

Converting Colors

$Yxy(49.9077, 0.3016, 0.3579)$

Have a look what the booklet for
Yxy(49.9077, 0.3016, 0.3579)
contains.

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Color

Yxy(49.7676, 0.3020, 0.3574)

Conversions

Conversions Part 1

Format	Color
Hex	A2C3AE
RGB	162, 195, 174
RGB Percent	64%, 76%, 68%
CMY	0.3647, 0.2353, 0.3177
CMYK	0.17, 0.00, 0.11, 0.24
HSL	142°, 22%, 70%
HSV	142°, 17%, 76%
XYZ	42.0532, 49.7676, 47.4282
YIQ	182.7390, -12.9270, -13.5270

Conversions

Conversions Part 2

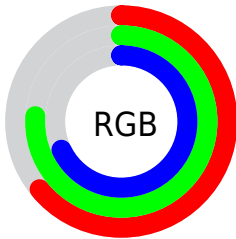
Format	Color
RYB	162, 186, 195
Decimal	10666926
CIELab	75.93, -15.24, 6.89
CIELCh	76, 16.719, 155.680
Yxy	49.7676, 0.3020, 0.3574
Android (android.graphics.Color)	4288857006 (0xFFA2C3AE)
YUV	182.7390, -4.3083, -18.1881
Hunter-Lab	70.5462, -17.0503, 9.5216

Details

The Yxy color **49.7676, 0.3020, 0.3574** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **40.8605, 0.3252, 0.3022**, and the grayscale version is **47.2327, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.0297, 0.3042, 0.3530**, and **23.7699, 0.2985, 0.3645** is the 20% darker color. If you saturate the color by 10%, you get **47.4214, 0.2959, 0.3768**, and if you desaturate by 10%, it is **52.4794, 0.3083, 0.3399**.

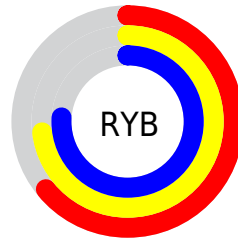
Distribution



Red (64%)

Green (76%)

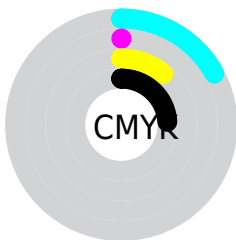
Blue (68%)



Red (64%)

Yellow (73%)

Blue (76%)

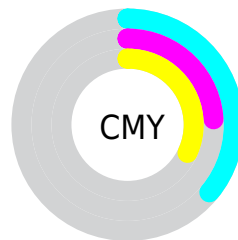


Cyan (17%)

Magenta (0%)

Yellow (11%)

Black (24%)



Cyan (36%)


Magenta (24%)


Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 49.7676, 0.3020, 0.3574 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 49.7676, 0.3020, 0.3574 by changing the saturation by 10% instead.

 49.7676, 0.3020,
0.3574


 49.7676, 0.3020,
0.3574


385.7564, 0.3074,
0.3431

 35.2288, 0.3006,
0.3610

 89.8304, 0.3040,
0.3522

 23.8392, 0.2988,
0.3657


 116.1233, 0.3047,
0.3502

 15.2143, 0.2964,
0.3720


147.1029, 0.3054,
0.3486

 8.9700, 0.2930,
0.3808

183.1536, 0.3059,
0.3471

 4.7216, 0.2877,
0.3943

224.6600, 0.3064,
0.3459

 2.0849, 0.2788,
0.4171

272.0063, 0.3068,

 0.6561, 0.2206,

0.3448

0.5752

325.5770, 0.3071,
0.3439

0.0000, 0.0000,
0.0000

49.7676, 0.3020,
0.3574

49.7676, 0.3020,
0.3574

47.4214, 0.2959,
0.3768

52.4794, 0.3083,
0.3399

45.4189, 0.2904,
0.3982

55.5653, 0.3147,
0.3244

43.7450, 0.2856,
0.4212

59.0413, 0.3209,
0.3108

42.3815, 0.2820,
0.4454

62.9207, 0.3270,
0.2988

41.3080, 0.2798,
0.4701

66.3532, 0.3294,
0.2879

■ 40.5016, 0.2792,
0.4944

■ 67.1003, 0.3202,
0.2762

■ 39.9360, 0.2805,
0.5174

■ 67.5135, 0.3155,
0.2703

■ 39.5757, 0.2834,
0.5380

■ 39.4867, 0.2844,
0.5438

Harmonies

Analogous

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



49.7676, 0.3250, 0.3684



49.7676, 0.3020, 0.3574



49.7676, 0.2824, 0.3380

Triad

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



49.7676, 0.3020, 0.3574



49.7676, 0.2805, 0.2914



49.7676, 0.3563, 0.3388

Complementary

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



49.7676, 0.3020, 0.3574



40.8605, 0.3252, 0.3022

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.



