

Converting Colors

$Yxy(41.8331, 0.3348, 0.4072)$

Have a look what the booklet for
Yxy(41.8331, 0.3348, 0.4072)
contains.

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Color

Yxy(41.7482, 0.3348, 0.4079)

Conversions

Conversions Part 1

Format	Color
Hex	9DB57F
RGB	157, 181, 127
RGB Percent	62%, 71%, 50%
CMY	0.3841, 0.2902, 0.5019
CMYK	0.13, 0.00, 0.30, 0.29
HSL	87°, 27%, 60%
HSV	87°, 30%, 71%
XYZ	34.2665, 41.7482, 26.3344
YIQ	167.6680, 3.0300, -21.8820

Conversions

Conversions Part 2

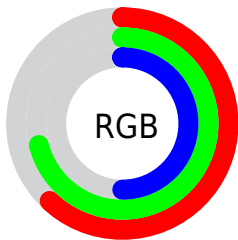
Format	Color
RYB	127, 181, 151
Decimal	10335615
CIELab	70.70, -17.83, 24.87
CIELCh	71, 30.601, 125.644
Yxy	41.7482, 0.3348, 0.4079
Android (android.graphics.Color)	4288525695 (0xFF9DB57F)
YUV	167.6680, -20.0493, -9.3558
Hunter-Lab	64.6128, -18.4076, 21.0640

Details

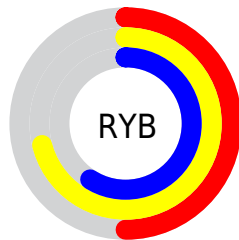
The Yxy color $41.7482, 0.3348, 0.4079$ is a light color, and the websafe version is hex $99CC99$. A complement of this color would be $25.0931, 0.2845, 0.2489$, and the grayscale version is $39.0905, 0.3127, 0.3290$.

A 20% lighter version of the original color is $77.8607, 0.3312, 0.3927$, and $18.9774, 0.3401, 0.4337$ is the 20% darker color. If you saturate the color by 10%, you get $40.5381, 0.3413, 0.4368$, and if you desaturate by 10%, it is $43.0998, 0.3276, 0.3798$.

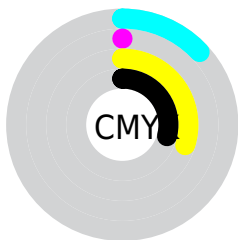
Distribution



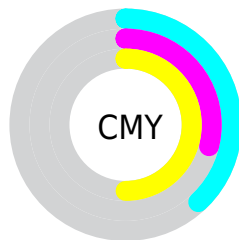
- Red (62%)
- Green (71%)
- Blue (50%)



- Red (50%)
- Yellow (71%)
- Blue (59%)



- Cyan (13%)
- Magenta (0%)
- Yellow (30%)
- Black (29%)





- Cyan (38%)
- Magenta (29%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.7482, 0.3348, 0.4079 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 41.7482, 0.3348, 0.4079 by changing the saturation by 10% instead.


