

Converting Colors

$Y_{xy}(36.7792, 0.3830, 0.3176)$

Have a look what the booklet for
Yxy(36.7792, 0.3830, 0.3176)
contains.

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Color

Yxy(36.8173, 0.3838, 0.3182)

Conversions

Conversions Part 1

Format	Color
Hex	DA8F98
RGB	218, 143, 152
RGB Percent	85%, 56%, 60%
CMY	0.1450, 0.4392, 0.4038
CMYK	0.00, 0.34, 0.30, 0.15
HSL	353°, 50%, 71%
HSV	353°, 34%, 85%
XYZ	44.4075, 36.8173, 34.4801
YIQ	166.4510, 41.8110, 18.6990

Conversions

Conversions Part 2

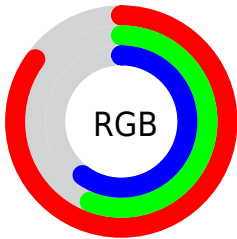
Format	Color
R _Y B	218, 143, 152
Decimal	14323608
CIE Lab	67.14, 29.62, 7.02
CIE LCh	67, 30.440, 13.338
Yxy	36.8173, 0.3838, 0.3182
Android (android.graphics.Color)	4292513688 (0xFFDA8F98)
YUV	166.4510, -7.1243, 45.2085
Hunter-Lab	60.6773, 24.4526, 8.7823

Details

The Yxy color **36.8173, 0.3838, 0.3182** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **60.5919, 0.2692, 0.3404**, and the grayscale version is **38.3844, 0.3127, 0.3290**.

A 20% lighter version of the original color is **65.6487, 0.3525, 0.3199**, and **16.1709, 0.4063, 0.3147** is the 20% darker color. If you saturate the color by 10%, you get **30.3188, 0.4158, 0.3152**, and if you desaturate by 10%, it is **44.6928, 0.3575, 0.3215**.

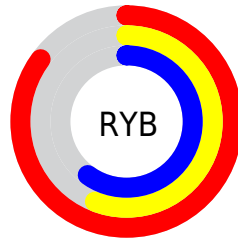
Distribution



Red (85%)

Green (56%)

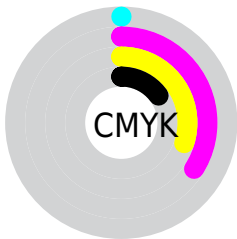
Blue (60%)



Red (85%)

Yellow (56%)

Blue (60%)

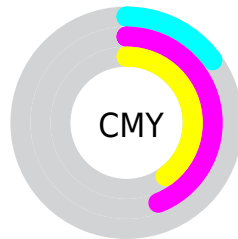


Cyan (0%)

Magenta (34%)

Yellow (30%)

Black (15%)



Cyan (15%)


Magenta (44%)


Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 36.8173, 0.3838, 0.3182 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 36.8173, 0.3838, 0.3182 by changing the saturation by 10% instead.


 36.8173, 0.3838,
0.3182

 36.8173, 0.3838,
0.3182


332.5189, 0.3466,
0.3245

 25.0661, 0.3936,
0.3163


 70.2917, 0.3699,
0.3207

 16.1263, 0.4066,
0.3138


 92.7837, 0.3648,
0.3216

 9.6136, 0.4243,
0.3100


119.6246, 0.3605,
0.3223

 5.1435, 0.4502,
0.3040

151.1991, 0.3569,
0.3229

 2.3317, 0.4909,
0.2935

187.8913, 0.3538,
0.3234

 0.7904, 0.5866,
0.2817

230.0857, 0.3511,

 0.0000, 1.0000,

0.3238

0.0000

278.1668, 0.3487,
0.3241

0.0000, 0.0000,
0.0000

36.8173, 0.3838,
0.3182

36.8173, 0.3838,
0.3182

30.3188, 0.4158,
0.3152

44.6928, 0.3575,
0.3215

25.1132, 0.4538,
0.3128

54.0126, 0.3362,
0.3247

21.1154, 0.4966,
0.3115

64.8459, 0.3191,
0.3277

18.2278, 0.5412,
0.3122

77.2560, 0.3054,
0.3306

16.3377, 0.5824,
0.3150

91.3024, 0.2943,
0.3331

■ 15.3083, 0.6142,
0.3200

■ 93.6475, 0.2906,
0.3289

■ 14.9831, 0.6268,
0.3226

Harmonies

Analogous

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



36.8173, 0.3432, 0.2856



36.8173, 0.3838, 0.3182



36.8173, 0.4040, 0.3550

Triad

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



36.8173, 0.3838, 0.3182



36.8173, 0.3237, 0.4078



36.8173, 0.2335, 0.2645

Complementary

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



36.8173, 0.3838, 0.3182



60.5919, 0.2692, 0.3404

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.