49.7676, 0.3435, 0.3195



49.7676, 0.3020, 0.3574



49.7676, 0.2993, 0.2928

Square

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



49.7676, 0.3020, 0.3574



49.7676, 0.2703, 0.2998



49.7676, 0.3224, 0.3029



49.7676, 0.3568, 0.3565

Rectangle

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



49.7676, 0.3020, 0.3574



49.7676, 0.2737, 0.3235



49.7676, 0.3224, 0.3029



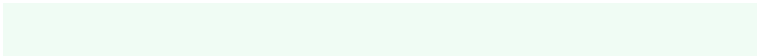
49.7676, 0.3533, 0.3323

Sweetspot

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



49.7697, 0.3020, 0.3574



94.9557, 0.3095, 0.3369



51.7647, 0.3281, 0.3719



20.7114, 0.3090, 0.3381



0.0000, 0.0000, 0.0000



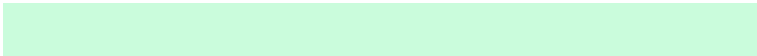
21.4041, 0.3127, 0.3290

Same Dimension

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



49.7697, 0.3020, 0.3574



87.6384, 0.2999, 0.3638



50.4342, 0.2908, 0.3355



11.3180, 0.3068, 0.3440



25.6769, 0.2837, 0.5413



1.1227, 0.2707, 0.4944

Inverse Universe

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



40.8605, 0.3252, 0.3022



68.9482, 0.3282, 0.2966



40.2292, 0.3400, 0.3226



10.1834, 0.3192, 0.3144



8.5054, 0.4377, 0.2185



0.3803, 0.4052, 0.2006

Previews

White Background



This preview shows how the Yxy color 49.7676, 0.3020, 0.3574 looks on a white background.

Color Contrast Check

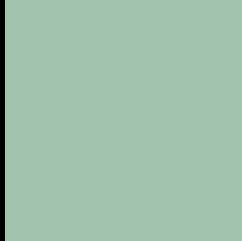
Large Text (above 18pt) WCAG AA × Fail

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 49.7676, 0.3020, 0.3574 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

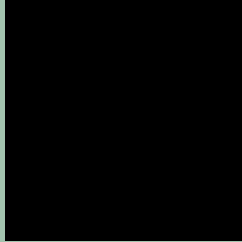
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

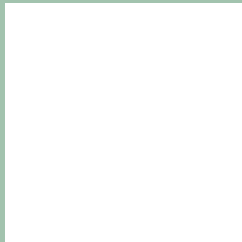
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 49.7676, 0.3020, 0.3574

Background



This preview shows how black text looks on a background with the Yxy color 49.7676, 0.3020, 0.3574.



This preview shows how white text looks on a background with the Yxy color 49.7676, 0.3020, 0.3574.

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

49.7676, 0.3020, 0.3574

Protanopia

49.4517, 0.3330, 0.3507

Deuteranopia

49.2267, 0.3398, 0.3327



Tritanopia

49.6080, 0.2841, 0.3084

Trichromacy



Original Color

49.7676, 0.3020, 0.3574

Protanomaly

49.2805, 0.3207, 0.3525

Deuteranomaly

48.9089, 0.3249, 0.3405

Tritanomaly

49.7013, 0.2909, 0.3263

Monochromacy



Original Color

49.7676, 0.3020, 0.3574

Achromatopsia

47.3531, 0.3127, 0.3290

Achromatomaly

47.9499, 0.3082, 0.3382

CSS Examples

Text

The CSS property to change the color of the text to Yxy 49.7676, 0.3020, 0.3574 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(162, 195, 174)` looks like.

```
.text, #text, p{  
    color:rgb(162, 195, 174)  
}
```

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(162, 195, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 195, 174) }
```

Border

The CSS property to change the border of an element to Yxy 49.7676, 0.3020, 0.3574 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(162, 195, 174) }
```

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

```
.border{ border-color:rgb(162, 195, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 195, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 195, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 195, 174);  
box-shadow:4px 4px 4px 4px rgb(162, 195,  
174) }
```


Background

The CSS property to change the background color of an element to Yxy 49.7676, 0.3020, 0.3574 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 195, 174) }
```

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

```
.background{ background-color: rgb(162,  
195, 174) }
```

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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