

Converting Colors

Yxy(51.2705, 0.3368, 0.4334)

Have a look what the booklet for
Yxy(51.2705, 0.3368, 0.4334)
contains.

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Color

Yxy(51.0405, 0.3367, 0.4329)

Conversions

Conversions Part 1

Format	Color
Hex	A3C97D
RGB	163, 201, 125
RGB Percent	64%, 79%, 49%
CMY	0.3607, 0.2118, 0.5098
CMYK	0.19, 0.00, 0.38, 0.21
HSL	90°, 41%, 64%
HSV	90°, 38%, 79%
XYZ	39.6982, 51.0405, 27.1650
YIQ	180.9740, 1.7480, -31.6920

Conversions

Conversions Part 2

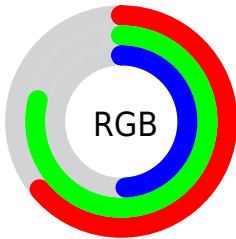
Format	Color
RYB	125, 201, 163
Decimal	10733949
CIELab	76.70, -25.83, 33.93
CIElCh	77, 42.644, 127.288
Yxy	51.0405, 0.3367, 0.4329
Android (android.graphics.Color)	4288924029 (0xFFA3C97D)
YUV	180.9740, -27.5952, -15.7632
Hunter-Lab	71.4426, -25.8384, 27.4657

Details

The Yxy color **51.0405, 0.3367, 0.4329** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **26.6713, 0.2787, 0.2254**, and the grayscale version is **46.3496, 0.3127, 0.3290**.

A 20% lighter version of the original color is **89.7944, 0.3343, 0.4111**, and **24.6904, 0.3403, 0.4633** is the 20% darker color. If you saturate the color by 10%, you get **49.5613, 0.3414, 0.4627**, and if you desaturate by 10%, it is **52.7123, 0.3310, 0.4033**.

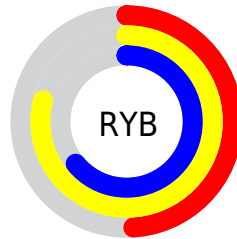
Distribution



Red (64%)

Green (79%)

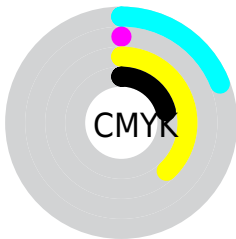
Blue (49%)



Red (49%)

Yellow (79%)

Blue (64%)

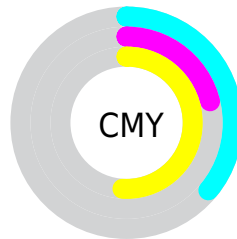


Cyan (19%)

Magenta (0%)

Yellow (38%)

Black (21%)



Cyan (36%)


Magenta (21%)

Yellow (51%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 51.0405, 0.3367, 0.4329 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 51.0405, 0.3367, 0.4329 by changing the saturation by 10% instead.


 51.0405, 0.3367,
0.4329

 51.0405, 0.3367,
0.4329

390.7211, 0.3265,
0.3797

 36.2408, 0.3385,
0.4464


 91.7146, 0.3335,
0.4134

 24.6203, 0.3405,
0.4637


 118.3579, 0.3322,
0.4061

 15.7944, 0.3422,
0.4866


 149.7178, 0.3309,
0.4000

 9.3788, 0.3429,
0.5182

186.1788, 0.3299,
0.3947

 4.9890, 0.3405,
0.5638

228.1252, 0.3289,
0.3902

 2.2408, 0.3412,
0.6588

275.9415, 0.3280,

 0.7421, 0.0914,

0.3863

0.9086

330.0120, 0.3273,
0.3828

0.0000, 0.0000,
0.0000

51.0405, 0.3367,
0.4329

51.0405, 0.3367,
0.4329

49.5613, 0.3414,
0.4627

52.7123, 0.3310,
0.4033

48.2597, 0.3446,
0.4915

54.5777, 0.3246,
0.3749

47.1290, 0.3460,
0.5178


56.6461, 0.3179,
0.3483


46.1592, 0.3452,
0.5401


58.9242, 0.3113,
0.3238


45.3387, 0.3422,
0.5573


61.4185, 0.3047,
0.3016


 44.6520, 0.3374,
0.5690

 64.1351, 0.2984,
0.2816

 44.5139, 0.3363,
0.5712

 66.3707, 0.2994,
0.2736

 68.1124, 0.3067,
0.2748

 69.9519, 0.3140,
0.2760

Harmonies

Analogous

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



51.0405, 0.3890, 0.4264



51.0405, 0.3367, 0.4329



51.0405, 0.2806, 0.4029

Triad

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



51.0405, 0.3367, 0.4329



51.0405, 0.2124, 0.2535



51.0405, 0.3934, 0.3061

Complementary

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



51.0405, 0.3367, 0.4329



26.6713, 0.2787, 0.2254

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.



