

Converting Colors

$Yxy(50.7573, 0.3274, 0.4009)$

Have a look what the booklet for
Yxy(50.7573, 0.3274, 0.4009)
contains.

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Color

Yxy(50.7573, 0.3274, 0.4009)

Conversions

Conversions Part 1

Format	Color
Hex	A8C691
RGB	168, 198, 145
RGB Percent	66%, 78%, 57%
CMY	0.3412, 0.2235, 0.4314
CMYK	0.15, 0.00, 0.27, 0.22
HSL	94°, 32%, 67%
HSV	94°, 27%, 78%
XYZ	41.4516, 50.7573, 34.3995
YIQ	182.9880, -0.8670, -22.8430

Conversions

Conversions Part 2

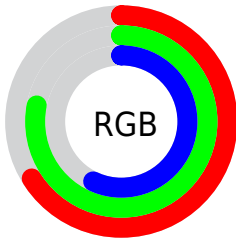
Format	Color
RYB	145, 198, 175
Decimal	11060881
CIELab	76.53, -19.67, 23.32
CIELCh	77, 30.510, 130.146
Yxy	50.7573, 0.3274, 0.4009
Android (android.graphics.Color)	4289250961 (0xFFA8C691)
YUV	182.9880, -18.7281, -13.1445
Hunter-Lab	71.2442, -20.8216, 21.2434

Details

The Yxy color **50.7573, 0.3274, 0.4009** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **33.4440, 0.2938, 0.2586**, and the grayscale version is **47.4520, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.4908, 0.3255, 0.3878**, and **24.3995, 0.3301, 0.4224** is the 20% darker color. If you saturate the color by 10%, you get **49.0229, 0.3321, 0.4310**, and if you desaturate by 10%, it is **52.7087, 0.3221, 0.3723**.

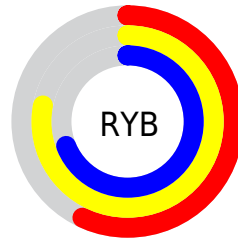
Distribution



Red (66%)

Green (78%)

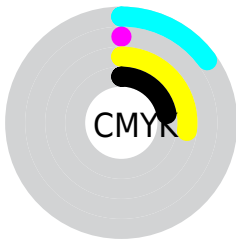
Blue (57%)



Red (57%)

Yellow (78%)

Blue (69%)

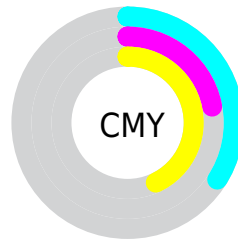


Cyan (15%)

Magenta (0%)

Yellow (27%)

Black (22%)



Cyan (34%)

Magenta (22%)

Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.7573, 0.3274, 0.4009 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 50.7573, 0.3274, 0.4009 by changing the saturation by 10% instead.


 50.7573, 0.3274,
0.4009


 50.7573, 0.3274,
0.4009


389.6201, 0.3209,
0.3643

 36.0155, 0.3287,
0.4102


 91.2959, 0.3253,
0.3875

 24.4462, 0.3302,
0.4222


 117.8615, 0.3244,
0.3824

 15.6649, 0.3319,
0.4384


149.1372, 0.3236,
0.3782

 9.2874, 0.3336,
0.4610


185.5073, 0.3229,
0.3746

 4.9291, 0.3345,
0.4947

227.3562, 0.3223,
0.3715

 2.2057, 0.3416,
0.5656

275.0684, 0.3218,

 0.7231, 0.2226,

0.3688

0.7774

329.0283, 0.3213,
0.3664

0.0000, 0.0000,
0.0000

50.7573, 0.3274,
0.4009

50.7573, 0.3274,
0.4009

49.0229, 0.3321,
0.4310

52.7087, 0.3221,
0.3723

47.4908, 0.3359,
0.4617

54.8781, 0.3165,
0.3457

46.1542, 0.3383,
0.4918

57.2751, 0.3109,
0.3214

45.0037, 0.3389,
0.5195

59.9065, 0.3054,
0.2996

44.0286, 0.3377,
0.5434

62.7790, 0.3001,
0.2800

■ 43.2171, 0.3344,
0.5619

■ 65.3189, 0.3008,
0.2707

■ 42.5542, 0.3294,
0.5746

■ 67.2909, 0.3090,
0.2721

■ 42.3642, 0.3277,
0.5780

■ 68.8714, 0.3153,
0.2732

Harmonies

Analogous

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



50.7573, 0.3658, 0.4008



50.7573, 0.3274, 0.4009



50.7573, 0.2867, 0.3774

Triad

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



50.7573, 0.3274, 0.4009



50.7573, 0.2395, 0.2727



50.7573, 0.3735, 0.3160

Complementary

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



50.7573, 0.3274, 0.4009



33.4440, 0.2938, 0.2586

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.



50.7573, 0.3359, 0.2869



50.7573, 0.3274, 0.4009



50.7573, 0.2593, 0.2620

Square

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



50.7573, 0.3274, 0.4009



50.7573, 0.2378, 0.2997



50.7573, 0.2938, 0.2675



50.7573, 0.3940, 0.3495

Rectangle

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



50.7573, 0.3274, 0.4009



50.7573, 0.2637, 0.3522



50.7573, 0.2938, 0.2675



50.7573, 0.3623, 0.3055

Sweetspot

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



50.7595, 0.3274, 0.4009



96.6296, 0.3173, 0.3491



44.3826, 0.3600, 0.3668



20.5534, 0.3182, 0.3531



0.0000, 0.0000, 0.0000



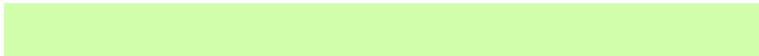
21.4041, 0.3127, 0.3290

Same Dimension

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



50.7595, 0.3274, 0.4009



88.0777, 0.3302, 0.4180



48.5381, 0.3073, 0.4011



12.1091, 0.3180, 0.3524



27.5969, 0.3287, 0.5772



1.3493, 0.3455, 0.5639

Inverse Universe

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



33.4440, 0.2938, 0.2586



52.4153, 0.2888, 0.2423



36.2136, 0.3183, 0.2661



10.5788, 0.3070, 0.3057



4.9483, 0.2167, 0.0967



0.2765, 0.2380, 0.1085

Previews

White Background



This preview shows how the Yxy color 50.7573, 0.3274, 0.4009 looks on a white background.

Color Contrast Check

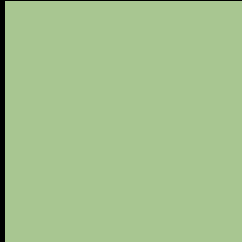
Large Text (above 18pt) WCAG AA × Fail

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 50.7573, 0.3274, 0.4009 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

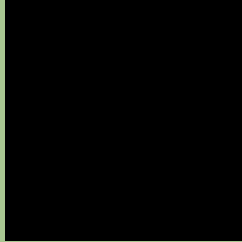
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 50.7573, 0.3274, 0.4009

Background



This preview shows how black text looks on a background with the Yxy color 50.7573, 0.3274, 0.4009.



This preview shows how white text looks on a background with the Yxy color 50.7573, 0.3274, 0.4009.

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

50.7573, 0.3274, 0.4009

Protanopia

50.4461, 0.3626, 0.3879

Deuteranopia

50.4333, 0.3747, 0.3672



Tritanopia

50.5818, 0.2915, 0.3100

Trichromacy



Original Color

50.7573, 0.3274, 0.4009

Protanomaly

50.5994, 0.3498, 0.3936

Deuteranomaly

50.0963, 0.3563, 0.3781

Tritanomaly

50.5575, 0.3049, 0.3420

Monochromacy



Original Color

50.7573, 0.3274, 0.4009

Achromatopsia

47.3531, 0.3127, 0.3290

Achromatomaly

48.2960, 0.3190, 0.3542

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.7573, 0.3274, 0.4009 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(168, 198, 145)` looks like.

```
.text, #text, p{  
    color:rgb(168, 198, 145)  
}
```

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(168, 198, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 198, 145) }
```

Border

The CSS property to change the border of an element to Yxy 50.7573, 0.3274, 0.4009 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(168, 198, 145) }
```

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

```
.border{ border-color:rgb(168, 198, 145) }
```

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

Here you see how a box with a 4 pixel `rgb(168, 198, 145)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 198, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 198, 145);  
box-shadow:4px 4px 4px 4px rgb(168, 198,  
145) }
```


Background

The CSS property to change the background color of an element to Yxy 50.7573, 0.3274, 0.4009 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 198, 145) }
```

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

```
.background{ background-color: rgb(168,  
198, 145) }
```

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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