

Converting Colors

$Yxy(33.9534, 0.3716, 0.3076)$

Have a look what the booklet for
Yxy(33.9534, 0.3716, 0.3076)
contains.

Yxy(33.9534, 0.3716, 0.3076)	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(33.9534, 0.3716, 0.3076)

Conversions

Conversions Part 1

Format	Color
Hex	D08A9B
RGB	208, 138, 155
RGB Percent	82%, 54%, 61%
CMY	0.1843, 0.4588, 0.3921
CMYK	0.00, 0.34, 0.25, 0.18
HSL	345°, 43%, 68%
HSV	345°, 34%, 82%
XYZ	41.0178, 33.9534, 35.4104
YIQ	160.8680, 36.2630, 20.1270

Conversions

Conversions Part 2

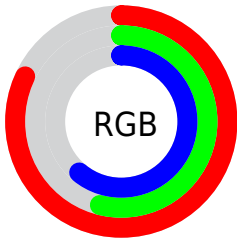
Format	Color
R _Y B	208, 138, 155
Decimal	13666971
CIE Lab	64.93, 29.03, 1.99
CIE LCh	65, 29.097, 3.921
Yxy	33.9534, 0.3716, 0.3076
Android (android.graphics.Color)	4291857051 (0xFFD08A9B)
YUV	160.8680, -2.8929, 41.3348
Hunter-Lab	58.2695, 23.6802, 4.7581

Details

The Yxy color **33.9534, 0.3716, 0.3076** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **54.2747, 0.2752, 0.3519**, and the grayscale version is **35.5785, 0.3127, 0.3290**.

A 20% lighter version of the original color is **63.5627, 0.3510, 0.3116**, and **14.4913, 0.3908, 0.3004** is the 20% darker color. If you saturate the color by 10%, you get **28.0521, 0.3982, 0.3012**, and if you desaturate by 10%, it is **41.0698, 0.3497, 0.3142**.

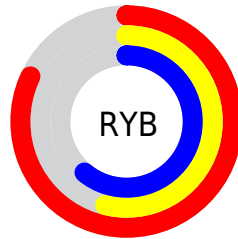
Distribution



Red (82%)

Green (54%)

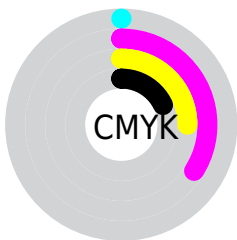
Blue (61%)



Red (82%)

Yellow (54%)

Blue (61%)

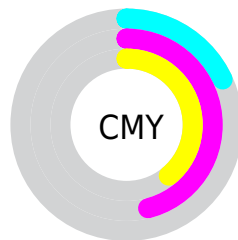


Cyan (0%)

Magenta (34%)

Yellow (25%)

Black (18%)



Cyan (18%)


Magenta (46%)


Yellow (39%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 33.9534, 0.3716, 0.3076 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 33.9534, 0.3716, 0.3076 by changing the saturation by 10% instead.


 33.9534, 0.3716,
0.3076


 33.9534, 0.3716,
0.3076

319.9242, 0.3405,
0.3191

 22.8578, 0.3799,
0.3045


 65.8612, 0.3599,
0.3120

 14.4885, 0.3909,
0.3003


 87.4422, 0.3556,
0.3135

 8.4612, 0.4062,
0.2945

 113.2871, 0.3521,
0.3148

 4.3915, 0.4288,
0.2857

143.7803, 0.3491,
0.3159

 1.8949, 0.4654,
0.2712

179.3062, 0.3465,
0.3169

 0.5453, 0.5631,
0.2383

220.2493, 0.3442,

 0.0000, 1.0000,

0.3177

0.0000

266.9938, 0.3423,
0.3184

0.0000, 0.0000,
0.0000

33.9534, 0.3716,
0.3076

33.9534, 0.3716,
0.3076

28.0521, 0.3982,
0.3012

41.0698, 0.3497,
0.3142

23.2928, 0.4297,
0.2957

49.4591, 0.3318,
0.3207

19.6024, 0.4657,
0.2920


59.1814, 0.3173,
0.3269


16.8970, 0.5048,
0.2911


70.2915, 0.3055,
0.3326

15.0799, 0.5437,
0.2939

82.8410, 0.2960,
0.3378

 14.0348, 0.5784,
0.3008

 91.7990, 0.2878,
0.3346

 13.6446, 0.5970,
0.3062

 92.1494, 0.2849,
0.3289

Harmonies

Analogous

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



33.9534, 0.3282, 0.2780



33.9534, 0.3716, 0.3076



33.9534, 0.3988, 0.3433

Triad

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



33.9534, 0.3716, 0.3076



33.9534, 0.3377, 0.4099



33.9534, 0.2314, 0.2723

Complementary

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



33.9534, 0.3716, 0.3076



54.2747, 0.2752, 0.3519

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.