51.0405, 0.3386, 0.2688



51.0405, 0.3367, 0.4329



51.0405, 0.2361, 0.2386

Square

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



51.0405, 0.3367, 0.4329



51.0405, 0.2120, 0.2911



51.0405, 0.2807, 0.2447



51.0405, 0.4251, 0.3502

Rectangle

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



51.0405, 0.3367, 0.4329



51.0405, 0.2486, 0.3669



51.0405, 0.2807, 0.2447



51.0405, 0.3768, 0.2925

Sweetspot

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



51.0427, 0.3367, 0.4329



95.7616, 0.3202, 0.3570



39.6465, 0.3864, 0.3768



20.3917, 0.3211, 0.3606



0.0000, 0.0000, 0.0000



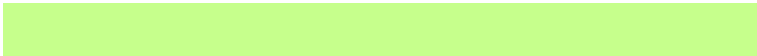
21.4041, 0.3127, 0.3290

Same Dimension

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



51.0427, 0.3367, 0.4329



85.3817, 0.3405, 0.4563



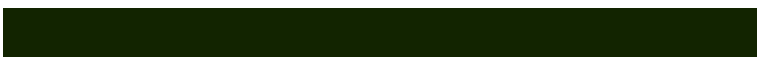
47.7095, 0.3083, 0.4425



12.1442, 0.3190, 0.3524



28.0442, 0.3373, 0.5704



1.3710, 0.3534, 0.5576

Inverse Universe

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



26.6713, 0.2787, 0.2254



37.9982, 0.2695, 0.2022



31.1295, 0.3158, 0.2361



10.5434, 0.3060, 0.3057



4.4247, 0.2032, 0.0893



0.2526, 0.2262, 0.1020

Previews

White Background



This preview shows how the Yxy color 51.0405, 0.3367, 0.4329 looks on a white background.

Color Contrast Check

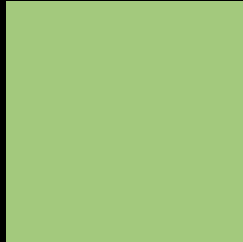
Large Text (above 18pt) WCAG AA × Fail

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 51.0405, 0.3367, 0.4329 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

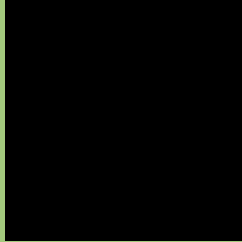
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 51.0405, 0.3367, 0.4329

Background



This preview shows how black text looks on a background with the Yxy color 51.0405, 0.3367, 0.4329.



This preview shows how white text looks on a background with the Yxy color 51.0405, 0.3367, 0.4329.

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

51.0405, 0.3367, 0.4329

Protanopia

50.8731, 0.3824, 0.4135

Deuteranopia

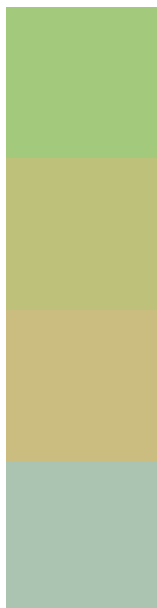
50.8282, 0.3965, 0.3882



Tritanopia

50.8318, 0.2894, 0.3100

Trichromacy



Original Color

51.0405, 0.3367, 0.4329

Protanomaly

50.4922, 0.3647, 0.4202

Deuteranomaly

50.2215, 0.3739, 0.4037

Tritanomaly

50.8625, 0.3069, 0.3528

Monochromacy



Original Color

51.0405, 0.3367, 0.4329

Achromatopsia

46.2077, 0.3127, 0.3290

Achromatomaly

47.5383, 0.3218, 0.3654

CSS Examples

Text

The CSS property to change the color of the text to Yxy 51.0405, 0.3367, 0.4329 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(163, 201, 125)` looks like.

```
.text, #text, p{  
    color:rgb(163, 201, 125)  
}
```

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(163, 201, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 201, 125) }
```

Border

The CSS property to change the border of an element to Yxy 51.0405, 0.3367, 0.4329 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(163, 201, 125) }
```

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

```
.border{ border-color:rgb(163, 201, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(163, 201, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 201, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 201, 125);  
box-shadow:4px 4px 4px 4px rgb(163, 201,  
125) }
```


Background

The CSS property to change the background color of an element to Yxy 51.0405, 0.3367, 0.4329 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 201, 125) }
```

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

```
.background{ background-color: rgb(163,  
201, 125) }
```

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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