

Converting Colors

$Yxy(50.3896, 0.3423, 0.4237)$

Have a look what the booklet for
Yxy(50.3896, 0.3423, 0.4237)
contains.

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Color

Yxy(50.5784, 0.3428, 0.4247)

Conversions

Conversions Part 1

Format	Color
Hex	ABC67F
RGB	171, 198, 127
RGB Percent	67%, 78%, 50%
CMY	0.3293, 0.2235, 0.5020
CMYK	0.14, 0.00, 0.36, 0.22
HSL	83°, 38%, 64%
HSV	83°, 36%, 78%
XYZ	40.8248, 50.5784, 27.6889
YIQ	181.8330, 6.6990, -27.8050

Conversions

Conversions Part 2

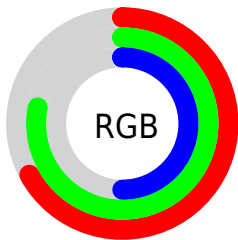
Format	Color
RYB	127, 198, 154
Decimal	11257471
CIELab	76.42, -21.12, 32.64
CIELCh	76, 38.878, 122.909
Yxy	50.5784, 0.3428, 0.4247
Android (android.graphics.Color)	4289447551 (0xFFABC67F)
YUV	181.8330, -27.0327, -9.5005
Hunter-Lab	71.1185, -21.9915, 26.6993

Details

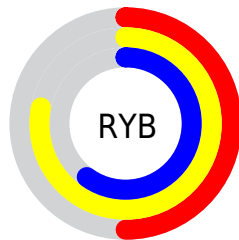
The Yxy color **50.5784, 0.3428, 0.4247** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **26.1222, 0.2727, 0.2290**, and the grayscale version is **46.8346, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.1462, 0.3384, 0.4076**, and **24.3339, 0.3488, 0.4519** is the 20% darker color. If you saturate the color by 10%, you get **49.2933, 0.3498, 0.4529**, and if you desaturate by 10%, it is **52.0175, 0.3349, 0.3965**.

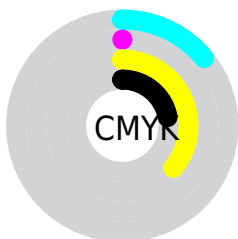
Distribution



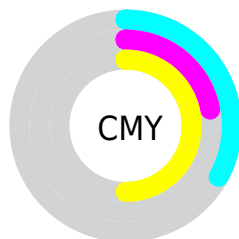
- Red (67%)
- Green (78%)
- Blue (50%)



- Red (50%)
- Yellow (78%)
- Blue (60%)



- Cyan (14%)
- Magenta (0%)
- Yellow (36%)
- Black (22%)




- Cyan (33%)
- Magenta (22%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.5784, 0.3428, 0.4247 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 50.5784, 0.3428, 0.4247 by changing the saturation by 10% instead.


