

Converting Colors

$Yxy(41.8276, 0.3324, 0.4035)$

Have a look what the booklet for
Yxy(41.8276, 0.3324, 0.4035)
contains.

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Color

Yxy(41.8276, 0.3324, 0.4035)

Conversions

Conversions Part 1

Format	Color
Hex	9DB582
RGB	157, 181, 130
RGB Percent	62%, 71%, 51%
CMY	0.3843, 0.2902, 0.4902
CMYK	0.13, 0.00, 0.28, 0.29
HSL	88°, 26%, 61%
HSV	88°, 28%, 71%
XYZ	34.4572, 41.8276, 27.3771
YIQ	168.0100, 2.0670, -20.9490

Conversions

Conversions Part 2

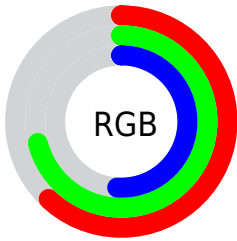
Format	Color
RYB	130, 181, 154
Decimal	10335618
CIELab	70.75, -17.41, 23.34
CIELCh	71, 29.118, 126.722
Yxy	41.8276, 0.3324, 0.4035
Android (android.graphics.Color)	4288525698 (0xFF9DB582)
YUV	168.0100, -18.7389, -9.6558
Hunter-Lab	64.6743, -18.0785, 20.1741

Details

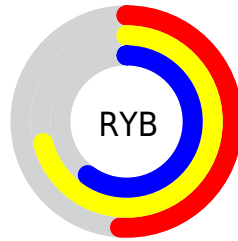
The Yxy color **41.8276, 0.3324, 0.4035** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **26.1739, 0.2878, 0.2540**, and the grayscale version is **39.2566, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.9843, 0.3294, 0.3893**, and **19.0208, 0.3370, 0.4276** is the 20% darker color. If you saturate the color by 10%, you get **40.5579, 0.3386, 0.4326**, and if you desaturate by 10%, it is **43.2462, 0.3256, 0.3755**.

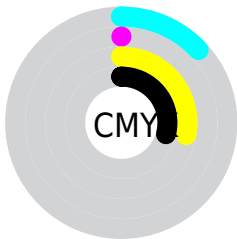
Distribution



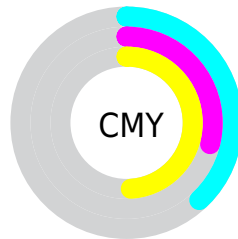
- Red (62%)
- Green (71%)
- Blue (51%)



- Red (51%)
- Yellow (71%)
- Blue (60%)



- Cyan (13%)
- Magenta (0%)
- Yellow (28%)
- Black (29%)




- Cyan (38%)
- Magenta (29%)
- Yellow (49%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 41.8276, 0.3324, 0.4035 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 41.8276, 0.3324, 0.4035 by changing the saturation by 10% instead.


 41.8276, 0.3324,
0.4035

 41.8276, 0.3324,
0.4035


353.7678, 0.3232,
0.3644

 28.9663, 0.3344,
0.4138


 77.9386, 0.3292,
0.3889

 19.0553, 0.3368,
0.4274


 101.9572, 0.3280,
0.3835

 11.7103, 0.3397,
0.4460


 130.4636, 0.3269,
0.3790

 6.5467, 0.3427,
0.4728

163.8423, 0.3260,
0.3752

 3.1803, 0.3448,
0.5145

202.4777, 0.3251,
0.3719

 1.2266, 0.3654,
0.6346

246.7541, 0.3244,

 0.0832, 0.0000,

0.3691

1.0000

297.0560, 0.3237,
0.3666

0.0000, 0.0000,
0.0000

41.8276, 0.3324,
0.4035

41.8276, 0.3324,
0.4035

40.5579, 0.3386,
0.4326

43.2462, 0.3256,
0.3755

39.4260, 0.3437,
0.4618

44.8136, 0.3185,
0.3491

38.4276, 0.3474,
0.4899

46.5367, 0.3114,
0.3247

37.5559, 0.3491,
0.5155

48.4201, 0.3045,
0.3025

36.8035, 0.3488,
0.5373

50.4685, 0.2979,
0.2824

■ 36.1618, 0.3461,
0.5540

■ 52.6862, 0.2916,
0.2644

■ 35.6178, 0.3416,
0.5657

■ 54.9669, 0.2868,
0.2499

■ 35.5257, 0.3408,
0.5676

■ 56.3037, 0.2932,
0.2514

■ 57.7089, 0.2997,
0.2528

Harmonies

Analogous

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



41.8276, 0.3704, 0.4006



41.8276, 0.3324, 0.4035



41.8276, 0.2907, 0.3821

Triad

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



41.8276, 0.3324, 0.4035



41.8276, 0.2372, 0.2740



41.8276, 0.3709, 0.3121

Complementary

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



41.8276, 0.3324, 0.4035



26.1739, 0.2878, 0.2540

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.



