

Converting Colors

$Y_{xy}(33.0128, 0.3972, 0.3094)$

Have a look what the booklet for
Yxy(33.0128, 0.3972, 0.3094)
contains.

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Color

Yxy(33.1007, 0.3967, 0.3098)

Conversions

Conversions Part 1

Format	Color
Hex	DB8292
RGB	219, 130, 146
RGB Percent	86%, 51%, 57%
CMY	0.1412, 0.4902, 0.4274
CMYK	0.00, 0.41, 0.33, 0.14
HSL	349°, 55%, 68%
HSV	349°, 41%, 86%
XYZ	42.3856, 33.1007, 31.3591
YIQ	158.4350, 47.9080, 23.8440

Conversions

Conversions Part 2

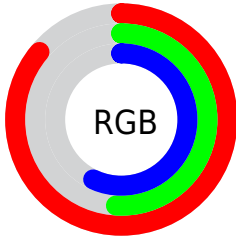
Format	Color
R _Y B	219, 130, 146
Decimal	14385810
CIE Lab	64.24, 36.13, 6.27
CIE LCh	64, 36.668, 9.847
Yxy	33.1007, 0.3967, 0.3098
Android (android.graphics.Color)	4292575890 (0xFFDB8292)
YUV	158.4350, -6.1305, 53.1155
Hunter-Lab	57.5332, 30.8205, 7.9566

Details

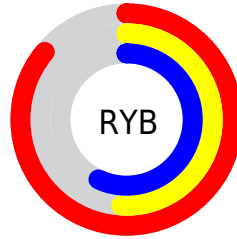
The Yxy color **33.1007, 0.3967, 0.3098** is a light color, and the websafe version is hex **FF9999**. A complement of this color would be **59.7192, 0.2655, 0.3499**, and the grayscale version is **34.4136, 0.3127, 0.3290**.

A 20% lighter version of the original color is **59.7111, 0.3601, 0.3125**, and **14.1179, 0.4244, 0.3025** is the 20% darker color. If you saturate the color by 10%, you get **27.3673, 0.4298, 0.3056**, and if you desaturate by 10%, it is **40.1649, 0.3691, 0.3146**.

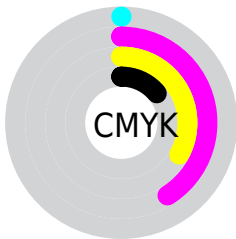
Distribution



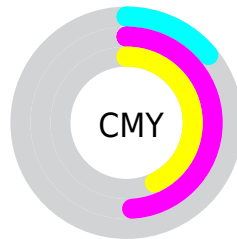
- Red (86%)
- Green (51%)
- Blue (57%)



- Red (86%)
- Yellow (51%)
- Blue (57%)



- Cyan (0%)
- Magenta (41%)
- Yellow (33%)
- Black (14%)





- Cyan (14%)
- Magenta (49%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 33.1007, 0.3967, 0.3098 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 33.1007, 0.3967, 0.3098 by changing the saturation by 10% instead.