 50.5784, 0.3428,
0.4247

 50.5784, 0.3428,
0.4247


388.9235, 0.3293,
0.3760


 35.8732, 0.3456,
0.4370


 91.0313, 0.3383,
0.4069

 24.3363, 0.3487,
0.4527


 117.5477, 0.3365,
0.4002

 15.5833, 0.3521,
0.4735


 148.7701, 0.3349,
0.3946

 9.2297, 0.3555,
0.5020


185.0826, 0.3335,
0.3898

 4.8913, 0.3570,
0.5428

226.8699, 0.3323,
0.3856

 2.1836, 0.3676,
0.6324

274.5162, 0.3312,

 0.7111, 0.1839,

0.3820

0.8161

328.4060, 0.3302,
0.3788

0.0000, 0.0000,
0.0000

50.5784, 0.3428,
0.4247

50.5784, 0.3428,
0.4247

49.2933, 0.3498,
0.4529

52.0175, 0.3349,
0.3965

48.1487, 0.3553,
0.4800

53.6100, 0.3264,
0.3692

47.1394, 0.3589,
0.5047


55.3642, 0.3177,
0.3433


46.2572, 0.3603,
0.5257


57.2855, 0.3092,
0.3193

45.4926, 0.3592,
0.5420

59.3790, 0.3010,
0.2973

 44.8339, 0.3558,
0.5533

 61.6499, 0.2931,
0.2773

 44.5830, 0.3540,
0.5571

 63.4012, 0.2925,
0.2692

 64.6270, 0.2979,
0.2702

 65.9066, 0.3034,
0.2711

Harmonies

Analogous

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



50.5784, 0.3890, 0.4154



50.5784, 0.3428, 0.4247



50.5784, 0.2908, 0.4019

Triad

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



50.5784, 0.3428, 0.4247



50.5784, 0.2186, 0.2637



50.5784, 0.3801, 0.3025

Complementary

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



50.5784, 0.3428, 0.4247



26.1222, 0.2727, 0.2290

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.



50.5784, 0.3286, 0.2693



50.5784, 0.3428, 0.4247



50.5784, 0.2377, 0.2464

Square

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



50.5784, 0.3428, 0.4247



50.5784, 0.2217, 0.3015



50.5784, 0.2765, 0.2491



50.5784, 0.4130, 0.3431

Rectangle

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



50.5784, 0.3428, 0.4247



50.5784, 0.2600, 0.3713



50.5784, 0.2765, 0.2491



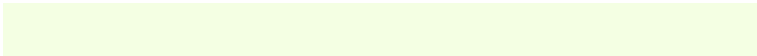
50.5784, 0.3641, 0.2903

Sweetspot

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



50.5806, 0.3428, 0.4247



96.3586, 0.3223, 0.3568



36.3306, 0.3855, 0.3636



20.5341, 0.3235, 0.3604



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.



50.5806, 0.3428, 0.4247



87.7748, 0.3483, 0.4467



47.1923, 0.3147, 0.4336



12.2081, 0.3208, 0.3522



29.0449, 0.3549, 0.5564



1.4159, 0.3684, 0.5457

Inverse Universe

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



26.1222, 0.2727, 0.2290



38.1418, 0.2616, 0.2048



30.0147, 0.3071, 0.2385



10.4805, 0.3041, 0.3055



3.6750, 0.1822, 0.0777



0.2154, 0.2065, 0.0911

Previews

White Background



This preview shows how the Yxy color 50.5784, 0.3428, 0.4247 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 50.5784, 0.3428, 0.4247 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

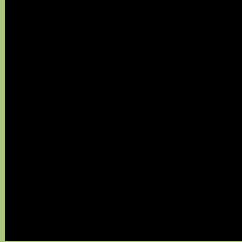
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 50.5784, 0.3428, 0.4247

Background



This preview shows how black text looks on a background with the Yxy color 50.5784, 0.3428, 0.4247.



This preview shows how white text looks on a background with the Yxy color 50.5784, 0.3428, 0.4247.

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

50.5784, 0.3428, 0.4247

Protanopia

50.2339, 0.3787, 0.4095

Deuteranopia

50.1285, 0.3943, 0.3864



Tritanopia

50.6999, 0.2960, 0.3102

Trichromacy



Original Color

50.5784, 0.3428, 0.4247

Protanomaly

50.3610, 0.3654, 0.4161

Deuteranomaly

50.1315, 0.3745, 0.3997

Tritanomaly

50.2988, 0.3134, 0.3499

Monochromacy



Original Color

50.5784, 0.3428, 0.4247

Achromatopsia

46.7784, 0.3127, 0.3290

Achromatomaly

48.0401, 0.3245, 0.3637

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.5784, 0.3428, 0.4247 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(171, 198, 127)` looks like.

```
.text, #text, p{  
    color:rgb(171, 198, 127)  
}
```

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(171, 198, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 198, 127) }
```

Border

The CSS property to change the border of an element to Yxy 50.5784, 0.3428, 0.4247 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(171, 198, 127) }
```

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

```
.border{ border-color:rgb(171, 198, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(171, 198, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 198, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 198, 127);  
box-shadow:4px 4px 4px 4px rgb(171, 198,  
127) }
```


Background

The CSS property to change the background color of an element to Yxy 50.5784, 0.3428, 0.4247 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 198, 127) }
```

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

```
.background{ background-color: rgb(171,  
198, 127) }
```

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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