

Converting Colors

$Yxy(41.7021, 0.3464, 0.3980)$

Have a look what the booklet for
Yxy(41.7021, 0.3464, 0.3980)
contains.

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Color

Yxy(41.5753, 0.3463, 0.3970)

Conversions

Conversions Part 1

Format	Color
Hex	AAB181
RGB	170, 177, 129
RGB Percent	67%, 69%, 51%
CMY	0.3332, 0.3059, 0.4941
CMYK	0.04, 0.00, 0.27, 0.31
HSL	69°, 24%, 60%
HSV	69°, 27%, 69%
XYZ	36.2658, 41.5753, 26.8826
YIQ	169.4350, 11.2360, -16.4120

Conversions

Conversions Part 2

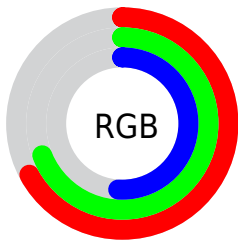
Format	Color
RYB	129, 177, 136
Decimal	11186561
CIELab	70.58, -10.53, 23.80
CIELCh	71, 26.026, 113.855
Yxy	41.5753, 0.3463, 0.3970
Android (android.graphics.Color)	4289376641 (0xFFAAB181)
YUV	169.4350, -19.9345, 0.4955
Hunter-Lab	64.4789, -12.4418, 20.4160

Details

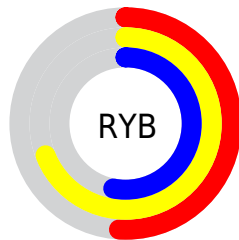
The Yxy color **41.5753, 0.3463, 0.3970** is a light color, and the websafe version is hex **999966**. A complement of this color would be **24.1078, 0.2732, 0.2540**, and the grayscale version is **40.0020, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.8240, 0.3406, 0.3845**, and **18.7617, 0.3554, 0.4179** is the 20% darker color. If you saturate the color by 10%, you get **40.8625, 0.3583, 0.4226**, and if you desaturate by 10%, it is **42.3789, 0.3339, 0.3713**.

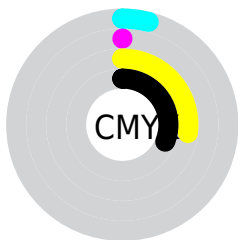
Distribution



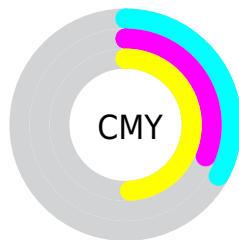
- Red (67%)
- Green (69%)
- Blue (51%)



- Red (51%)
- Yellow (69%)
- Blue (53%)



- Cyan (4%)
- Magenta (0%)
- Yellow (27%)
- Black (31%)





- Cyan (33%)
- Magenta (31%)
- Yellow (49%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.5753, 0.3463, 0.3970 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 41.5753, 0.3463, 0.3970 by changing the saturation by 10% instead.


 41.5753, 0.3463,
0.3970

 41.5753, 0.3463,
0.3970


352.7194, 0.3297,
0.3617


 28.7689, 0.3503,
0.4062


 77.5565, 0.3404,
0.3839

 18.9061, 0.3552,
0.4181


 101.5000, 0.3381,
0.3791

 11.6024, 0.3615,
0.4342


 129.9247, 0.3362,
0.3750

 6.4736, 0.3696,
0.4571

163.2149, 0.3346,
0.3716

 3.1351, 0.3800,
0.4919

201.7551, 0.3331,
0.3686

 1.2027, 0.4158,
0.5842

245.9297, 0.3319,

 0.0639, 0.0000,

0.3660

1.0000

296.1229, 0.3307,
0.3637

0.0000, 0.0000,
0.0000

41.5753, 0.3463,
0.3970

41.5753, 0.3463,
0.3970

40.8625, 0.3583,
0.4226

42.3789, 0.3339,
0.3713

40.2308, 0.3692,
0.4472

43.2717, 0.3214,
0.3462

39.6774, 0.3787,
0.4698

44.2593, 0.3093,
0.3222

39.1972, 0.3862,
0.4894

45.3452, 0.2976,
0.2998

38.7845, 0.3913,
0.5051

46.5325, 0.2867,
0.2790

■ 38.4326, 0.3939,
0.5164

■ 47.8245, 0.2765,
0.2599

■ 38.1317, 0.3941,
0.5236

■ 49.2241, 0.2670,
0.2426

■ 38.0492, 0.3940,
0.5254

■ 49.6882, 0.2676,
0.2410

■ 50.0238, 0.2694,
0.2415

Harmonies

Analogous

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



41.5753, 0.3757, 0.3866



41.5753, 0.3463, 0.3970



41.5753, 0.3090, 0.3868

Triad

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



41.5753, 0.3463, 0.3970



41.5753, 0.2426, 0.2895



41.5753, 0.3508, 0.3018

Complementary

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



41.5753, 0.3463, 0.3970



24.1078, 0.2732, 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.



