

Converting Colors

Yxy(52.3123, 0.3080, 0.3310)

Have a look what the booklet for
Yxy(52.3123, 0.3080, 0.3310)
contains.

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Color

Yxy(52.3406, 0.3086, 0.3315)

Conversions

Conversions Part 1

Format	Color
Hex	BAC1BF
RGB	186, 193, 191
RGB Percent	73%, 76%, 75%
CMY	0.2706, 0.2431, 0.2510
CMYK	0.04, 0.00, 0.01, 0.24
HSL	163°, 5%, 74%
HSV	163°, 4%, 76%
XYZ	48.7249, 52.3406, 56.8247
YIQ	190.6790, -3.5300, -2.1060

Conversions

Conversions Part 2

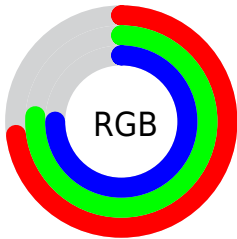
Format	Color
RYB	186, 190, 193
Decimal	12239295
CIELab	77.48, -2.78, 0.16
CIELCh	77, 2.786, 176.790
Yxy	52.3406, 0.3086, 0.3315
Android (android.graphics.Color)	4290429375 (0xFFBAC1BF)
YUV	190.6790, 0.1583, -4.1035
Hunter-Lab	72.3468, -6.3888, 4.0735

Details

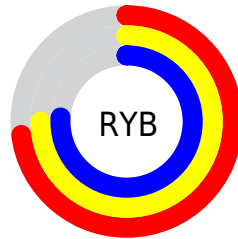
The Yxy color **52.3406, 0.3086, 0.3315** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **50.0905, 0.3170, 0.3265**, and the grayscale version is **51.9071, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.3440, 0.3095, 0.3310**, and **25.5777, 0.3072, 0.3324** is the 20% darker color. If you saturate the color by 10%, you get **49.8478, 0.2975, 0.3389**, and if you desaturate by 10%, it is **55.1736, 0.3200, 0.3248**.

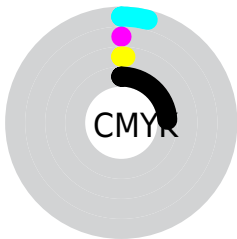
Distribution



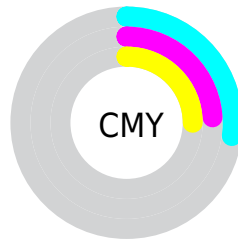
- Red (73%)
- Green (76%)
- Blue (75%)



- Red (73%)
- Yellow (75%)
- Blue (76%)



- Cyan (4%)
- Magenta (0%)
- Yellow (1%)
- Black (24%)



- Cyan (27%)
- Magenta (24%)
- Yellow (25%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 52.3406, 0.3086, 0.3315 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 52.3406, 0.3086, 0.3315 by changing the saturation by 10% instead.

■ 52.3406, 0.3086,
0.3315

■ 52.3406, 0.3086,
0.3315

■ 395.7501, 0.3106,
0.3303

■ 37.2766, 0.3081,
0.3318

■ 93.6334, 0.3093,
0.3311

■ 25.4217, 0.3075,
0.3322

■ 120.6309, 0.3096,
0.3309

■ 16.3916, 0.3066,
0.3327

■ 152.3752, 0.3098,
0.3308

■ 9.8016, 0.3055,
0.3334

■ 189.2505, 0.3100,
0.3306

■ 5.2676, 0.3039,
0.3344

■ 231.6412, 0.3102,
0.3305

■ 2.4051, 0.3012,
0.3360

■ 279.9318, 0.3104,


■ 0.8285, 0.2950,


0.3304


0.3397


334.5066, 0.3105,
0.3304


 0.0000, 0.0000,
0.0000


 52.3406, 0.3086,
0.3315


 52.3406, 0.3086,
0.3315


 49.8478, 0.2975,
0.3389


 55.1736, 0.3200,
0.3248


 47.6753, 0.2869,
0.3471


 58.3523, 0.3315,
0.3189

 45.8114, 0.2771,
0.3559

 61.8909, 0.3429,
0.3136

 44.2412, 0.2685,
0.3654

 64.2099, 0.3475,
0.3085

 42.9482, 0.2613,
0.3755

 64.4953, 0.3431,
0.3029

■ 41.9147, 0.2557,
0.3860

■ 64.7904, 0.3388,
0.2975

■ 41.1205, 0.2520,
0.3967

■ 65.0953, 0.3344,
0.2920

■ 40.5426, 0.2503,
0.4075

■ 65.4100, 0.3302,
0.2867

■ 40.1532, 0.2506,
0.4182

■ 65.7345, 0.3260,
0.2815

Harmonies

Analogous

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



52.3406, 0.3122, 0.3342



52.3406, 0.3086, 0.3315



52.3406, 0.3061, 0.3281

Triad

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



52.3406, 0.3086, 0.3315



52.3406, 0.3095, 0.3226



52.3406, 0.3201, 0.3329

Complementary

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



52.3406, 0.3086, 0.3315



50.0905, 0.3170, 0.3265

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.



