

Converting Colors

$Yxy(42.0562, 0.3404, 0.3366)$

Have a look what the booklet for
Yxy(42.0562, 0.3404, 0.3366)
contains.

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Color

Yxy(41.9871, 0.3406, 0.3356)

Conversions

Conversions Part 1

Format	Color
Hex	C1A8A3
RGB	193, 168, 163
RGB Percent	76%, 66%, 64%
CMY	0.2430, 0.3412, 0.3608
CMYK	0.00, 0.13, 0.16, 0.24
HSL	10°, 20%, 70%
HSV	10°, 16%, 76%
XYZ	42.6127, 41.9871, 40.5108
YIQ	174.9050, 16.5050, 3.7450

Conversions

Conversions Part 2

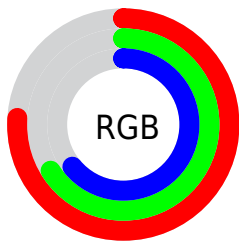
Format	Color
RYB	193, 169, 163
Decimal	12691619
CIELab	70.86, 8.28, 5.92
CIELCh	71, 10.172, 35.557
Yxy	41.9871, 0.3406, 0.3356
Android (android.graphics.Color)	4290881699 (0xFFC1A8A3)
YUV	174.9050, -5.8692, 15.8693
Hunter-Lab	64.7975, 3.9911, 8.2906

Details

The Yxy color **41.9871, 0.3406, 0.3356** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **47.6261, 0.2892, 0.3223**, and the grayscale version is **42.8454, 0.3127, 0.3290**.

A 20% lighter version of the original color is **78.1613, 0.3355, 0.3342**, and **19.1274, 0.3493, 0.3381** is the 20% darker color. If you saturate the color by 10%, you get **35.7687, 0.3635, 0.3402**, and if you desaturate by 10%, it is **49.0507, 0.3217, 0.3313**.

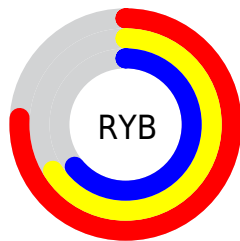
Distribution



Red (76%)

Green (66%)

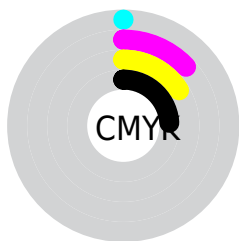
Blue (64%)



Red (76%)

Yellow (66%)

Blue (64%)

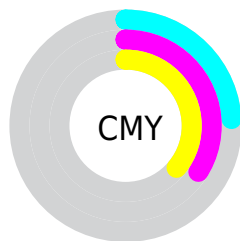


Cyan (0%)

Magenta (13%)

Yellow (16%)

Black (24%)



Cyan (24%)


Magenta (34%)


Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 41.9871, 0.3406, 0.3356 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 41.9871, 0.3406, 0.3356 by changing the saturation by 10% instead.

 41.9871, 0.3406,
0.3356


 41.9871, 0.3406,
0.3356

354.4295, 0.3263,
0.3324

 29.0912, 0.3443,
0.3364


 78.1801, 0.3353,
0.3345

 19.1498, 0.3491,
0.3373


 102.2460, 0.3334,
0.3340

 11.7786, 0.3555,
0.3386


130.8040, 0.3317,
0.3337

 6.5931, 0.3648,
0.3403

164.2385, 0.3303,
0.3333

 3.2090, 0.3792,
0.3426

202.9339, 0.3291,
0.3331

 1.2418, 0.4045,
0.3460

247.2746, 0.3281,

 0.0954, 0.7541,

0.3328

0.2459

297.6450, 0.3272,
0.3326

0.0000, 0.0000,
0.0000

41.9871, 0.3406,
0.3356

41.9871, 0.3406,
0.3356

35.7687, 0.3635,
0.3402

49.0507, 0.3217,
0.3313

30.3583, 0.3912,
0.3448

56.9838, 0.3062,
0.3273

25.7243, 0.4240,
0.3492

65.8167, 0.2934,
0.3236

21.8309, 0.4619,
0.3528

75.5763, 0.2828,
0.3203

18.6391, 0.5036,
0.3549

85.9940, 0.2762,
0.3220

■ 16.1068, 0.5460,
0.3547

■ 90.0821, 0.2768,
0.3289

■ 14.1868, 0.5844,
0.3515

■ 12.8256, 0.6136,
0.3454

■ 12.3780, 0.6238,
0.3429

Harmonies

Analogous

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



41.9871, 0.3325, 0.3229



41.9871, 0.3406, 0.3356



41.9871, 0.3410, 0.3470

Triad

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



41.9871, 0.3406, 0.3356



41.9871, 0.3060, 0.3471



41.9871, 0.2918, 0.3046

Complementary

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



41.9871, 0.3406, 0.3356



47.6261, 0.2892, 0.3223

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.