41.5753, 0.3129, 0.2793



41.5753, 0.3463, 0.3970



41.5753, 0.2520, 0.2711

Square

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



41.5753, 0.3463, 0.3970



41.5753, 0.2503, 0.3210



41.5753, 0.2770, 0.2681



41.5753, 0.3791, 0.3313

Rectangle

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



41.5753, 0.3463, 0.3970



41.5753, 0.2849, 0.3690



41.5753, 0.2770, 0.2681



41.5753, 0.3386, 0.2933

Sweetspot

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



41.5771, 0.3463, 0.3970



77.3295, 0.3227, 0.3487



28.3722, 0.3677, 0.3385



16.7055, 0.3245, 0.3524



89.0005, 0.3127, 0.3290



17.0645, 0.3127, 0.3290

Same Dimension

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



41.5771, 0.3463, 0.3970



73.6226, 0.3541, 0.4136



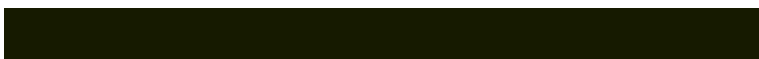
39.1948, 0.3245, 0.4020



9.8429, 0.3242, 0.3517



27.5890, 0.3943, 0.5251



0.8851, 0.4017, 0.5192

Inverse Universe

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



24.1078, 0.2732, 0.2540



36.6937, 0.2619, 0.2333



26.2873, 0.2971, 0.2589



8.2874, 0.3007, 0.3056



2.4732, 0.1566, 0.0637



0.0963, 0.1778, 0.0753

Previews

White Background



This preview shows how the Yxy color 41.5753, 0.3463, 0.3970 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 41.5753, 0.3463, 0.3970 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

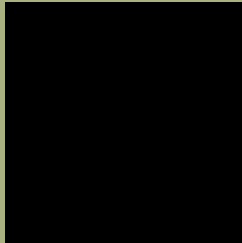
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

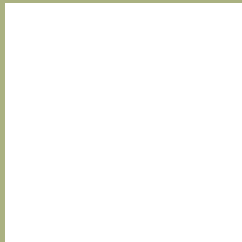
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 41.5753, 0.3463, 0.3970

Background



This preview shows how black text looks on a background with the Yxy color 41.5753, 0.3463, 0.3970.



This preview shows how white text looks on a background with the Yxy color 41.5753, 0.3463, 0.3970.

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

41.5753, 0.3463, 0.3970

Protanopia

41.3516, 0.3642, 0.3902

Deuteranopia

41.2455, 0.3813, 0.3728



Tritanopia

41.5155, 0.3082, 0.3116

Trichromacy



Original Color

41.5753, 0.3463, 0.3970

Protanomaly

41.5339, 0.3577, 0.3924

Deuteranomaly

41.0640, 0.3686, 0.3812

Tritanomaly

41.5302, 0.3220, 0.3428

Monochromacy



Original Color

41.5753, 0.3463, 0.3970

Achromatopsia

39.6755, 0.3127, 0.3290

Achromatomaly

40.2732, 0.3252, 0.3545

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.5753, 0.3463, 0.3970 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(170, 177, 129)` looks like.

```
.text, #text, p{  
    color:rgb(170, 177, 129)  
}
```

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(170, 177, 129) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(170, 177, 129) }
```

Border

The CSS property to change the border of an element to Yxy 41.5753, 0.3463, 0.3970 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(170, 177, 129) }
```

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

```
.border{ border-color:rgb(170, 177, 129) }
```

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

Here you see how a box with a 4 pixel rgb(170, 177, 129) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(170, 177, 129); -webkit-box-  
shadow:4px 4px 4px 4px rgb(170, 177, 129);  
box-shadow:4px 4px 4px 4px rgb(170, 177,  
129) }
```


Background

The CSS property to change the background color of an element to Yxy 41.5753, 0.3463, 0.3970 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(170, 177, 129) }
```

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

```
.background{ background-color: rgb(170,  
177, 129) }
```

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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