52.3406, 0.3193, 0.3298



52.3406, 0.3086, 0.3315



52.3406, 0.3133, 0.3239

Square

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



52.3406, 0.3086, 0.3315



52.3406, 0.3067, 0.3230



52.3406, 0.3169, 0.3266



52.3406, 0.3188, 0.3350

Rectangle

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



52.3406, 0.3086, 0.3315



52.3406, 0.3055, 0.3260



52.3406, 0.3169, 0.3266



52.3406, 0.3200, 0.3320

Sweetspot

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



52.3428, 0.3086, 0.3315



95.0073, 0.3116, 0.3297



52.3915, 0.3140, 0.3378



20.3877, 0.3116, 0.3297



97.7402, 0.3127, 0.3290



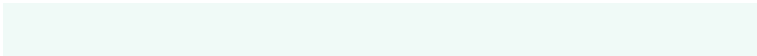
20.4902, 0.3127, 0.3290

Same Dimension

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



52.3428, 0.3086, 0.3315



93.5354, 0.3081, 0.3318



51.8160, 0.3072, 0.3272



11.6447, 0.3074, 0.3323



26.5979, 0.2510, 0.4236



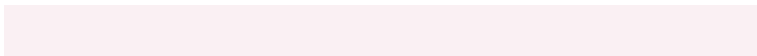
1.1606, 0.2444, 0.3999

Inverse Universe

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



50.0905, 0.3170, 0.3265



89.0260, 0.3175, 0.3262



50.5971, 0.3185, 0.3308



10.9979, 0.3183, 0.3258



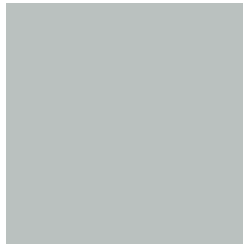
7.7378, 0.5785, 0.2961



0.3466, 0.5128, 0.2599

Previews

White Background



This preview shows how the Yxy color 52.3406, 0.3086, 0.3315 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 52.3406, 0.3086, 0.3315 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

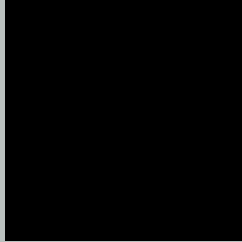
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

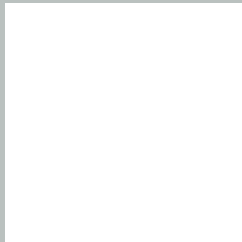
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 52.3406, 0.3086, 0.3315

Background



This preview shows how black text looks on a background with the Yxy color 52.3406, 0.3086, 0.3315.



This preview shows how white text looks on a background with the Yxy color 52.3406, 0.3086, 0.3315.

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

52.3406, 0.3086, 0.3315

Protanopia

52.1031, 0.3176, 0.3303

Deuteranopia

52.1035, 0.3267, 0.3195



Tritanopia

52.4092, 0.2993, 0.3105

Trichromacy



Original Color

52.3406, 0.3086, 0.3315

Protanomaly

52.1858, 0.3143, 0.3302

Deuteranomaly

52.1897, 0.3204, 0.3242

Tritanomaly

52.4811, 0.3021, 0.3178

Monochromacy



Original Color

52.3406, 0.3086, 0.3315

Achromatopsia

52.0996, 0.3127, 0.3290

Achromatomaly

52.2797, 0.3110, 0.3302

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.3406, 0.3086, 0.3315 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(186, 193, 191)` looks like.

```
.text, #text, p{  
    color:rgb(186, 193, 191)  
}
```

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(186, 193, 191) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 193, 191) }
```

Border

The CSS property to change the border of an element to Yxy 52.3406, 0.3086, 0.3315 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(186, 193, 191) }
```

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

```
.border{ border-color:rgb(186, 193, 191) }
```

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

Here you see how a box with a 4 pixel `rgb(186, 193, 191)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(186, 193, 191); -webkit-box-  
shadow:4px 4px 4px 4px rgb(186, 193, 191);  
box-shadow:4px 4px 4px 4px rgb(186, 193,  
191) }
```


Background

The CSS property to change the background color of an element to Yxy 52.3406, 0.3086, 0.3315 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 193, 191) }
```

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

```
.background{ background-color: rgb(186,  
193, 191) }
```

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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