

Converting Colors

Yxy(41.5523, 0.3266, 0.3444)

Have a look what the booklet for
Yxy(41.5523, 0.3266, 0.3444)
contains.

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Color

Yxy(41.4254, 0.3266, 0.3441)

Conversions

Conversions Part 1

Format	Color
Hex	B1ACA1
RGB	177, 172, 161
RGB Percent	69%, 67%, 63%
CMY	0.3058, 0.3255, 0.3686
CMYK	0.00, 0.03, 0.09, 0.31
HSL	41°, 9%, 66%
HSV	41°, 9%, 69%
XYZ	39.3186, 41.4254, 39.6437
YIQ	172.2410, 6.5110, -2.3610

Conversions

Conversions Part 2

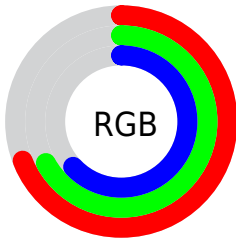
Format	Color
RYB	168, 177, 161
Decimal	11644065
CIELab	70.47, -0.17, 6.28
CIELCh	70, 6.281, 91.584
Yxy	41.4254, 0.3266, 0.3441
Android (android.graphics.Color)	4289834145 (0xFFB1ACA1)
YUV	172.2410, -5.5418, 4.1736
Hunter-Lab	64.3626, -3.5902, 8.5345

Details

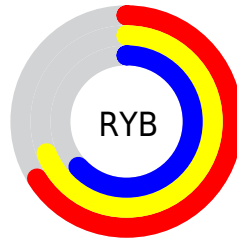
The Yxy color **41.4254, 0.3266, 0.3441** is a light color, and the websafe version is hex **999999**. A complement of this color would be **38.0292, 0.2990, 0.3134**, and the grayscale version is **41.4110, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.2197, 0.3241, 0.3406**, and **18.8438, 0.3296, 0.3481** is the 20% darker color. If you saturate the color by 10%, you get **38.7819, 0.3434, 0.3615**, and if you desaturate by 10%, it is **44.2488, 0.3113, 0.3274**.

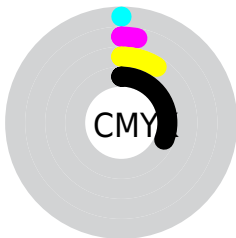
Distribution



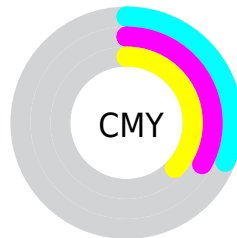
- Red (69%)
- Green (67%)
- Blue (63%)



- Red (66%)
- Yellow (69%)
- Blue (63%)



- Cyan (0%)
- Magenta (3%)
- Yellow (9%)
- Black (31%)





- Cyan (31%)
- Magenta (33%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.4254, 0.3266, 0.3441 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 41.4254, 0.3266, 0.3441 by changing the saturation by 10% instead.


 41.4254, 0.3266,
0.3441

 41.4254, 0.3266,
0.3441


352.0954, 0.3195,
0.3364

 28.6516, 0.3284,
0.3461


 77.3292, 0.3240,
0.3413

 18.8174, 0.3308,
0.3486


 101.2281, 0.3230,
0.3402

 11.5384, 0.3340,
0.3521


129.6041, 0.3222,
0.3393

 6.4302, 0.3385,
0.3571

162.8417, 0.3215,
0.3386

 3.1084, 0.3455,
0.3648

201.3252, 0.3209,
0.3379

 1.1886, 0.3585,
0.3789

245.4391, 0.3204,

 0.0524, 0.4651,

0.3373

0.5349

295.5677, 0.3199,
0.3368

0.0000, 0.0000,
0.0000

41.4254, 0.3266,
0.3441

41.4254, 0.3266,
0.3441

38.7819, 0.3434,
0.3615

44.2488, 0.3113,
0.3274

36.3081, 0.3616,
0.3794

47.2512, 0.2975,
0.3118

34.0007, 0.3810,
0.3971

50.4387, 0.2852,
0.2972

31.8545, 0.4011,
0.4139

53.8155, 0.2742,
0.2837

29.8637, 0.4213,
0.4288

57.3854, 0.2643,
0.2714

■ 28.0218, 0.4408,
0.4409

■ 60.3407, 0.2620,
0.2723

■ 26.3220, 0.4586,
0.4489

■ 63.0413, 0.2628,
0.2788

■ 24.7561, 0.4738,
0.4523

■ 65.8366, 0.2635,
0.2853

■ 23.3102, 0.4863,
0.4513

■ 68.7276, 0.2643,
0.2917

Harmonies

Analogous

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



41.4254, 0.3305, 0.3395



41.4254, 0.3266, 0.3441



41.4254, 0.3190, 0.3447

Triad

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



41.4254, 0.3266, 0.3441



41.4254, 0.2962, 0.3255



41.4254, 0.3155, 0.3176

Complementary

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



41.4254, 0.3266, 0.3441



38.0292, 0.2990, 0.3134

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.