36.8173, 0.2293, 0.2922



36.8173, 0.3838, 0.3182



36.8173, 0.2792, 0.3790

Square

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



36.8173, 0.3838, 0.3182



36.8173, 0.3672, 0.4099



36.8173, 0.2454, 0.3344



36.8173, 0.2570, 0.2551

Rectangle

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



36.8173, 0.3838, 0.3182



36.8173, 0.4024, 0.3784



36.8173, 0.2454, 0.3344



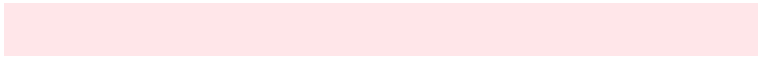
36.8173, 0.2299, 0.2718

Sweetspot

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



36.8191, 0.3838, 0.3182



83.4342, 0.3284, 0.3260



38.1181, 0.3074, 0.2416



17.3989, 0.3309, 0.3256



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.



36.8191, 0.3838, 0.3182



45.8619, 0.4054, 0.3161



45.8288, 0.3823, 0.3624



13.0769, 0.3273, 0.3262



8.9835, 0.6244, 0.3213



0.5906, 0.5895, 0.3021

Inverse Universe

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



36.8191, 0.3838, 0.3182



45.8619, 0.4054, 0.3161



47.9490, 0.2595, 0.2927



13.0769, 0.3273, 0.3262



8.9835, 0.6244, 0.3213



0.5906, 0.5895, 0.3021

Previews

White Background



This preview shows how the Yxy color 36.8173, 0.3838, 0.3182 looks on a white background.

Color Contrast Check

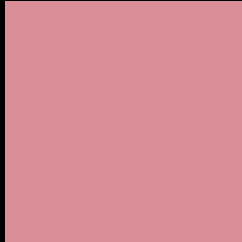
Large Text (above 18pt) WCAG AA × Fail

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 36.8173, 0.3838, 0.3182 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

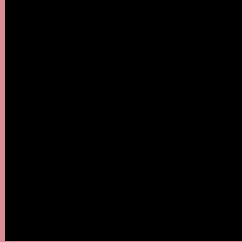
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 36.8173, 0.3838, 0.3182

Background



This preview shows how black text looks on a background with the Yxy color 36.8173, 0.3838, 0.3182.



This preview shows how white text looks on a background with the Yxy color 36.8173, 0.3838, 0.3182.

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

36.8173, 0.3838, 0.3182

Protanopia

37.0542, 0.3165, 0.3290

Deuteranopia

36.9379, 0.3481, 0.3415



Tritanopia

36.8834, 0.3816, 0.3158

Trichromacy



Original Color

36.8173, 0.3838, 0.3182

Protanomaly

36.7192, 0.3398, 0.3250

Deuteranomaly

36.8548, 0.3608, 0.3331

Tritanomaly

36.8503, 0.3827, 0.3170

Monochromacy



Original Color

36.8173, 0.3838, 0.3182

Achromatopsia

38.1326, 0.3127, 0.3290

Achromatomaly

37.3412, 0.3365, 0.3250

CSS Examples

Text

The CSS property to change the color of the text to Yxy 36.8173, 0.3838, 0.3182 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(218, 143, 152)` looks like.

```
.text, #text, p{  
    color:rgb(218, 143, 152)  
}
```

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(218, 143, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(218, 143, 152) }
```

Border

The CSS property to change the border of an element to Yxy 36.8173, 0.3838, 0.3182 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(218, 143, 152) }
```

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

```
.border{ border-color:rgb(218, 143, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(218, 143, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(218, 143, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(218, 143, 152);  
box-shadow:4px 4px 4px 4px rgb(218, 143,  
152) }
```


Background

The CSS property to change the background color of an element to Yxy 36.8173, 0.3838, 0.3182 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(218, 143, 152) }
```

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

```
.background{ background-color: rgb(218,  
143, 152) }
```

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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