

Converting Colors

$Yxy(40.8767, 0.3387, 0.4073)$

Have a look what the booklet for
Yxy(40.8767, 0.3387, 0.4073)
contains.

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Color

Yxy(41.0918, 0.3387, 0.4079)

Conversions

Conversions Part 1

Format	Color
Hex	9FB37D
RGB	159, 179, 125
RGB Percent	62%, 70%, 49%
CMY	0.3764, 0.2980, 0.5099
CMYK	0.11, 0.00, 0.30, 0.30
HSL	82°, 26%, 60%
HSV	82°, 30%, 70%
XYZ	34.1206, 41.0918, 25.5275
YIQ	166.8640, 5.4140, -21.0340

Conversions

Conversions Part 2

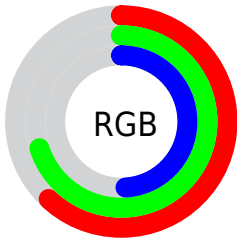
Format	Color
RYB	125, 179, 145
Decimal	10466173
CIELab	70.24, -16.37, 25.37
CIELCh	70, 30.190, 122.835
Yxy	41.0918, 0.3387, 0.4079
Android (android.graphics.Color)	4288656253 (0xFF9FB37D)
YUV	166.8640, -20.6390, -6.8967
Hunter-Lab	64.1029, -17.1683, 21.2612

Details

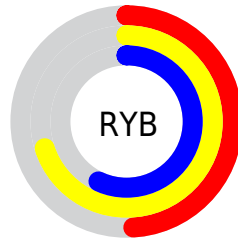
The Yxy color **41.0918, 0.3387, 0.4079** is a light color, and the websafe version is hex **999966**. A complement of this color would be **23.9334, 0.2800, 0.2470**, and the grayscale version is **38.6753, 0.3127, 0.3290**.

A 20% lighter version of the original color is **76.9272, 0.3342, 0.3926**, and **18.5555, 0.3456, 0.4335** is the 20% darker color. If you saturate the color by 10%, you get **40.0175, 0.3464, 0.4359**, and if you desaturate by 10%, it is **42.2885, 0.3303, 0.3804**.

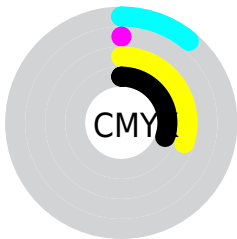
Distribution



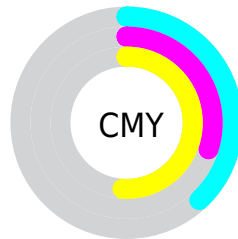
- Red (62%)
- Green (70%)
- Blue (49%)



- Red (49%)
- Yellow (70%)
- Blue (57%)



- Cyan (11%)
- Magenta (0%)
- Yellow (30%)
- Black (30%)





- Cyan (38%)
- Magenta (30%)
- Yellow (51%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 41.0918, 0.3387, 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 41.0918, 0.3387, 0.4079 by changing the saturation by 10% instead.


