

Converting Colors

Yxy(50.2343, 0.3022, 0.3429)

Have a look what the booklet for
Yxy(50.2343, 0.3022, 0.3429)
contains.

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Color

Yxy(50.1049, 0.3018, 0.3421)

Conversions

Conversions Part 1

Format	Color
Hex	AAC1B7
RGB	170, 193, 183
RGB Percent	67%, 76%, 72%
CMY	0.3332, 0.2432, 0.2822
CMYK	0.12, 0.00, 0.05, 0.24
HSL	154°, 16%, 71%
HSV	154°, 12%, 76%
XYZ	44.2025, 50.1049, 52.1554
YIQ	184.9830, -10.4980, -7.9860

Conversions

Conversions Part 2

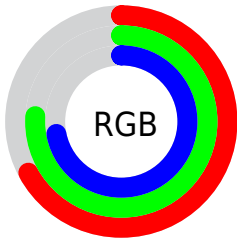
Format	Color
RYB	170, 185, 193
Decimal	11190711
CIELab	76.13, -9.75, 2.36
CIELCh	76, 10.028, 166.361
Yxy	50.1049, 0.3018, 0.3421
Android (android.graphics.Color)	4289380791 (0xFFAAC1B7)
YUV	184.9830, -0.9776, -13.1401
Hunter-Lab	70.7848, -12.4069, 5.8636

Details

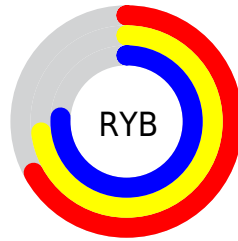
The Yxy color **50.1049, 0.3018, 0.3421** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **43.3948, 0.3251, 0.3163**, and the grayscale version is **48.5207, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.9909, 0.3035, 0.3392**, and **23.9285, 0.2992, 0.3453** is the 20% darker color. If you saturate the color by 10%, you get **47.7724, 0.2930, 0.3545**, and if you desaturate by 10%, it is **52.7781, 0.3110, 0.3310**.

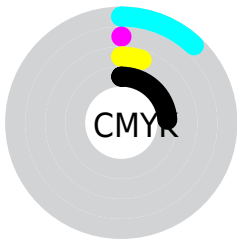
Distribution



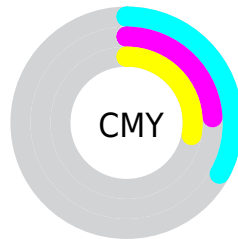
- Red (67%)
- Green (76%)
- Blue (72%)



- Red (67%)
- Yellow (73%)
- Blue (76%)



- Cyan (12%)
- Magenta (0%)
- Yellow (5%)
- Black (24%)





- Cyan (33%)
- Magenta (24%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.1049, 0.3018, 0.3421 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 50.1049, 0.3018, 0.3421 by changing the saturation by 10% instead.


 50.1049, 0.3018,
0.3421

 50.1049, 0.3018,
0.3421


387.0760, 0.3072,
0.3356

 35.4968, 0.3005,
0.3437


 90.3303, 0.3038,
0.3397

 24.0458, 0.2987,
0.3458


116.7163, 0.3045,
0.3388

 15.3676, 0.2964,
0.3486


147.7971, 0.3051,
0.3381

 9.0778, 0.2933,
0.3525

183.9570, 0.3057,
0.3374

 4.7919, 0.2886,
0.3582

225.5805, 0.3061,
0.3369

 2.1257, 0.2809,
0.3678

273.0519, 0.3065,

 0.6790, 0.2454,

0.3364

0.4089

326.7556, 0.3069,
0.3360

0.0000, 0.0000,
0.0000

50.1049, 0.3018,
0.3421

50.1049, 0.3018,
0.3421

47.7724, 0.2930,
0.3545

52.7781, 0.3110,
0.3310

45.7604, 0.2847,
0.3680

55.7990, 0.3202,
0.3210

44.0557, 0.2774,
0.3827

59.1821, 0.3295,
0.3122

42.6421, 0.2713,
0.3984

62.9393, 0.3385,
0.3045

41.5018, 0.2667,
0.4149

64.8286, 0.3381,
0.2967

■ 40.6147, 0.2638,
0.4318

■ 65.2970, 0.3317,
0.2885

■ 39.9581, 0.2630,
0.4487

■ 65.7881, 0.3253,
0.2805

■ 39.5050, 0.2642,
0.4653

■ 66.3022, 0.3191,
0.2728

■ 39.2457, 0.2662,
0.4784

■ 66.6169, 0.3156,
0.2683

Harmonies

Analogous

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



50.1049, 0.3153, 0.3506



50.1049, 0.3018, 0.3421



50.1049, 0.2913, 0.3299

Triad

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



50.1049, 0.3018, 0.3421



50.1049, 0.2969, 0.3058



50.1049, 0.3396, 0.3393

Complementary

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



50.1049, 0.3018, 0.3421



43.3948, 0.3251, 0.3163

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.