33.9534, 0.2336, 0.3048



33.9534, 0.3716, 0.3076



33.9534, 0.2930, 0.3893

Square

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



33.9534, 0.3716, 0.3076



33.9534, 0.3775, 0.4040



33.9534, 0.2553, 0.3486



33.9534, 0.2488, 0.2573

Rectangle

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



33.9534, 0.3716, 0.3076



33.9534, 0.4030, 0.3672



33.9534, 0.2553, 0.3486



33.9534, 0.2299, 0.2813

Sweetspot

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



33.9550, 0.3716, 0.3076



83.6144, 0.3263, 0.3229



33.7438, 0.2998, 0.2418



17.4421, 0.3285, 0.3220



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.



33.9550, 0.3716, 0.3076



47.2486, 0.3892, 0.3032



38.8550, 0.3835, 0.3514



11.8547, 0.3253, 0.3234



8.5173, 0.5935, 0.3043



0.4891, 0.5403, 0.2750

Inverse Universe

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



33.9550, 0.3716, 0.3076



47.2486, 0.3892, 0.3032



47.0010, 0.2623, 0.3052



11.8547, 0.3253, 0.3234



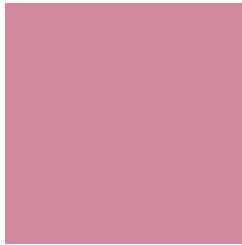
8.5173, 0.5935, 0.3043



0.4891, 0.5403, 0.2750

Previews

White Background



This preview shows how the Yxy color 33.9534, 0.3716, 0.3076 looks on a white background.

Color Contrast Check

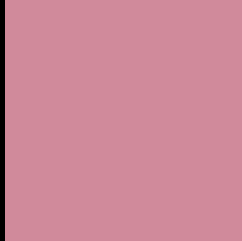
Large Text (above 18pt) WCAG AA × Fail

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 33.9534, 0.3716, 0.3076 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

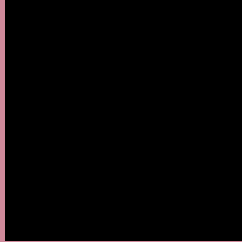
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 33.9534, 0.3716, 0.3076

Background



This preview shows how black text looks on a background with the Yxy color 33.9534, 0.3716, 0.3076.



This preview shows how white text looks on a background with the Yxy color 33.9534, 0.3716, 0.3076.

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

33.9534, 0.3716, 0.3076

Protanopia

34.1362, 0.3056, 0.3158

Deuteranopia

34.1634, 0.3361, 0.3305



Tritanopia

33.9006, 0.3770, 0.3164

Trichromacy



Original Color

33.9534, 0.3716, 0.3076

Protanomaly

33.6514, 0.3278, 0.3122

Deuteranomaly

34.0445, 0.3487, 0.3223

Tritanomaly

33.9650, 0.3747, 0.3139

Monochromacy



Original Color

33.9534, 0.3716, 0.3076

Achromatopsia

35.6400, 0.3127, 0.3290

Achromatomaly

34.7506, 0.3323, 0.3207

CSS Examples

Text

The CSS property to change the color of the text to Yxy 33.9534, 0.3716, 0.3076 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(208, 138, 155)` looks like.

```
.text, #text, p{  
    color:rgb(208, 138, 155)  
}
```

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(208, 138, 155) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(208, 138, 155) }
```

Border

The CSS property to change the border of an element to Yxy 33.9534, 0.3716, 0.3076 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(208, 138, 155) }
```

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

```
.border{ border-color:rgb(208, 138, 155) }
```

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

Here you see how a box with a 4 pixel `rgb(208, 138, 155)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(208, 138, 155); -webkit-box-  
shadow:4px 4px 4px 4px rgb(208, 138, 155);  
box-shadow:4px 4px 4px 4px rgb(208, 138,  
155) }
```


Background

The CSS property to change the background color of an element to Yxy 33.9534, 0.3716, 0.3076 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(208, 138, 155) }
```

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

```
.background{ background-color: rgb(208,  
138, 155) }
```

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