

Converting Colors

Yxy(50.4243, 0.3104, 0.3410)

Have a look what the booklet for
Yxy(50.4243, 0.3104, 0.3410)
contains.

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Color

Yxy(50.3423, 0.3105, 0.3406)

Conversions

Conversions Part 1

Format	Color
Hex	B4BFB6
RGB	180, 191, 182
RGB Percent	71%, 75%, 71%
CMY	0.2942, 0.2509, 0.2862
CMYK	0.06, 0.00, 0.05, 0.25
HSL	131°, 8%, 73%
HSV	131°, 6%, 75%
XYZ	45.8934, 50.3423, 51.5691
YIQ	186.6850, -3.6670, -5.1310

Conversions

Conversions Part 2

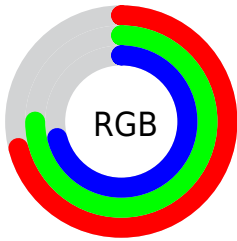
Format	Color
RYB	180, 189, 191
Decimal	11845558
CIELab	76.28, -5.49, 3.20
CIELCh	76, 6.360, 149.751
Yxy	50.3423, 0.3105, 0.3406
Android (android.graphics.Color)	4290035638 (0xFFB4BFB6)
YUV	186.6850, -2.3097, -5.8627
Hunter-Lab	70.9523, -8.7092, 6.5739

Details

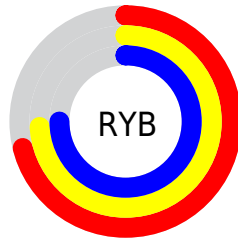
The Yxy color **50.3423, 0.3105, 0.3406** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **47.3797, 0.3150, 0.3177**, and the grayscale version is **49.5215, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.5274, 0.3110, 0.3381**, and **24.2740, 0.3098, 0.3449** is the 20% darker color. If you saturate the color by 10%, you get **47.6009, 0.3066, 0.3628**, and if you desaturate by 10%, it is **53.4752, 0.3143, 0.3211**.

Distribution



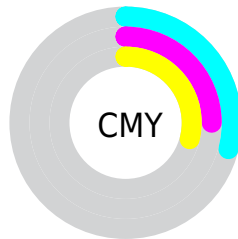
- Red (71%)
- Green (75%)
- Blue (71%)



- Red (71%)
- Yellow (74%)
- Blue (75%)



- Cyan (6%)
- Magenta (0%)
- Yellow (5%)
- Black (25%)




- Cyan (29%)
- Magenta (25%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.3423, 0.3105, 0.3406 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 50.3423, 0.3105, 0.3406 by changing the saturation by 10% instead.


 50.3423, 0.3105,
0.3406

 50.3423, 0.3105,
0.3406


388.0030, 0.3116,
0.3348

 35.6855, 0.3102,
0.3420


 90.6818, 0.3109,
0.3385

 24.1914, 0.3099,
0.3439

117.1333, 0.3111,
0.3377

 15.4756, 0.3094,
0.3463


148.2851, 0.3112,
0.3371

 9.1539, 0.3087,
0.3497

184.5217, 0.3113,
0.3365

 4.8417, 0.3076,
0.3548

226.2273, 0.3114,
0.3360

 2.1547, 0.3059,
0.3632

273.7865, 0.3115,

 0.6951, 0.3001,

0.3356

0.3962

327.5836, 0.3116,
0.3352

0.0000, 0.0000,
0.0000

50.3423, 0.3105,
0.3406

50.3423, 0.3105,
0.3406

47.6009, 0.3066,
0.3628

53.4752, 0.3143,
0.3211

45.2293, 0.3028,
0.3876

57.0075, 0.3180,
0.3040

43.2137, 0.2992,
0.4149

60.9548, 0.3214,
0.2892

41.5365, 0.2960,
0.4442

65.0688, 0.3236,
0.2762

40.1790, 0.2935,
0.4746

65.7463, 0.3157,
0.2663

■ 39.1205, 0.2920,
0.5047

■ 38.3378, 0.2916,
0.5327

■ 37.8042, 0.2924,
0.5570

■ 37.4868, 0.2944,
0.5760

Harmonies

Analogous

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



50.3423, 0.3192, 0.3440



50.3423, 0.3105, 0.3406



50.3423, 0.3025, 0.3340

Triad

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



50.3423, 0.3105, 0.3406



50.3423, 0.2993, 0.3150



50.3423, 0.3285, 0.3316

Complementary

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



50.3423, 0.3105, 0.3406



47.3797, 0.3150, 0.3177

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.