 33.1007, 0.3967,
0.3098


 33.1007, 0.3967,
0.3098


316.1032, 0.3521,
0.3207

 22.2036, 0.4087,
0.3066


 64.5327, 0.3798,
0.3141

 14.0066, 0.4247,
0.3023


 85.8364, 0.3737,
0.3156

 8.1252, 0.4469,
0.2959


 111.3778, 0.3686,
0.3168

 4.1752, 0.4796,
0.2860

141.5412, 0.3643,
0.3178

 1.7720, 0.5321,
0.2687

176.7110, 0.3606,
0.3187

 0.4697, 0.7247,
0.2383

217.2717, 0.3573,

 0.0000, 1.0000,

0.3195

0.0000

263.6077, 0.3545,
0.3201

■ 0.0000, 0.0000,
0.0000

■ 33.1007, 0.3967,
0.3098

■ 33.1007, 0.3967,
0.3098

■ 27.3673, 0.4298,
0.3056

■ 40.1649, 0.3691,
0.3146

■ 22.8763, 0.4680,
0.3026

■ 48.6311, 0.3466,
0.3195

■ 19.5365, 0.5098,
0.3018

■ 58.5715, 0.3283,
0.3243


■ 17.2417, 0.5517,
0.3039


■ 70.0517, 0.3136,
0.3287

■ 15.8660, 0.5885,
0.3093

■ 83.1333, 0.3016,
0.3328

 15.2092, 0.6147,
0.3160

 93.7209, 0.2918,
0.3302

 93.7999, 0.2911,
0.3289

Harmonies

Analogous

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



33.1007, 0.3435, 0.2718



33.1007, 0.3967, 0.3098



33.1007, 0.4255, 0.3540

Triad

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



33.1007, 0.3967, 0.3098



33.1007, 0.3318, 0.4311



33.1007, 0.2141, 0.2518

Complementary

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



33.1007, 0.3967, 0.3098



59.7192, 0.2655, 0.3499

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.



33.1007, 0.2117, 0.2874



33.1007, 0.3967, 0.3098



33.1007, 0.2764, 0.3983

Square

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



33.1007, 0.3967, 0.3098



33.1007, 0.3847, 0.4276



33.1007, 0.2333, 0.3417



33.1007, 0.2396, 0.2388

Rectangle

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



33.1007, 0.3967, 0.3098



33.1007, 0.4256, 0.3833



33.1007, 0.2333, 0.3417



33.1007, 0.2107, 0.2612

Sweetspot

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



33.1023, 0.3967, 0.3098



80.4946, 0.3307, 0.3236



33.7328, 0.3017, 0.2246



16.8162, 0.3330, 0.3230



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.



33.1023, 0.3967, 0.3098



39.5234, 0.4254, 0.3061



41.1888, 0.4014, 0.3633



13.0896, 0.3263, 0.3248



9.0300, 0.6116, 0.3143



0.5966, 0.5681, 0.2903

Inverse Universe

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



33.1023, 0.3967, 0.3098



39.5234, 0.4254, 0.3061



47.0424, 0.2512, 0.2911



13.0896, 0.3263, 0.3248



9.0300, 0.6116, 0.3143



0.5966, 0.5681, 0.2903

Previews

White Background



This preview shows how the Yxy color 33.1007, 0.3967, 0.3098 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 33.1007, 0.3967, 0.3098 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 33.1007, 0.3967, 0.3098

Background



This preview shows how black text looks on a background with the Yxy color 33.1007, 0.3967, 0.3098.



This preview shows how white text looks on a background with the Yxy color 33.1007, 0.3967, 0.3098.

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

33.1007, 0.3967, 0.3098

Protanopia

33.2499, 0.3111, 0.3216

Deuteranopia

33.3163, 0.3475, 0.3420



Tritanopia

33.2158, 0.4023, 0.3171

Trichromacy



Original Color

33.1007, 0.3967, 0.3098

Protanomaly

32.6276, 0.3396, 0.3164

Deuteranomaly

32.8346, 0.3661, 0.3292

Tritanomaly

33.2758, 0.3999, 0.3147

Monochromacy



Original Color

33.1007, 0.3967, 0.3098

Achromatopsia

34.1914, 0.3127, 0.3290

Achromatomaly

33.2162, 0.3402, 0.3207

CSS Examples

Text

The CSS property to change the color of the text to Yxy 33.1007, 0.3967, 0.3098 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(219, 130, 146)` looks like.

```
.text, #text, p{  
    color:rgb(219, 130, 146)  
}
```

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(219, 130, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 130, 146) }
```

Border

The CSS property to change the border of an element to Yxy 33.1007, 0.3967, 0.3098 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(219, 130, 146) }
```

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

```
.border{ border-color:rgb(219, 130, 146) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 130, 146)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 130, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 130, 146);  
box-shadow:4px 4px 4px 4px rgb(219, 130,  
146) }
```


Background

The CSS property to change the background color of an element to Yxy 33.1007, 0.3967, 0.3098 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 130, 146) }
```

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

```
.background{ background-color: rgb(219,  
130, 146) }
```

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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