 41.7482, 0.3348,
0.4079

 41.7482, 0.3348,
0.4079


353.4381, 0.3244,
0.3665

 28.9042, 0.3371,
0.4188


 77.8184, 0.3312,
0.3924

 19.0083, 0.3398,
0.4332


 101.8134, 0.3298,
0.3867

 11.6763, 0.3429,
0.4528


 130.2941, 0.3286,
0.3820

 6.5237, 0.3461,
0.4810

163.6450, 0.3276,
0.3779

 3.1660, 0.3489,
0.5256

202.2504, 0.3266,
0.3745

 1.2190, 0.3615,
0.6385

246.4948, 0.3258,

 0.0772, 0.0000,

0.3715

1.0000

296.7626, 0.3251,
0.3688

■ 0.0000, 0.0000,
0.0000

■ 41.7482, 0.3348,
0.4079

■ 41.7482, 0.3348,
0.4079

■ 40.5381, 0.3413,
0.4368

■ 43.0998, 0.3276,
0.3798

■ 39.4585, 0.3467,
0.4655

■ 44.5927, 0.3201,
0.3533

■ 38.5051, 0.3505,
0.4928

■ 46.2335, 0.3126,
0.3286

■ 37.6715, 0.3523,
0.5174

■ 48.0268, 0.3052,
0.3060

■ 36.9503, 0.3519,
0.5379

■ 49.9770, 0.2981,
0.2855

■ 36.3328, 0.3492,
0.5534

■ 52.0885, 0.2914,
0.2671

■ 35.8030, 0.3448,
0.5643

■ 54.3651, 0.2852,
0.2505

■ 35.7942, 0.3447,
0.5645

■ 55.6805, 0.2903,
0.2507

■ 56.9732, 0.2963,
0.2521

Harmonies

Analogous

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



41.7482, 0.3745, 0.4036



41.7482, 0.3348, 0.4079



41.7482, 0.2909, 0.3863

Triad

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



41.7482, 0.3348, 0.4079



41.7482, 0.2332, 0.2720



41.7482, 0.3726, 0.3099

Complementary

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



41.7482, 0.3348, 0.4079



25.0931, 0.2845, 0.2489

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.



41.7482, 0.3306, 0.2803



41.7482, 0.3348, 0.4079



41.7482, 0.2514, 0.2582

Square

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



41.7482, 0.3348, 0.4079



41.7482, 0.2343, 0.3030



41.7482, 0.2861, 0.2617



41.7482, 0.3981, 0.3452

Rectangle

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



41.7482, 0.3348, 0.4079



41.7482, 0.2653, 0.3604



41.7482, 0.2861, 0.2617



41.7482, 0.3598, 0.2991

Sweetspot

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



41.7500, 0.3348, 0.4079



80.0618, 0.3196, 0.3515



33.2972, 0.3685, 0.3624



17.2172, 0.3207, 0.3552



91.1408, 0.3127, 0.3290



17.8868, 0.3127, 0.3290

Same Dimension

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



41.7500, 0.3348, 0.4079



73.2830, 0.3393, 0.4274



39.3716, 0.3117, 0.4138



9.7154, 0.3197, 0.3520



24.7198, 0.3455, 0.5638



0.8117, 0.3660, 0.5476

Inverse Universe

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



25.0931, 0.2845, 0.2489



38.4756, 0.2764, 0.2287



27.9112, 0.3123, 0.2552



8.4085, 0.3052, 0.3059



3.5243, 0.1933, 0.0838



0.1457, 0.2262, 0.1020

Previews

White Background



This preview shows how the Yxy color 41.7482, 0.3348, 0.4079 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 41.7482, 0.3348, 0.4079 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

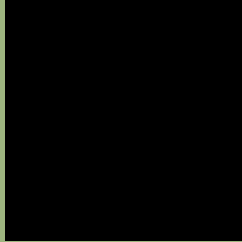
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.7482, 0.3348, 0.4079

Background



This preview shows how black text looks on a background with the Yxy color 41.7482, 0.3348, 0.4079.



This preview shows how white text looks on a background with the Yxy color 41.7482, 0.3348, 0.4079.

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

41.7482, 0.3348, 0.4079

Protanopia

41.3742, 0.3687, 0.3954

Deuteranopia

41.5807, 0.3817, 0.3753



Tritanopia

41.5820, 0.2954, 0.3099

Trichromacy



Original Color

41.7482, 0.3348, 0.4079

Protanomaly

41.2291, 0.3559, 0.4004

Deuteranomaly

41.1499, 0.3638, 0.3860

Tritanomaly

41.5538, 0.3102, 0.3445

Monochromacy



Original Color

41.7482, 0.3348, 0.4079

Achromatopsia

39.1572, 0.3127, 0.3290

Achromatomaly

40.0796, 0.3213, 0.3577

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.7482, 0.3348, 0.4079 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(157, 181, 127)` looks like.

```
.text, #text, p{  
    color:rgb(157, 181, 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(157, 181, 127) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 181, 127) }
```

Border

The CSS property to change the border of an element to Yxy 41.7482, 0.3348, 0.4079 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(157, 181, 127) }
```

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

```
.border{ border-color:rgb(157, 181, 127) }
```

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

Here you see how a box with a 4 pixel `rgb(157, 181, 127)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 181, 127); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 181, 127);  
box-shadow:4px 4px 4px 4px rgb(157, 181,  
127) }
```


Background

The CSS property to change the background color of an element to Yxy 41.7482, 0.3348, 0.4079 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(157, 181, 127) }
```

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

```
.background{ background-color: rgb(157,  
181, 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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