

Converting Colors

$Y_{xy}(32.9995, 0.3906, 0.3234)$

Have a look what the booklet for
Yxy(32.9995, 0.3906, 0.3234)
contains.

Yxy(33.0571, 0.3906, 0.3241)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(33.0571, 0.3906, 0.3241)

Conversions

Conversions Part 1

Format	Color
Hex	D1888C
RGB	209, 136, 140
RGB Percent	82%, 53%, 55%
CMY	0.1803, 0.4667, 0.4509
CMYK	0.00, 0.35, 0.33, 0.18
HSL	357°, 44%, 68%
HSV	357°, 35%, 82%
XYZ	39.8399, 33.0571, 29.0996
YIQ	158.2830, 42.2240, 16.7200

Conversions

Conversions Part 2

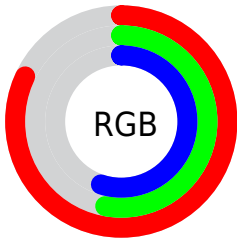
Format	Color
R _Y B	209, 136, 140
Decimal	13731980
CIE Lab	64.21, 28.47, 9.46
CIE LCh	64, 30.004, 18.381
Yxy	33.0571, 0.3906, 0.3241
Android (android.graphics.Color)	4291922060 (0xFFD1888C)
YUV	158.2830, -9.0135, 44.4788
Hunter-Lab	57.4953, 23.0701, 10.2387

Details

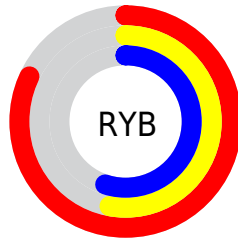
The Yxy color **33.0571, 0.3906, 0.3241** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **55.2568, 0.2660, 0.3342**, and the grayscale version is **34.3559, 0.3127, 0.3290**.

A 20% lighter version of the original color is **61.9372, 0.3647, 0.3260**, and **14.0075, 0.4176, 0.3209** is the 20% darker color. If you saturate the color by 10%, you get **27.2032, 0.4254, 0.3228**, and if you desaturate by 10%, it is **40.1668, 0.3620, 0.3255**.

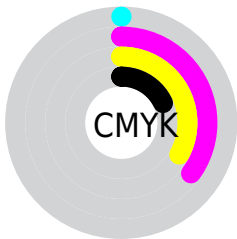
Distribution



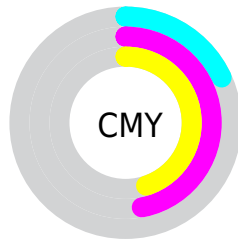
- Red (82%)
- Green (53%)
- Blue (55%)



- Red (82%)
- Yellow (53%)
- Blue (55%)



- Cyan (0%)
- Magenta (35%)
- Yellow (33%)
- Black (18%)





- Cyan (18%)
- Magenta (47%)
- Yellow (45%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 33.0571, 0.3906, 0.3241 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 33.0571, 0.3906, 0.3241 by changing the saturation by 10% instead.


 33.0571, 0.3906,
0.3241


 33.0571, 0.3906,
0.3241


315.9069, 0.3491,
0.3276


 22.1702, 0.4018,
0.3228


 64.4647, 0.3749,
0.3257

 13.9820, 0.4168,
0.3209


 85.7541, 0.3692,
0.3262

 8.1082, 0.4377,
0.3178


 111.2799, 0.3644,
0.3265

 4.1642, 0.4686,
0.3124

141.4263, 0.3604,
0.3269

 1.7659, 0.5186,
0.3015

176.5778, 0.3569,
0.3271

 0.4658, 0.7159,
0.2841

217.1189, 0.3540,

 0.0000, 1.0000,

0.3273

0.0000

263.4338, 0.3514,
0.3275

0.0000, 0.0000,
0.0000

33.0571, 0.3906,
0.3241

33.0571, 0.3906,
0.3241

27.2032, 0.4254,
0.3228

40.1668, 0.3620,
0.3255

22.5278, 0.4664,
0.3219

48.5943, 0.3389,
0.3270

18.9522, 0.5121,
0.3215

58.4032, 0.3205,
0.3284

16.3866, 0.5582,
0.3222

69.6517, 0.3056,
0.3296

14.7266, 0.5984,
0.3239

82.3946, 0.2937,
0.3308

■ 13.8455, 0.6262,
0.3265

■ 92.2998, 0.2855,
0.3289

■ 13.5852, 0.6351,
0.3272

Harmonies

Analogous

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



33.0571, 0.3517, 0.2897



33.0571, 0.3906, 0.3241



33.0571, 0.4067, 0.3617

Triad

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



33.0571, 0.3906, 0.3241



33.0571, 0.3160, 0.4065



33.0571, 0.2346, 0.2602

Complementary

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



33.0571, 0.3906, 0.3241



55.2568, 0.2660, 0.3342

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.



