10%, you get **41.4011, 0.3061, 0.3594**, and if you desaturate by 10%, it is **46.4595, 0.3148, 0.3203**.

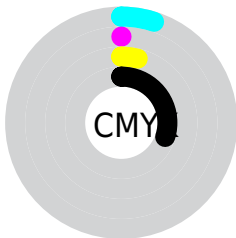
Distribution



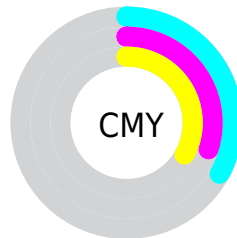
- Red (67%)
- Green (70%)
- Blue (67%)



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



- Cyan (5%)
- Magenta (0%)
- Yellow (4%)
- Black (30%)




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

Brightness & Saturation Gradients


These gradients show how the Yxy color 43.7648, 0.3105, 0.3386 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 43.7648, 0.3105, 0.3386 by changing the saturation by 10% instead.

 43.7648, 0.3105,
0.3386

 43.7648, 0.3105,
0.3386

361.7476, 0.3116,
0.3337

 30.4856, 0.3102,
0.3398


 80.8637, 0.3109,
0.3368

 20.2075, 0.3098,
0.3415


105.4523, 0.3111,
0.3361

 12.5460, 0.3093,
0.3437


134.5794, 0.3112,
0.3356

 7.1167, 0.3086,
0.3468

168.6295, 0.3113,
0.3351

 3.5352, 0.3074,
0.3516

207.9870, 0.3114,
0.3347

 1.4171, 0.3053,
0.3600

253.0362, 0.3115,

 0.2293, 0.2610,

0.3343


0.5547


304.1616, 0.3116,
0.3340


 0.0000, 0.0000,
0.0000

 43.7648, 0.3105,
0.3386


 43.7648, 0.3105,
0.3386

 41.4011, 0.3061,
0.3594


 46.4595, 0.3148,
0.3203


 39.3502, 0.3018,
0.3827

 49.4914, 0.3190,
0.3042


 37.6005, 0.2977,
0.4083

 52.8739, 0.3230,
0.2903

 36.1377, 0.2941,
0.4360

 56.6176, 0.3268,
0.2781

 34.9460, 0.2913,
0.4648

 59.8791, 0.3267,
0.2669

■ 34.0084, 0.2895,
0.4938

■ 60.7295, 0.3162,
0.2546

■ 33.3058, 0.2890,
0.5215

■ 32.8163, 0.2899,
0.5463

■ 32.5132, 0.2920,
0.5667

Harmonies

Analogous

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



43.7648, 0.3179, 0.3416



43.7648, 0.3105, 0.3386



43.7648, 0.3038, 0.3330

Triad

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



43.7648, 0.3105, 0.3386



43.7648, 0.3016, 0.3170



43.7648, 0.3262, 0.3315

Complementary

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



43.7648, 0.3105, 0.3386



41.4860, 0.3150, 0.3196

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.



43.7648, 0.3217, 0.3251



43.7648, 0.3105, 0.3386



43.7648, 0.3075, 0.3168

Square

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



43.7648, 0.3105, 0.3386



43.7648, 0.2986, 0.3204



43.7648, 0.3148, 0.3197



43.7648, 0.3270, 0.3374

Rectangle

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



43.7648, 0.3105, 0.3386



43.7648, 0.3005, 0.3285



43.7648, 0.3148, 0.3197



43.7648, 0.3251, 0.3293

Sweetspot

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



43.7667, 0.3105, 0.3386



79.7656, 0.3118, 0.3328



44.5029, 0.3183, 0.3412



17.6833, 0.3119, 0.3326



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.



43.7667, 0.3105, 0.3386



77.9011, 0.3100, 0.3406



43.9410, 0.3070, 0.3325



9.6721, 0.3099, 0.3415



22.9009, 0.2926, 0.5733



0.7294, 0.2776, 0.5193

Inverse Universe

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



41.4860, 0.3150, 0.3196



73.0250, 0.3155, 0.3177



41.3110, 0.3188, 0.3256



9.0251, 0.3157, 0.3169



8.0922, 0.3866, 0.1903



0.2627, 0.3649, 0.1784

Previews

White Background



This preview shows how the Yxy color 43.7648, 0.3105, 0.3386 looks on a white background.

Color Contrast Check

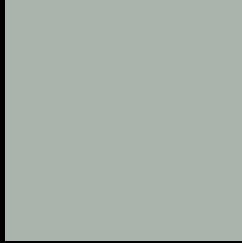
Large Text (above 18pt) WCAG AA × Fail

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 43.7648, 0.3105, 0.3386 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

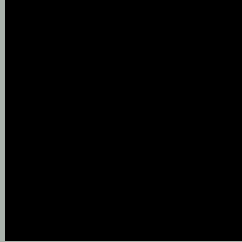
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

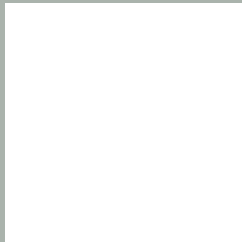
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 43.7648, 0.3105, 0.3386

Background



This preview shows how black text looks on a background with the Yxy color 43.7648, 0.3105, 0.3386.



This preview shows how white text looks on a background with the Yxy color 43.7648, 0.3105, 0.3386.

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

43.7648, 0.3105, 0.3386

Protanopia

43.7767, 0.3221, 0.3370

Deuteranopia

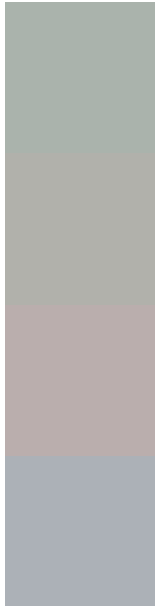
43.7839, 0.3321, 0.3252



Tritanopia

43.6526, 0.2990, 0.3104

Trichromacy



Original Color

43.7648, 0.3105, 0.3386

Protanomaly

43.7317, 0.3176, 0.3371

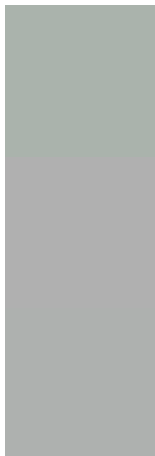
Deuteranomaly

43.7283, 0.3243, 0.3303

Tritanomaly

43.6338, 0.3036, 0.3209

Monochromacy



Original Color

43.7648, 0.3105, 0.3386

Achromatopsia

43.4154, 0.3127, 0.3290

Achromatomaly

43.5381, 0.3117, 0.3317

CSS Examples

Text

The CSS property to change the color of the text to Yxy 43.7648, 0.3105, 0.3386 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(170, 179, 172)` looks like.

```
.text, #text, p{  
    color:rgb(170, 179, 172)  
}
```

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(170, 179, 172) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 179, 172) }
```

Border

The CSS property to change the border of an element to Yxy 43.7648, 0.3105, 0.3386 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(170, 179, 172) }
```

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

```
.border{ border-color:rgb(170, 179, 172) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 179, 172)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 179, 172); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 179, 172);  
box-shadow:4px 4px 4px 4px rgb(170, 179,  
172) }
```


Background

The CSS property to change the background color of an element to Yxy 43.7648, 0.3105, 0.3386 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 179, 172) }
```

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

```
.background{ background-color: rgb(170,  
179, 172) }
```

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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