

Converting Colors

$Yxy(48.5502, 0.3021, 0.3455)$

Have a look what the booklet for
Yxy(48.5502, 0.3021, 0.3455)
contains.

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Color

Yxy(48.6233, 0.3016, 0.3451)

Conversions

Conversions Part 1

Format	Color
Hex	A6BFB3
RGB	166, 191, 179
RGB Percent	65%, 75%, 70%
CMY	0.3489, 0.2510, 0.2981
CMYK	0.13, 0.00, 0.06, 0.25
HSL	151°, 16%, 70%
HSV	151°, 13%, 75%
XYZ	42.4943, 48.6233, 49.7786
YIQ	182.1570, -11.0480, -9.0320

Conversions

Conversions Part 2

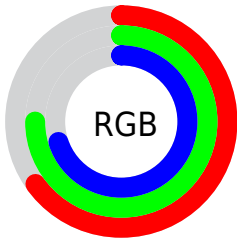
Format	Color
RYB	166, 182, 191
Decimal	10928051
CIELab	75.22, -10.85, 3.20
CIELCh	75, 11.309, 163.577
Yxy	48.6233, 0.3016, 0.3451
Android (android.graphics.Color)	4289118131 (0xFFA6BFB3)
YUV	182.1570, -1.5564, -14.1697
Hunter-Lab	69.7304, -13.2488, 6.4858

Details

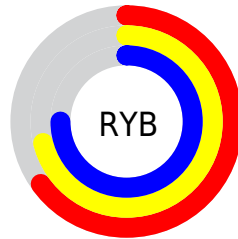
The Yxy color **48.6233, 0.3016, 0.3451** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **41.5733, 0.3255, 0.3134**, and the grayscale version is **46.8842, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.8918, 0.3033, 0.3414**, and **23.2607, 0.2988, 0.3512** is the 20% darker color. If you saturate the color by 10%, you get **46.3520, 0.2934, 0.3590**, and if you desaturate by 10%, it is **51.2301, 0.3101, 0.3326**.

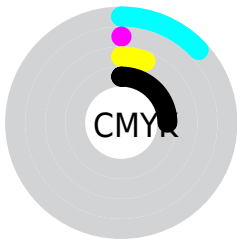
Distribution



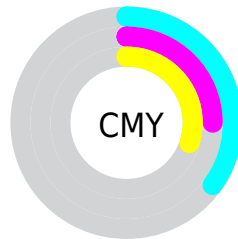
- Red (65%)
- Green (75%)
- Blue (70%)



- Red (65%)
- Yellow (71%)
- Blue (75%)



- Cyan (13%)
- Magenta (0%)
- Yellow (6%)
- Black (25%)





- Cyan (35%)
- Magenta (25%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 48.6233, 0.3016, 0.3451 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 48.6233, 0.3016, 0.3451 by changing the saturation by 10% instead.


 48.6233, 0.3016,
0.3451


 48.6233, 0.3016,
0.3451


381.2574, 0.3072,
0.3370

 34.3208, 0.3002,
0.3471


 88.1317, 0.3036,
0.3422

 23.1401, 0.2984,
0.3497


 114.1064, 0.3044,
0.3411

 14.6970, 0.2960,
0.3533


144.7405, 0.3050,
0.3401

 8.6070, 0.2927,
0.3582

180.4186, 0.3056,
0.3393

 4.4858, 0.2877,
0.3656

221.5249, 0.3061,
0.3386

 1.9488, 0.2793,
0.3781

268.4439, 0.3065,

 0.5775, 0.2242,

0.3380

0.4559

321.5599, 0.3068,
0.3375

0.0000, 0.0000,
0.0000

48.6233, 0.3016,
0.3451

48.6233, 0.3016,
0.3451

46.3520, 0.2934,
0.3590

51.2301, 0.3101,
0.3326

44.3962, 0.2858,
0.3743

54.1793, 0.3187,
0.3214

42.7428, 0.2791,
0.3909

57.4853, 0.3272,
0.3115

41.3757, 0.2736,
0.4086

61.1600, 0.3355,
0.3028

40.2771, 0.2696,
0.4270

63.9564, 0.3384,
0.2946

■ 39.4272, 0.2673,
0.4458

■ 64.4718, 0.3312,
0.2857

■ 38.8031, 0.2671,
0.4646

■ 65.0148, 0.3242,
0.2770

■ 38.3778, 0.2688,
0.4827

■ 65.5856, 0.3174,
0.2685

■ 38.1639, 0.2708,
0.4948

■ 65.7424, 0.3157,
0.2663

Harmonies

Analogous

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



48.6233, 0.3171, 0.3543



48.6233, 0.3016, 0.3451



48.6233, 0.2893, 0.3314

Triad

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



48.6233, 0.3016, 0.3451



48.6233, 0.2936, 0.3027



48.6233, 0.3432, 0.3395

Complementary

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



48.6233, 0.3016, 0.3451



41.5733, 0.3255, 0.3134

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.