50.1049, 0.3345, 0.3275



50.1049, 0.3018, 0.3421



50.1049, 0.3096, 0.3085

Square

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



50.1049, 0.3018, 0.3421



50.1049, 0.2886, 0.3091



50.1049, 0.3234, 0.3164



50.1049, 0.3374, 0.3487

Rectangle

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



50.1049, 0.3018, 0.3421



50.1049, 0.2874, 0.3216



50.1049, 0.3234, 0.3164



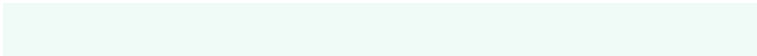
50.1049, 0.3387, 0.3355

Sweetspot

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



50.1070, 0.3018, 0.3421



93.4444, 0.3090, 0.3333



50.7879, 0.3197, 0.3590



19.9665, 0.3083, 0.3341



97.7402, 0.3127, 0.3290



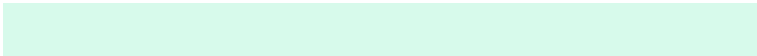
20.4902, 0.3127, 0.3290

Same Dimension

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



50.1070, 0.3018, 0.3421



88.7247, 0.2997, 0.3449



50.0314, 0.2947, 0.3275



11.3522, 0.3041, 0.3392



26.1214, 0.2656, 0.4763



1.1423, 0.2555, 0.4399

Inverse Universe

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



43.3948, 0.3251, 0.3163



74.5815, 0.3279, 0.3137



43.4355, 0.3337, 0.3305



10.1489, 0.3222, 0.3190



7.9797, 0.5213, 0.2645



0.3586, 0.4655, 0.2338

Previews

White Background



This preview shows how the Yxy color 50.1049, 0.3018, 0.3421 looks on a white background.

Color Contrast Check

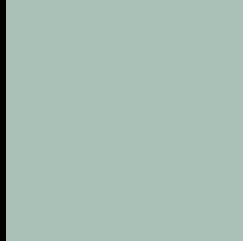
Large Text (above 18pt) WCAG AA × Fail

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 50.1049, 0.3018, 0.3421 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

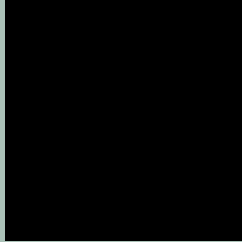
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 50.1049, 0.3018, 0.3421

Background



This preview shows how black text looks on a background with the Yxy color 50.1049, 0.3018, 0.3421.

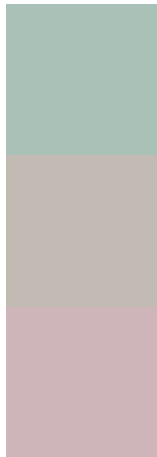


This preview shows how white text looks on a background with the Yxy color 50.1049, 0.3018, 0.3421.

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

50.1049, 0.3018, 0.3421

Protanopia

50.1328, 0.3240, 0.3391

Deuteranopia

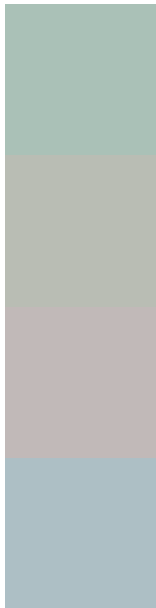
49.6723, 0.3311, 0.3242



Tritanopia

50.2334, 0.2892, 0.3099

Trichromacy



Original Color

50.1049, 0.3018, 0.3421

Protanomaly

50.0048, 0.3163, 0.3406

Deuteranomaly

49.4961, 0.3203, 0.3303

Tritanomaly

50.1771, 0.2941, 0.3212

Monochromacy



Original Color

50.1049, 0.3018, 0.3421

Achromatopsia

48.5150, 0.3127, 0.3290

Achromatomaly

49.1304, 0.3092, 0.3342

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.1049, 0.3018, 0.3421 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, 193, 183)` looks like.

```
.text, #text, p{  
    color:rgb(170, 193, 183)  
}
```

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, 193, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 193, 183) }
```

Border

The CSS property to change the border of an element to Yxy 50.1049, 0.3018, 0.3421 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, 193, 183) }
```

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

```
.border{ border-color:rgb(170, 193, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(170, 193, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(170, 193, 183); -webkit-box-shadow:4px 4px 4px 4px rgb(170, 193, 183); box-shadow:4px 4px 4px 4px rgb(170, 193, 183) }
```


Background

The CSS property to change the background color of an element to Yxy 50.1049, 0.3018, 0.3421 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 193, 183) }
```

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

```
.background{ background-color: rgb(170,  
193, 183) }
```

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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