41.9871, 0.2851, 0.3103



41.9871, 0.3406, 0.3356



41.9871, 0.2932, 0.3349

Square

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



41.9871, 0.3406, 0.3356



41.9871, 0.3208, 0.3541



41.9871, 0.2856, 0.3214



41.9871, 0.3041, 0.3053

Rectangle

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



41.9871, 0.3406, 0.3356



41.9871, 0.3369, 0.3523



41.9871, 0.2856, 0.3214



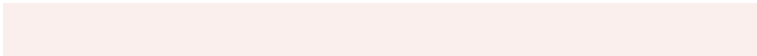
41.9871, 0.2888, 0.3058

Sweetspot

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



41.9890, 0.3406, 0.3356



88.4580, 0.3209, 0.3311



41.1922, 0.3184, 0.2965



18.7731, 0.3221, 0.3314



97.7402, 0.3127, 0.3290



20.4902, 0.3127, 0.3290

Same Dimension

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



41.9890, 0.3406, 0.3356



70.8328, 0.3487, 0.3373



47.6579, 0.3377, 0.3542



10.3421, 0.3285, 0.3329



8.3099, 0.6220, 0.3443



0.4453, 0.5830, 0.3753

Inverse Universe

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



47.6261, 0.2892, 0.3223



83.0245, 0.2837, 0.3206



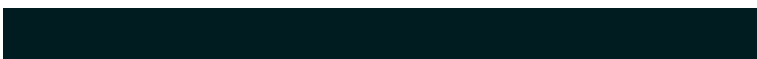
41.7243, 0.2884, 0.3025



11.1345, 0.2984, 0.3251



19.6037, 0.2100, 0.2758



0.9244, 0.2136, 0.2889

Previews

White Background



This preview shows how the Yxy color 41.9871, 0.3406, 0.3356 looks on a white background.

Color Contrast Check

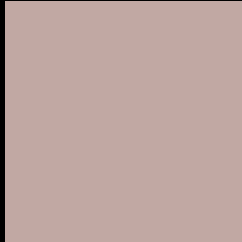
Large Text (above 18pt) WCAG AA × Fail

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 41.9871, 0.3406, 0.3356 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

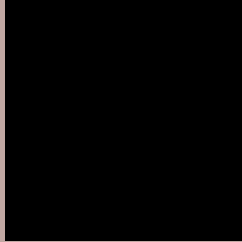
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.9871, 0.3406, 0.3356

Background



This preview shows how black text looks on a background with the Yxy color 41.9871, 0.3406, 0.3356.



This preview shows how white text looks on a background with the Yxy color 41.9871, 0.3406, 0.3356.

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

41.9871, 0.3406, 0.3356

Protanopia

42.1053, 0.3231, 0.3385

Deuteranopia

42.1189, 0.3415, 0.3356



Tritanopia

42.1292, 0.3283, 0.3124

Trichromacy



Original Color

41.9871, 0.3406, 0.3356

Protanomaly

41.9097, 0.3288, 0.3371

Deuteranomaly

42.1189, 0.3415, 0.3356

Tritanomaly

42.1239, 0.3326, 0.3213

Monochromacy



Original Color

41.9871, 0.3406, 0.3356

Achromatopsia

42.8690, 0.3127, 0.3290

Achromatomaly

42.3904, 0.3226, 0.3304

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.9871, 0.3406, 0.3356 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(193, 168, 163)` looks like.

```
.text, #text, p{  
    color:rgb(193, 168, 163)  
}
```

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(193, 168, 163) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 168, 163) }
```

Border

The CSS property to change the border of an element to Yxy 41.9871, 0.3406, 0.3356 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(193, 168, 163) }
```

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

```
.border{ border-color:rgb(193, 168, 163) }
```

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

Here you see how a box with a 4 pixel `rgb(193, 168, 163)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 168, 163); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 168, 163);  
box-shadow:4px 4px 4px 4px rgb(193, 168,  
163) }
```


Background

The CSS property to change the background color of an element to Yxy 41.9871, 0.3406, 0.3356 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 168, 163) }
```

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

```
.background{ background-color: rgb(193,  
168, 163) }
```

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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