50.3423, 0.3230, 0.3240



50.3423, 0.3105, 0.3406



50.3423, 0.3061, 0.3145

Square

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



50.3423, 0.3105, 0.3406



50.3423, 0.2961, 0.3192



50.3423, 0.3148, 0.3178



50.3423, 0.3296, 0.3386

Rectangle

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



50.3423, 0.3105, 0.3406



50.3423, 0.2986, 0.3288



50.3423, 0.3148, 0.3178



50.3423, 0.3271, 0.3290

Sweetspot

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



50.3445, 0.3105, 0.3406



92.1752, 0.3119, 0.3330



51.3774, 0.3195, 0.3430



20.2531, 0.3120, 0.3328



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.



50.3445, 0.3105, 0.3406



89.4631, 0.3100, 0.3434



50.5758, 0.3064, 0.3335



10.7926, 0.3098, 0.3442



24.5790, 0.2946, 0.5806



0.9717, 0.2827, 0.5377

Inverse Universe

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



47.3797, 0.3150, 0.3177



82.9902, 0.3156, 0.3150



47.1460, 0.3194, 0.3246



9.9719, 0.3157, 0.3143



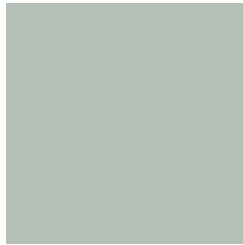
8.8537, 0.3738, 0.1833



0.3549, 0.3590, 0.1752

Previews

White Background



This preview shows how the Yxy color 50.3423, 0.3105, 0.3406 looks on a white background.

Color Contrast Check

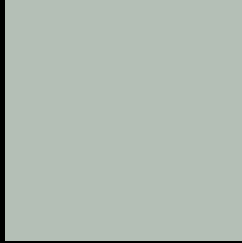
Large Text (above 18pt) WCAG AA × Fail

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 50.3423, 0.3105, 0.3406 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

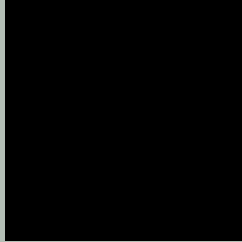
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

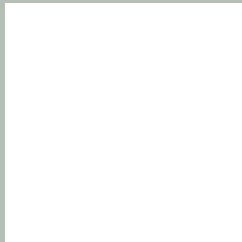
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 50.3423, 0.3105, 0.3406

Background



This preview shows how black text looks on a background with the Yxy color 50.3423, 0.3105, 0.3406.



This preview shows how white text looks on a background with the Yxy color 50.3423, 0.3105, 0.3406.

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

50.3423, 0.3105, 0.3406

Protanopia

50.1734, 0.3232, 0.3378

Deuteranopia

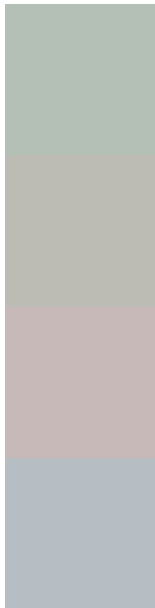
50.3265, 0.3336, 0.3266



Tritanopia

50.3455, 0.2975, 0.3102

Trichromacy



Original Color

50.3423, 0.3105, 0.3406

Protanomaly

49.9940, 0.3181, 0.3379

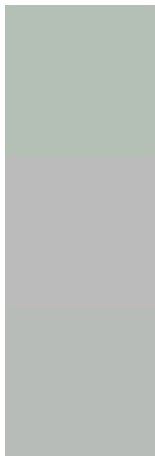
Deuteranomaly

50.1226, 0.3253, 0.3315

Tritanomaly

50.2804, 0.3026, 0.3214

Monochromacy



Original Color

50.3423, 0.3105, 0.3406

Achromatopsia

49.6933, 0.3127, 0.3290

Achromatomaly

49.6596, 0.3117, 0.3328

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.3423, 0.3105, 0.3406 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(180, 191, 182)` looks like.

```
.text, #text, p{  
    color:rgb(180, 191, 182)  
}
```

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(180, 191, 182) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 191, 182) }
```

Border

The CSS property to change the border of an element to Yxy 50.3423, 0.3105, 0.3406 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(180, 191, 182) }
```

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

```
.border{ border-color:rgb(180, 191, 182) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 191, 182)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 191, 182); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 191, 182);  
box-shadow:4px 4px 4px 4px rgb(180, 191,  
182) }
```


Background

The CSS property to change the background color of an element to Yxy 50.3423, 0.3105, 0.3406 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 191, 182) }
```

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

```
.background{ background-color: rgb(180,  
191, 182) }
```

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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