48.6233, 0.3366, 0.3260



48.6233, 0.3016, 0.3451



48.6233, 0.3077, 0.3052

Square

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



48.6233, 0.3016, 0.3451



48.6233, 0.2847, 0.3070



48.6233, 0.3235, 0.3137



48.6233, 0.3414, 0.3506

Rectangle

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



48.6233, 0.3016, 0.3451



48.6233, 0.2844, 0.3218



48.6233, 0.3235, 0.3137



48.6233, 0.3419, 0.3351

Sweetspot

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



48.6253, 0.3016, 0.3451



91.2650, 0.3092, 0.3338



49.4926, 0.3211, 0.3620



19.9592, 0.3086, 0.3347



97.7402, 0.3127, 0.3290



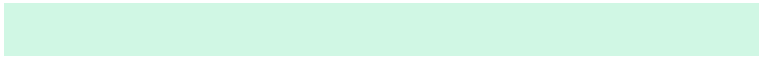
20.4902, 0.3127, 0.3290

Same Dimension

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



48.6253, 0.3016, 0.3451



85.7307, 0.2990, 0.3494



48.9521, 0.2930, 0.3284



10.7300, 0.3047, 0.3403



25.0966, 0.2701, 0.4925



0.9962, 0.2582, 0.4497

Inverse Universe

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



41.5733, 0.3255, 0.3134



70.3762, 0.3291, 0.3095



41.2626, 0.3362, 0.3296



9.6108, 0.3215, 0.3180



7.8028, 0.5012, 0.2535



0.3189, 0.4469, 0.2236

Previews

White Background



This preview shows how the Yxy color 48.6233, 0.3016, 0.3451 looks on a white background.

Color Contrast Check

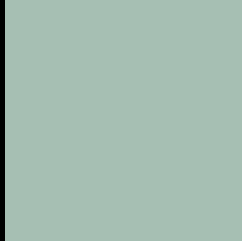
Large Text (above 18pt) WCAG AA × Fail

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 48.6233, 0.3016, 0.3451 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

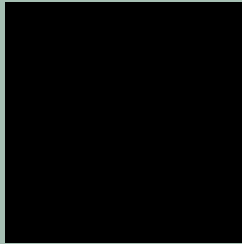
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

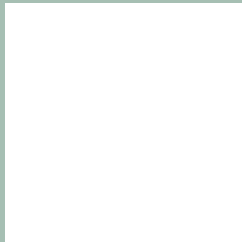
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 48.6233, 0.3016, 0.3451

Background



This preview shows how black text looks on a background with the Yxy color 48.6233, 0.3016, 0.3451.



This preview shows how white text looks on a background with the Yxy color 48.6233, 0.3016, 0.3451.

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

48.6233, 0.3016, 0.3451

Protanopia

48.3233, 0.3250, 0.3406

Deuteranopia

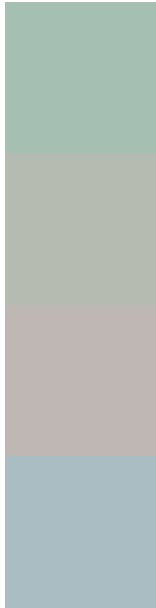
48.4138, 0.3330, 0.3266



Tritanopia

48.7768, 0.2882, 0.3109

Trichromacy



Original Color

48.6233, 0.3016, 0.3451

Protanomaly

48.4990, 0.3162, 0.3434

Deuteranomaly

48.1094, 0.3211, 0.3329

Tritanomaly

48.7253, 0.2931, 0.3224

Monochromacy



Original Color

48.6233, 0.3016, 0.3451

Achromatopsia

46.7784, 0.3127, 0.3290

Achromatomaly

47.2642, 0.3083, 0.3343

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.6233, 0.3016, 0.3451 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(166, 191, 179)` looks like.

```
.text, #text, p{  
    color:rgb(166, 191, 179)  
}
```

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(166, 191, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(166, 191, 179) }
```

Border

The CSS property to change the border of an element to Yxy 48.6233, 0.3016, 0.3451 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(166, 191, 179) }
```

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

```
.border{ border-color:rgb(166, 191, 179) }
```

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

Here you see how a box with a 4 pixel `rgb(166, 191, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(166, 191, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(166, 191, 179);  
box-shadow:4px 4px 4px 4px rgb(166, 191,  
179) }
```


Background

The CSS property to change the background color of an element to Yxy 48.6233, 0.3016, 0.3451 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(166, 191, 179) }
```

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

```
.background{ background-color: rgb(166,  
191, 179) }
```

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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