

Converting Colors

$Yxy(41.9429, 0.3543, 0.3410)$

Have a look what the booklet for
Yxy(41.9429, 0.3543, 0.3410)
contains.

Yxy(41.9861, 0.3533, 0.3407)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(41.9861, 0.3533, 0.3407)

Conversions

Conversions Part 1

Format	Color
Hex	C8A69D
RGB	200, 166, 157
RGB Percent	78%, 65%, 62%
CMY	0.2157, 0.3490, 0.3843
CMYK	0.00, 0.17, 0.21, 0.22
HSL	13°, 28%, 70%
HSV	13°, 21%, 78%
XYZ	43.5389, 41.9861, 37.7099
YIQ	175.1400, 23.1530, 4.4090

Conversions

Conversions Part 2

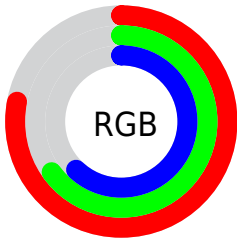
Format	Color
R _Y B	200, 168, 157
Decimal	13149853
CIE Lab	70.86, 11.03, 9.31
CIE LCh	71, 14.434, 40.160
Yxy	41.9861, 0.3533, 0.3407
Android (android.graphics.Color)	4291339933 (0xFFC8A69D)
YUV	175.1400, -8.9430, 21.8022
Hunter-Lab	64.7967, 6.5454, 10.8526

Details

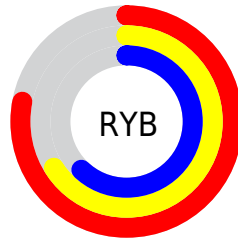
The Yxy color **41.9861, 0.3533, 0.3407** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **48.5919, 0.2802, 0.3170**, and the grayscale version is **42.9847, 0.3127, 0.3290**.

A 20% lighter version of the original color is **77.7264, 0.3436, 0.3382**, and **19.0950, 0.3648, 0.3432** is the 20% darker color. If you saturate the color by 10%, you get **35.9606, 0.3784, 0.3465**, and if you desaturate by 10%, it is **48.8337, 0.3324, 0.3351**.

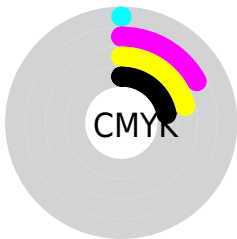
Distribution



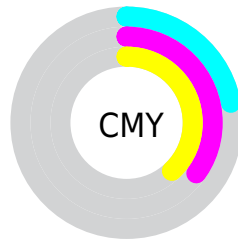
- Red (78%)
- Green (65%)
- Blue (62%)



- Red (78%)
- Yellow (66%)
- Blue (62%)



- Cyan (0%)
- Magenta (17%)
- Yellow (21%)
- Black (22%)





- Cyan (22%)
- Magenta (35%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 41.9861, 0.3533, 0.3407 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 41.9861, 0.3533, 0.3407 by changing the saturation by 10% instead.

 41.9861, 0.3533,
0.3407

 41.9861, 0.3533,
0.3407

354.4253, 0.3325,
0.3351

 29.0904, 0.3587,
0.3420


 78.1786, 0.3456,
0.3387

 19.1492, 0.3656,
0.3437


 102.2442, 0.3428,
0.3379

 11.7782, 0.3751,
0.3458

130.8018, 0.3404,
0.3373

 6.5928, 0.3886,
0.3485

164.2360, 0.3383,
0.3367

 3.2088, 0.4094,
0.3522

202.9310, 0.3366,
0.3362

 1.2417, 0.4494,
0.3598

247.2713, 0.3350,

 0.0954, 0.7906,

0.3358

0.2094

297.6413, 0.3337,
0.3354

0.0000, 0.0000,
0.0000

41.9861, 0.3533,
0.3407

41.9861, 0.3533,
0.3407

35.9606, 0.3784,
0.3465

48.8337, 0.3324,
0.3351

30.7207, 0.4083,
0.3523

56.5271, 0.3150,
0.3298

26.2352, 0.4430,
0.3573

65.0960, 0.3007,
0.3249

22.4689, 0.4818,
0.3610

74.5668, 0.2887,
0.3204

19.3836, 0.5228,
0.3624

84.8357, 0.2798,
0.3184

■ 16.9374, 0.5622,
0.3605

■ 91.0174, 0.2805,
0.3289

■ 15.0834, 0.5954,
0.3550

■ 13.9259, 0.6167,
0.3485

Harmonies

Analogous

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



41.9861, 0.3432, 0.3229



41.9861, 0.3533, 0.3407



41.9861, 0.3521, 0.3563

Triad

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



41.9861, 0.3533, 0.3407



41.9861, 0.3000, 0.3526



41.9861, 0.2854, 0.2942

Complementary

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



41.9861, 0.3533, 0.3407



48.5919, 0.2802, 0.3170

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.



