

Converting Colors

$Yxy(48.9163, 0.3063, 0.3595)$

Have a look what the booklet for
Yxy(48.9163, 0.3063, 0.3595)
contains.

Yxy(48.9347, 0.3065, 0.3602)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(48.9347, 0.3065, 0.3602)

Conversions

Conversions Part 1

Format	Color
Hex	A4C1AA
RGB	164, 193, 170
RGB Percent	64%, 76%, 67%
CMY	0.3568, 0.2431, 0.3333
CMYK	0.15, 0.00, 0.12, 0.24
HSL	132°, 19%, 70%
HSV	132°, 15%, 76%
XYZ	41.6393, 48.9347, 45.2802
YIQ	181.7070, -9.9010, -13.3010

Conversions

Conversions Part 2

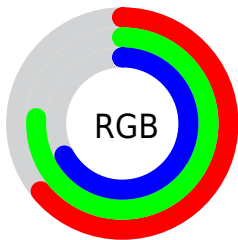
Format	Color
RYB	164, 188, 193
Decimal	10797482
CIELab	75.41, -14.27, 8.32
CIELCh	75, 16.516, 149.748
Yxy	48.9347, 0.3065, 0.3602
Android (android.graphics.Color)	4288987562 (0xFFA4C1AA)
YUV	181.7070, -5.7716, -15.5290
Hunter-Lab	69.9533, -16.1672, 10.5894

Details

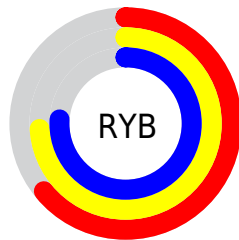
The Yxy color **48.9347, 0.3065, 0.3602** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **41.4867, 0.3196, 0.2997**, and the grayscale version is **46.6508, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.8675, 0.3077, 0.3552**, and **23.2180, 0.3045, 0.3685** is the 20% darker color. If you saturate the color by 10%, you get **46.4899, 0.3024, 0.3842**, and if you desaturate by 10%, it is **51.7629, 0.3107, 0.3388**.

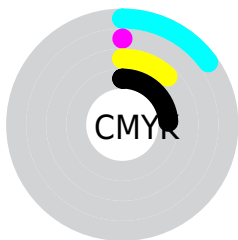
Distribution



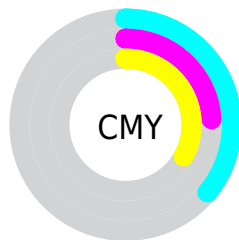
- Red (64%)
- Green (76%)
- Blue (67%)



- Red (64%)
- Yellow (74%)
- Blue (76%)



- Cyan (15%)
- Magenta (0%)
- Yellow (12%)
- Black (24%)




- Cyan (36%)
- Magenta (24%)
- Yellow (33%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 48.9347, 0.3065, 0.3602 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 48.9347, 0.3065, 0.3602 by changing the saturation by 10% instead.

 48.9347, 0.3065,
0.3602


 48.9347, 0.3065,
0.3602

382.4852, 0.3097,
0.3444

 34.5677, 0.3056,
0.3642


 88.5945, 0.3077,
0.3544

 23.3300, 0.3045,
0.3694

 114.6560, 0.3082,
0.3522

 14.8374, 0.3030,
0.3764


145.3845, 0.3085,
0.3504

 8.7053, 0.3007,
0.3863

181.1643, 0.3088,
0.3489

 4.5495, 0.2972,
0.4014

222.3799, 0.3091,
0.3475

 1.9854, 0.2908,
0.4272

269.4157, 0.3094,

 0.5990, 0.2482,

0.3464

0.6726

322.6560, 0.3096,
0.3453

0.0000, 0.0000,
0.0000

48.9347, 0.3065,
0.3602

48.9347, 0.3065,
0.3602

46.4899, 0.3024,
0.3842

51.7629, 0.3107,
0.3388

44.4059, 0.2985,
0.4107

54.9834, 0.3147,
0.3199

42.6673, 0.2951,
0.4392

58.6130, 0.3187,
0.3034

41.2551, 0.2924,
0.4689

62.6652, 0.3224,
0.2891

40.1485, 0.2908,
0.4986

66.0901, 0.3217,
0.2760

■ 39.3242, 0.2903,
0.5266

■ 66.6191, 0.3156,
0.2683

■ 38.7554, 0.2912,
0.5514

■ 38.4100, 0.2932,
0.5713

■ 38.2909, 0.2943,
0.5793

Harmonies

Analogous

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



48.9347, 0.3293, 0.3690



48.9347, 0.3065, 0.3602



48.9347, 0.2859, 0.3421

Triad

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



48.9347, 0.3065, 0.3602



48.9347, 0.2779, 0.2926



48.9347, 0.3544, 0.3349

Complementary

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



48.9347, 0.3065, 0.3602



41.4867, 0.3196, 0.2997

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.