41.8276, 0.3313, 0.2833



41.8276, 0.3324, 0.4035



41.8276, 0.2552, 0.2613

Square

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



41.8276, 0.3324, 0.4035



41.8276, 0.2375, 0.3032



41.8276, 0.2889, 0.2651



41.8276, 0.3943, 0.3459

Rectangle

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



41.8276, 0.3324, 0.4035



41.8276, 0.2664, 0.3573



41.8276, 0.2889, 0.2651



41.8276, 0.3589, 0.3016

Sweetspot

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



41.8294, 0.3324, 0.4035



80.2678, 0.3185, 0.3490



34.4829, 0.3641, 0.3628



17.2545, 0.3196, 0.3528



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.



41.8294, 0.3324, 0.4035



73.4261, 0.3364, 0.4220



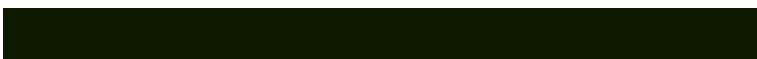
39.5434, 0.3104, 0.4088



9.7040, 0.3193, 0.3520



24.5307, 0.3416, 0.5669



0.8062, 0.3629, 0.5501

Inverse Universe

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



26.1739, 0.2878, 0.2540



40.6200, 0.2807, 0.2352



28.9227, 0.3141, 0.2597



8.4197, 0.3056, 0.3060



3.6786, 0.1982, 0.0865



0.1506, 0.2305, 0.1043

Previews

White Background



This preview shows how the Yxy color 41.8276, 0.3324, 0.4035 looks on a white background.

Color Contrast Check

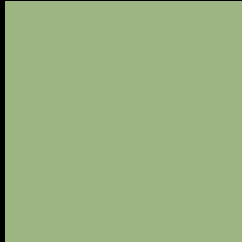
Large Text (above 18pt) WCAG AA × Fail

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 41.8276, 0.3324, 0.4035 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

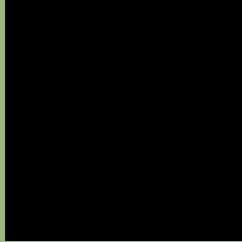
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.8276, 0.3324, 0.4035

Background



This preview shows how black text looks on a background with the Yxy color 41.8276, 0.3324, 0.4035.



This preview shows how white text looks on a background with the Yxy color 41.8276, 0.3324, 0.4035.

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

41.8276, 0.3324, 0.4035

Protanopia

41.8326, 0.3656, 0.3926

Deuteranopia

41.6624, 0.3789, 0.3715



Tritanopia

41.8593, 0.2946, 0.3113

Trichromacy



Original Color

41.8276, 0.3324, 0.4035

Protanomaly

41.6969, 0.3530, 0.3975

Deuteranomaly

41.2309, 0.3611, 0.3820

Tritanomaly

41.8788, 0.3085, 0.3445

Monochromacy



Original Color

41.8276, 0.3324, 0.4035

Achromatopsia

39.1572, 0.3127, 0.3290

Achromatomaly

40.1127, 0.3204, 0.3562

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.8276, 0.3324, 0.4035 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, 130)` looks like.

```
.text, #text, p{  
    color:rgb(157, 181, 130)  
}
```

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, 130) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(157, 181, 130) }
```

Border

The CSS property to change the border of an element to Yxy 41.8276, 0.3324, 0.4035 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, 130) }
```

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

```
.border{ border-color:rgb(157, 181, 130) }
```

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, 130)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(157, 181, 130); -webkit-box-  
shadow:4px 4px 4px 4px rgb(157, 181, 130);  
box-shadow:4px 4px 4px 4px rgb(157, 181,  
130) }
```


Background

The CSS property to change the background color of an element to Yxy 41.8276, 0.3324, 0.4035 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, 130) }
```

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

```
.background{ background-color: rgb(157,  
181, 130) }
```

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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