41.4254, 0.3063, 0.3139



41.4254, 0.3266, 0.3441



41.4254, 0.2953, 0.3183

Square

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



41.4254, 0.3266, 0.3441



41.4254, 0.3015, 0.3338



41.4254, 0.2989, 0.3141



41.4254, 0.3240, 0.3242

Rectangle

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



41.4254, 0.3266, 0.3441



41.4254, 0.3129, 0.3426



41.4254, 0.2989, 0.3141



41.4254, 0.3123, 0.3159

Sweetspot

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



41.4272, 0.3266, 0.3441



77.1749, 0.3173, 0.3340



37.5956, 0.3235, 0.3220



16.6376, 0.3185, 0.3353



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.



41.4272, 0.3266, 0.3441



73.1435, 0.3301, 0.3478



43.0283, 0.3233, 0.3510



9.4491, 0.3271, 0.3446



16.9023, 0.4866, 0.4518



0.6304, 0.4637, 0.4700

Inverse Universe

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



38.0292, 0.2990, 0.3134



65.7222, 0.2956, 0.3095



36.5523, 0.3016, 0.3064



8.6496, 0.2985, 0.3129



4.4031, 0.1626, 0.1053



0.2456, 0.1790, 0.1643

Previews

White Background



This preview shows how the Yxy color 41.4254, 0.3266, 0.3441 looks on a white background.

Color Contrast Check

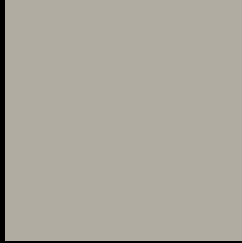
Large Text (above 18pt) WCAG AA × Fail

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 41.4254, 0.3266, 0.3441 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

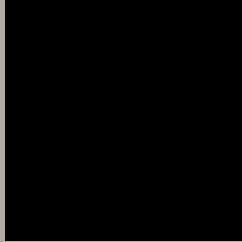
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

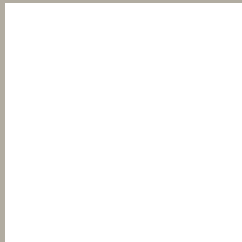
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 41.4254, 0.3266, 0.3441

Background



This preview shows how black text looks on a background with the Yxy color 41.4254, 0.3266, 0.3441.

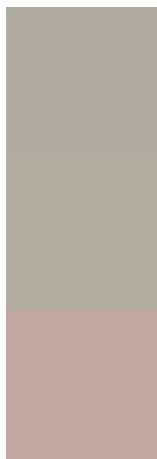


This preview shows how white text looks on a background with the Yxy color 41.4254, 0.3266, 0.3441.

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

41.4254, 0.3266, 0.3441

Protanopia

41.5432, 0.3275, 0.3441

Deuteranopia

41.2185, 0.3419, 0.3343



Tritanopia

41.4566, 0.3117, 0.3117

Trichromacy



Original Color

41.4254, 0.3266, 0.3441

Protanomaly

41.5432, 0.3275, 0.3441

Deuteranomaly

41.1787, 0.3358, 0.3371

Tritanomaly

41.3891, 0.3175, 0.3236

Monochromacy



Original Color

41.4254, 0.3266, 0.3441

Achromatopsia

41.2543, 0.3127, 0.3290

Achromatomaly

41.3309, 0.3179, 0.3345

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.4254, 0.3266, 0.3441 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(177, 172, 161)` looks like.

```
.text, #text, p{  
    color:rgb(177, 172, 161)  
}
```

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(177, 172, 161) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 172, 161) }
```

Border

The CSS property to change the border of an element to Yxy 41.4254, 0.3266, 0.3441 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(177, 172, 161) }
```

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

```
.border{ border-color:rgb(177, 172, 161) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 172, 161)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 172, 161); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 172, 161);  
box-shadow:4px 4px 4px 4px rgb(177, 172,  
161) }
```


Background

The CSS property to change the background color of an element to Yxy 41.4254, 0.3266, 0.3441 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 172, 161) }
```

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

```
.background{ background-color: rgb(177,  
172, 161) }
```

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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