48.9347, 0.3396, 0.3159



48.9347, 0.3065, 0.3602



48.9347, 0.2952, 0.2920

Square

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



48.9347, 0.3065, 0.3602



48.9347, 0.2699, 0.3027



48.9347, 0.3178, 0.3005



48.9347, 0.3575, 0.3532

Rectangle

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



48.9347, 0.3065, 0.3602



48.9347, 0.2761, 0.3278



48.9347, 0.3178, 0.3005



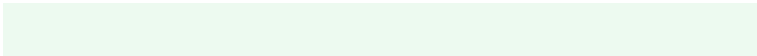
48.9347, 0.3506, 0.3284

Sweetspot

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



48.9368, 0.3065, 0.3602



92.6736, 0.3106, 0.3389



51.4110, 0.3300, 0.3663



19.7998, 0.3103, 0.3403



97.7402, 0.3127, 0.3290



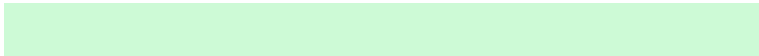
20.4902, 0.3127, 0.3290

Same Dimension

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



48.9368, 0.3065, 0.3602



86.1414, 0.3051, 0.3678



49.5081, 0.2963, 0.3405



11.2920, 0.3088, 0.3478



25.4781, 0.2937, 0.5775



1.1110, 0.2820, 0.5351

Inverse Universe

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



41.4867, 0.3196, 0.2997



70.2575, 0.3213, 0.2931



40.9040, 0.3324, 0.3178



10.2108, 0.3168, 0.3109



9.0869, 0.3804, 0.1869



0.4018, 0.3647, 0.1783

Previews

White Background



This preview shows how the Yxy color 48.9347, 0.3065, 0.3602 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 48.9347, 0.3065, 0.3602 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

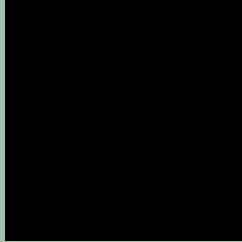
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

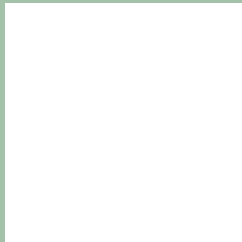
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 48.9347, 0.3065, 0.3602

Background



This preview shows how black text looks on a background with the Yxy color 48.9347, 0.3065, 0.3602.



This preview shows how white text looks on a background with the Yxy color 48.9347, 0.3065, 0.3602.

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

48.9347, 0.3065, 0.3602

Protanopia

48.7886, 0.3348, 0.3534

Deuteranopia

48.6672, 0.3434, 0.3364



Tritanopia

48.8243, 0.2875, 0.3096

Trichromacy



Original Color

48.9347, 0.3065, 0.3602

Protanomaly

48.7015, 0.3240, 0.3566

Deuteranomaly

48.4660, 0.3292, 0.3444

Tritanomaly

48.9133, 0.2945, 0.3276

Monochromacy



Original Color

48.9347, 0.3065, 0.3602

Achromatopsia

46.7784, 0.3127, 0.3290

Achromatomaly

47.4461, 0.3097, 0.3396

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.9347, 0.3065, 0.3602 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(164, 193, 170)` looks like.

```
.text, #text, p{  
    color:rgb(164, 193, 170)  
}
```

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(164, 193, 170) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(164, 193, 170) }
```

Border

The CSS property to change the border of an element to Yxy 48.9347, 0.3065, 0.3602 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(164, 193, 170) }
```

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

```
.border{ border-color:rgb(164, 193, 170) }
```

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

Here you see how a box with a 4 pixel `rgb(164, 193, 170)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(164, 193, 170); -webkit-box-  
shadow:4px 4px 4px 4px rgb(164, 193, 170);  
box-shadow:4px 4px 4px 4px rgb(164, 193,  
170) }
```


Background

The CSS property to change the background color of an element to Yxy 48.9347, 0.3065, 0.3602 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(164, 193, 170) }
```

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

```
.background{ background-color: rgb(164,  
193, 170) }
```

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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