33.0571, 0.2270, 0.2853



33.0571, 0.3906, 0.3241



33.0571, 0.2716, 0.3731

Square

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



33.0571, 0.3906, 0.3241



33.0571, 0.3614, 0.4133



33.0571, 0.2398, 0.3265



33.0571, 0.2616, 0.2538

Rectangle

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



33.0571, 0.3906, 0.3241



33.0571, 0.4020, 0.3848



33.0571, 0.2398, 0.3265



33.0571, 0.2298, 0.2665

Sweetspot

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



33.0587, 0.3906, 0.3241



83.3401, 0.3295, 0.3277



35.0700, 0.3120, 0.2418



17.3763, 0.3322, 0.3275



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.



33.0587, 0.3906, 0.3241



44.7354, 0.4162, 0.3231



43.2094, 0.3814, 0.3688



11.8187, 0.3282, 0.3278



8.3782, 0.6336, 0.3264



0.4723, 0.6132, 0.3151

Inverse Universe

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



33.0587, 0.3906, 0.3241



44.7354, 0.4162, 0.3231



41.4322, 0.2579, 0.2852



11.8187, 0.3282, 0.3278



8.3782, 0.6336, 0.3264



0.4723, 0.6132, 0.3151

Previews

White Background



This preview shows how the Yxy color 33.0571, 0.3906, 0.3241 looks on a white background.

Color Contrast Check

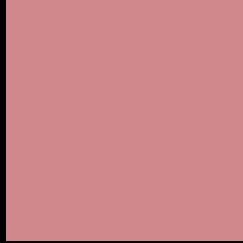
Large Text (above 18pt) WCAG AA × Fail

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 33.0571, 0.3906, 0.3241 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

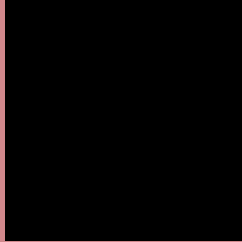
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 33.0571, 0.3906, 0.3241

Background



This preview shows how black text looks on a background with the Yxy color 33.0571, 0.3906, 0.3241.



This preview shows how white text looks on a background with the Yxy color 33.0571, 0.3906, 0.3241.

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

33.0571, 0.3906, 0.3241

Protanopia

33.1183, 0.3223, 0.3365

Deuteranopia

33.0838, 0.3551, 0.3477



Tritanopia

33.0739, 0.3863, 0.3166

Trichromacy



Original Color

33.0571, 0.3906, 0.3241

Protanomaly

32.7201, 0.3463, 0.3320

Deuteranomaly

32.9046, 0.3676, 0.3388

Tritanomaly

33.0128, 0.3886, 0.3191

Monochromacy



Original Color

33.0571, 0.3906, 0.3241

Achromatopsia

34.1914, 0.3127, 0.3290

Achromatomaly

33.3942, 0.3397, 0.3277

CSS Examples

Text

The CSS property to change the color of the text to Yxy 33.0571, 0.3906, 0.3241 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(209, 136, 140)` looks like.

```
.text, #text, p{  
    color:rgb(209, 136, 140)  
}
```

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(209, 136, 140) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(209, 136, 140) }
```

Border

The CSS property to change the border of an element to Yxy 33.0571, 0.3906, 0.3241 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(209, 136, 140) }
```

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

```
.border{ border-color:rgb(209, 136, 140) }
```

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

Here you see how a box with a 4 pixel `rgb(209, 136, 140)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(209, 136, 140); -webkit-box-  
shadow:4px 4px 4px 4px rgb(209, 136, 140);  
box-shadow:4px 4px 4px 4px rgb(209, 136,  
140) }
```


Background

The CSS property to change the background color of an element to Yxy 33.0571, 0.3906, 0.3241 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(209, 136, 140) }
```

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

```
.background{ background-color: rgb(209,  
136, 140) }
```

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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