 41.0918, 0.3387,
0.4079


 41.0918, 0.3387,
0.4079


350.7041, 0.3263,
0.3665


 28.3908, 0.3415,
0.4188


 76.8232, 0.3344,
0.3924

 18.6205, 0.3449,
0.4331


 100.6225, 0.3327,
0.3867

 11.3964, 0.3489,
0.4527


 128.8899, 0.3313,
0.3820

 6.3341, 0.3533,
0.4807

162.0100, 0.3300,
0.3779

 3.0493, 0.3588,
0.5262

200.3670, 0.3289,
0.3745

 1.1575, 0.3693,
0.6307

244.3455, 0.3279,

 0.0266, 0.0000,

0.3715

1.0000

294.3297, 0.3271,
0.3688

0.0000, 0.0000,
0.0000

41.0918, 0.3387,
0.4079

41.0918, 0.3387,
0.4079

40.0175, 0.3464,
0.4359

42.2885, 0.3303,
0.3804

39.0551, 0.3530,
0.4635

43.6067, 0.3216,
0.3541

38.2011, 0.3580,
0.4895


45.0527, 0.3129,
0.3294


37.4493, 0.3609,
0.5125

46.6305, 0.3044,
0.3067


36.7932, 0.3614,
0.5315


48.3441, 0.2963,
0.2859


 36.2249, 0.3596,
0.5457

 50.1973, 0.2886,
0.2672

 35.7367, 0.3560,
0.5555

 52.1935, 0.2815,
0.2503

 53.4580, 0.2833,
0.2469

 54.4626, 0.2882,
0.2481

Harmonies

Analogous

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



41.0918, 0.3770, 0.4015



41.0918, 0.3387, 0.4079



41.0918, 0.2951, 0.3888

Triad

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



41.0918, 0.3387, 0.4079



41.0918, 0.2331, 0.2747



41.0918, 0.3687, 0.3070

Complementary

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



41.0918, 0.3387, 0.4079



23.9334, 0.2800, 0.2470

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.



41.0918, 0.3262, 0.2784



41.0918, 0.3387, 0.4079



41.0918, 0.2494, 0.2593

Square

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



41.0918, 0.3387, 0.4079



41.0918, 0.2360, 0.3069



41.0918, 0.2825, 0.2612



41.0918, 0.3960, 0.3418

Rectangle

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



41.0918, 0.3387, 0.4079



41.0918, 0.2689, 0.3640



41.0918, 0.2825, 0.2612



41.0918, 0.3556, 0.2965

Sweetspot

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



41.0936, 0.3387, 0.4079



78.3517, 0.3207, 0.3515



31.2500, 0.3707, 0.3577



17.2795, 0.3219, 0.3551



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.



41.0936, 0.3387, 0.4079



72.3328, 0.3438, 0.4259



38.6415, 0.3147, 0.4141



9.7464, 0.3208, 0.3519



25.2904, 0.3567, 0.5550



0.8276, 0.3746, 0.5408

Inverse Universe

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



23.9334, 0.2800, 0.2470



36.8038, 0.2713, 0.2273



26.6646, 0.3084, 0.2535



8.3782, 0.3041, 0.3059



3.1584, 0.1812, 0.0772



0.1332, 0.2150, 0.0958

Previews

White Background



This preview shows how the Yxy color 41.0918, 0.3387, 0.4079 looks on a white background.

Color Contrast Check

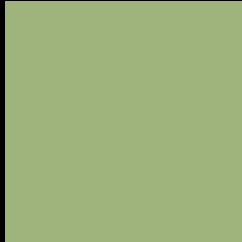
Large Text (above 18pt) WCAG AA × Fail

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 41.0918, 0.3387, 0.4079 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

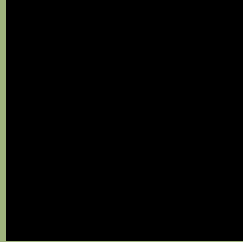
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.0918, 0.3387, 0.4079

Background



This preview shows how black text looks on a background with the Yxy color 41.0918, 0.3387, 0.4079.



This preview shows how white text looks on a background with the Yxy color 41.0918, 0.3387, 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

41.0918, 0.3387, 0.4079

Protanopia

40.8452, 0.3690, 0.3957

Deuteranopia

40.6660, 0.3835, 0.3756



Tritanopia

40.8441, 0.2978, 0.3099

Trichromacy



Original Color

41.0918, 0.3387, 0.4079

Protanomaly

40.9323, 0.3581, 0.4003

Deuteranomaly

40.3473, 0.3663, 0.3862

Tritanomaly

40.8090, 0.3129, 0.3446

Monochromacy



Original Color

41.0918, 0.3387, 0.4079

Achromatopsia

38.6429, 0.3127, 0.3290

Achromatomaly

39.2853, 0.3224, 0.3564

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.0918, 0.3387, 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(159, 179, 125)` looks like.

```
.text, #text, p{  
    color:rgb(159, 179, 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(159, 179, 125) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(159, 179, 125) }
```

Border

The CSS property to change the border of an element to Yxy 41.0918, 0.3387, 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(159, 179, 125) }
```

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

```
.border{ border-color:rgb(159, 179, 125) }
```

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

Here you see how a box with a 4 pixel `rgb(159, 179, 125)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(159, 179, 125); -webkit-box-  
shadow:4px 4px 4px 4px rgb(159, 179, 125);  
box-shadow:4px 4px 4px 4px rgb(159, 179,  
125) }
```


Background

The CSS property to change the background color of an element to Yxy 41.0918, 0.3387, 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(159, 179, 125) }
```

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

```
.background{ background-color: rgb(159,  
179, 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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