41.9861, 0.2747, 0.3006



41.9861, 0.3533, 0.3407



41.9861, 0.2829, 0.3343

Square

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



41.9861, 0.3533, 0.3407



41.9861, 0.3209, 0.3641



41.9861, 0.2738, 0.3151



41.9861, 0.3035, 0.2967

Rectangle

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



41.9861, 0.3533, 0.3407



41.9861, 0.3451, 0.3632



41.9861, 0.2738, 0.3151



41.9861, 0.2808, 0.2954

Sweetspot

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



41.9880, 0.3533, 0.3407



91.5779, 0.3226, 0.3321



40.1722, 0.3229, 0.2862



19.4124, 0.3237, 0.3325



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

Same Dimension

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



41.9880, 0.3533, 0.3407



67.4392, 0.3650, 0.3435



50.2916, 0.3479, 0.3669



10.9910, 0.3284, 0.3339



8.9625, 0.6145, 0.3503



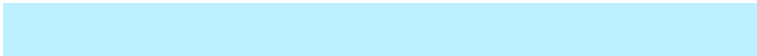
0.5320, 0.5739, 0.3825

Inverse Universe

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



48.5919, 0.2802, 0.3170



80.9767, 0.2731, 0.3139



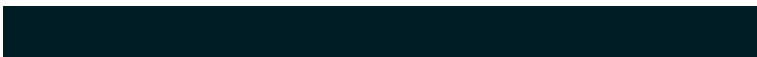
40.0502, 0.2782, 0.2880



11.6757, 0.2984, 0.3240



18.3549, 0.2058, 0.2609



0.9666, 0.2102, 0.2766

Previews

White Background



This preview shows how the Yxy color 41.9861, 0.3533, 0.3407 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 41.9861, 0.3533, 0.3407 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

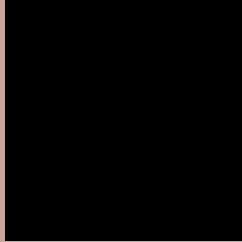
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 41.9861, 0.3533, 0.3407

Background



This preview shows how black text looks on a background with the Yxy color 41.9861, 0.3533, 0.3407.



This preview shows how white text looks on a background with the Yxy color 41.9861, 0.3533, 0.3407.

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

41.9861, 0.3533, 0.3407

Protanopia

42.1636, 0.3292, 0.3453

Deuteranopia

41.9421, 0.3502, 0.3421



Tritanopia

41.8855, 0.3381, 0.3127

Trichromacy



Original Color

41.9861, 0.3533, 0.3407

Protanomaly

41.8523, 0.3372, 0.3424

Deuteranomaly

42.0775, 0.3511, 0.3421

Tritanomaly

41.8330, 0.3435, 0.3227

Monochromacy



Original Color

41.9861, 0.3533, 0.3407

Achromatopsia

42.8690, 0.3127, 0.3290

Achromatomaly

42.5225, 0.3270, 0.3344

CSS Examples

Text

The CSS property to change the color of the text to Yxy 41.9861, 0.3533, 0.3407 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(200, 166, 157)` looks like.

```
.text, #text, p{  
    color:rgb(200, 166, 157)  
}
```

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(200, 166, 157) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 166, 157) }
```

Border

The CSS property to change the border of an element to Yxy 41.9861, 0.3533, 0.3407 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(200, 166, 157) }
```

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

```
.border{ border-color:rgb(200, 166, 157) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 166, 157)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 166, 157); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 166, 157);  
box-shadow:4px 4px 4px 4px rgb(200, 166,  
157) }
```


Background

The CSS property to change the background color of an element to Yxy 41.9861, 0.3533, 0.3407 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 166, 157) }
```

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

```
.background{ background-color: rgb(200,  
166, 157) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor