

Converting Colors

$Yxy(49.3954, 0.3068, 0.3458)$

Have a look what the booklet for
Yxy(49.3954, 0.3068, 0.3458)
contains.

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Color

Yxy(49.2869, 0.3063, 0.3449)

Conversions

Conversions Part 1

Format	Color
Hex	ACBFB3
RGB	172, 191, 179
RGB Percent	67%, 75%, 70%
CMY	0.3257, 0.2509, 0.2981
CMYK	0.10, 0.00, 0.06, 0.25
HSL	142°, 13%, 71%
HSV	142°, 10%, 75%
XYZ	43.7709, 49.2869, 49.8442
YIQ	183.9510, -7.4720, -7.7600

Conversions

Conversions Part 2

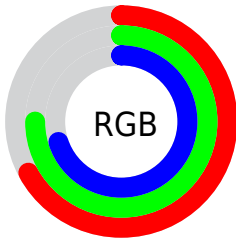
Format	Color
RYB	172, 186, 191
Decimal	11321267
CIELab	75.63, -8.84, 3.84
CIELCh	76, 9.637, 156.504
Yxy	49.2869, 0.3063, 0.3449
Android (android.graphics.Color)	4289511347 (0xFFACBFB3)
YUV	183.9510, -2.4408, -10.4810
Hunter-Lab	70.2046, -11.5677, 7.0482

Details

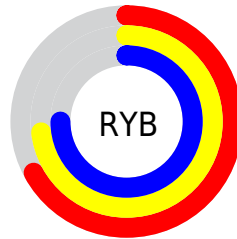
The Yxy color **49.2869, 0.3063, 0.3449** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **44.0251, 0.3197, 0.3136**, and the grayscale version is **47.9172, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.8506, 0.3071, 0.3413**, and **23.6764, 0.3052, 0.3508** is the 20% darker color. If you saturate the color by 10%, you get **46.8148, 0.3000, 0.3628**, and if you desaturate by 10%, it is **52.1165, 0.3127, 0.3290**.

Distribution



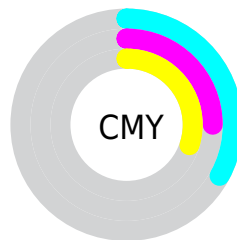
- Red (67%)
- Green (75%)
- Blue (70%)



- Red (67%)
- Yellow (73%)
- Blue (75%)



- Cyan (10%)
- Magenta (0%)
- Yellow (6%)
- Black (25%)





- Cyan (33%)
- Magenta (25%)
- Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 49.2869, 0.3063, 0.3449 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 49.2869, 0.3063, 0.3449 by changing the saturation by 10% instead.


 49.2869, 0.3063,
0.3449

 49.2869, 0.3063,
0.3449


383.8707, 0.3095,
0.3369

 34.8471, 0.3055,
0.3469


 89.1174, 0.3075,
0.3420

 23.5451, 0.3044,
0.3495


115.2769, 0.3079,
0.3409

 14.9965, 0.3030,
0.3529


146.1118, 0.3083,
0.3400

 8.8170, 0.3011,
0.3577

182.0065, 0.3086,
0.3392

 4.6220, 0.2981,
0.3650

223.3453, 0.3089,
0.3385

 2.0272, 0.2931,
0.3771

270.5127, 0.3091,

 0.6232, 0.2671,

0.3379

0.4421

323.8930, 0.3093,
0.3374

0.0000, 0.0000,
0.0000

49.2869, 0.3063,
0.3449

49.2869, 0.3063,
0.3449

46.8148, 0.3000,
0.3628

52.1165, 0.3127,
0.3290

44.6796, 0.2940,
0.3826

55.3107, 0.3191,
0.3149

42.8682, 0.2886,
0.4043

58.8844, 0.3253,
0.3026

41.3641, 0.2841,
0.4274

62.8497, 0.3313,
0.2918

40.1492, 0.2808,
0.4516

64.7779, 0.3273,
0.2808

■ 39.2038, 0.2790,
0.4761

■ 65.5157, 0.3183,
0.2697

■ 38.5052, 0.2790,
0.4999

■ 65.7500, 0.3157,
0.2663

■ 38.0270, 0.2808,
0.5222

■ 37.7183, 0.2839,
0.5420

Harmonies

Analogous

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



49.2869, 0.3196, 0.3514



49.2869, 0.3063, 0.3449



49.2869, 0.2949, 0.3339

Triad

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



49.2869, 0.3063, 0.3449



49.2869, 0.2942, 0.3070



49.2869, 0.3379, 0.3353

Complementary

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



49.2869, 0.3063, 0.3449



44.0251, 0.3197, 0.3136

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.



49.2869, 0.3308, 0.3239



49.2869, 0.3063, 0.3449



49.2869, 0.3054, 0.3077

Square

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



49.2869, 0.3063, 0.3449



49.2869, 0.2880, 0.3120



49.2869, 0.3188, 0.3139



49.2869, 0.3380, 0.3455

Rectangle

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



49.2869, 0.3063, 0.3449



49.2869, 0.2898, 0.3258



49.2869, 0.3188, 0.3139



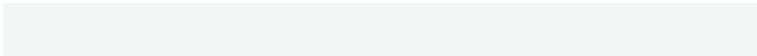
49.2869, 0.3362, 0.3315

Sweetspot

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



49.2890, 0.3063, 0.3449



91.6996, 0.3108, 0.3337



50.4404, 0.3215, 0.3537



20.0443, 0.3102, 0.3349



97.7402, 0.3127, 0.3290



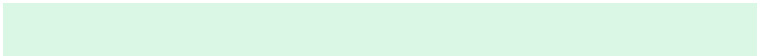
20.4902, 0.3127, 0.3290

Same Dimension

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



49.2890, 0.3063, 0.3449



87.2257, 0.3049, 0.3487



49.6865, 0.2994, 0.3323



10.7063, 0.3067, 0.3438



24.7965, 0.2832, 0.5396



0.9840, 0.2692, 0.4890

Inverse Universe

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



44.0251, 0.3197, 0.3136



75.8883, 0.3215, 0.3101



43.6402, 0.3279, 0.3258



9.6350, 0.3192, 0.3146



8.1954, 0.4396, 0.2196



0.3332, 0.4042, 0.2001

Previews

White Background



This preview shows how the Yxy color 49.2869, 0.3063, 0.3449 looks on a white background.

Color Contrast Check

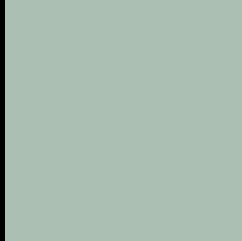
Large Text (above 18pt) WCAG AA × Fail

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 49.2869, 0.3063, 0.3449 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

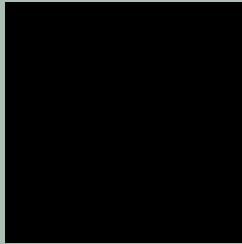
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

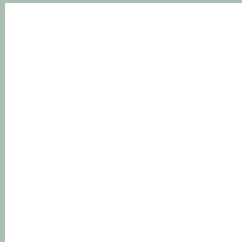
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 49.2869, 0.3063, 0.3449

Background



This preview shows how black text looks on a background with the Yxy color 49.2869, 0.3063, 0.3449.



This preview shows how white text looks on a background with the Yxy color 49.2869, 0.3063, 0.3449.

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

49.2869, 0.3063, 0.3449

Protanopia

49.0390, 0.3258, 0.3405

Deuteranopia

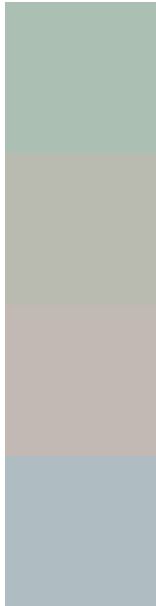
49.1005, 0.3346, 0.3278



Tritanopia

49.4608, 0.2928, 0.3111

Trichromacy



Original Color

49.2869, 0.3063, 0.3449

Protanomaly

49.0293, 0.3188, 0.3419

Deuteranomaly

49.0456, 0.3244, 0.3341

Tritanomaly

49.4042, 0.2978, 0.3225

Monochromacy



Original Color

49.2869, 0.3063, 0.3449

Achromatopsia

47.9320, 0.3127, 0.3290

Achromatomaly

48.6213, 0.3108, 0.3355

CSS Examples

Text

The CSS property to change the color of the text to Yxy 49.2869, 0.3063, 0.3449 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(172, 191, 179)` looks like.

```
.text, #text, p{  
    color:rgb(172, 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(172, 191, 179) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(172, 191, 179) }
```

Border

The CSS property to change the border of an element to Yxy 49.2869, 0.3063, 0.3449 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(172, 191, 179) }
```

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

```
.border{ border-color:rgb(172, 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(172, 191, 179)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(172, 191, 179); -webkit-box-  
shadow:4px 4px 4px 4px rgb(172, 191, 179);  
box-shadow:4px 4px 4px 4px rgb(172, 191,  
179) }
```


Background

The CSS property to change the background color of an element to Yxy 49.2869, 0.3063, 0.3449 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(172, 191, 179) }
```

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

```
.background{ background-color: rgb(172,  
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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