

Converting Colors

$Yxy(48.3602, 0.3438, 0.3184)$

Have a look what the booklet for
Yxy(48.3602, 0.3438, 0.3184)
contains.

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Color

Yxy(48.4427, 0.3438, 0.3184)

Conversions

Conversions Part 1

Format	Color
Hex	D9AEB7
RGB	217, 174, 183
RGB Percent	85%, 68%, 72%
CMY	0.1489, 0.3177, 0.2823
CMYK	0.00, 0.20, 0.16, 0.15
HSL	347°, 36%, 77%
HSV	347°, 20%, 85%
XYZ	52.3072, 48.4427, 51.3943
YIQ	187.8830, 22.7390, 11.9150

Conversions

Conversions Part 2

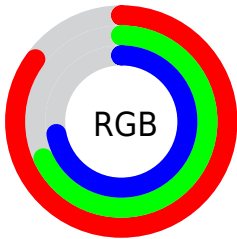
Format	Color
R _Y B	217, 174, 183
Decimal	14266039
CIE Lab	75.10, 17.06, 1.35
CIE LCh	75, 17.109, 4.537
Yxy	48.4427, 0.3438, 0.3184
Android (android.graphics.Color)	4292456119 (0xFFD9AEB7)
YUV	187.8830, -2.4073, 25.5356
Hunter-Lab	69.6008, 12.3469, 4.9399

Details

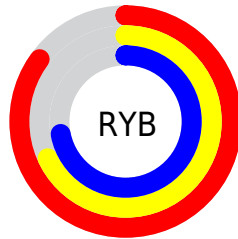
The Yxy color $48.4427, 0.3438, 0.3184$ is a light color, and the websafe version is hex $CC9999$. A complement of this color would be $63.1986, 0.2886, 0.3399$, and the grayscale version is $50.2266, 0.3127, 0.3290$.

A 20% lighter version of the original color is $84.0856, 0.3241, 0.3202$, and $22.9678, 0.3533, 0.3149$ is the 20% darker color. If you saturate the color by 10%, you get $40.0545, 0.3651, 0.3127$, and if you desaturate by 10%, it is $58.2773, 0.3265, 0.3239$.

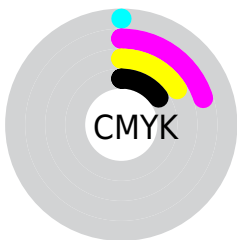
Distribution



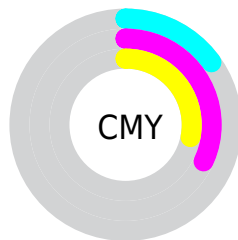
- Red (85%)
- Green (68%)
- Blue (72%)



- Red (85%)
- Yellow (68%)
- Blue (72%)



- Cyan (0%)
- Magenta (20%)
- Yellow (16%)
- Black (15%)




- Cyan (15%)
- Magenta (32%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 48.4427, 0.3438, 0.3184 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 48.4427, 0.3438, 0.3184 by changing the saturation by 10% instead.


 48.4427, 0.3438,
0.3184

 48.4427, 0.3438,
0.3184


380.5442, 0.3283,
0.3237

 34.1776, 0.3476,
0.3171


 87.8632, 0.3382,
0.3203

 23.0301, 0.3526,
0.3153


113.7873, 0.3361,
0.3211

 14.6157, 0.3591,
0.3130

144.3667, 0.3343,
0.3217

 8.5501, 0.3683,
0.3098

179.9855, 0.3328,
0.3222

 4.4489, 0.3818,
0.3049

221.0283, 0.3314,
0.3227

 1.9277, 0.4040,
0.2968

267.8794, 0.3303,

 0.5650, 0.4689,

0.3231

0.2764

320.9232, 0.3292,
0.3234

0.0000, 0.0000,
0.0000

48.4427, 0.3438,
0.3184

48.4427, 0.3438,
0.3184

40.0545, 0.3651,
0.3127

58.2773, 0.3265,
0.3239

33.0381, 0.3912,
0.3071

69.6152, 0.3125,
0.3291

27.3219, 0.4225,
0.3020

82.5184, 0.3012,
0.3339

22.8255, 0.4588,
0.2983

93.2833, 0.2918,
0.3324

19.4594, 0.4989,
0.2968

93.4977, 0.2900,
0.3289

■ 17.1216, 0.5399,
0.2985

■ 15.6915, 0.5772,
0.3038

■ 14.9606, 0.6068,
0.3118

■ 14.9506, 0.6072,
0.3119

Harmonies

Analogous

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



48.4427, 0.3218, 0.3016



48.4427, 0.3438, 0.3184



48.4427, 0.3574, 0.3383

Triad

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



48.4427, 0.3438, 0.3184



48.4427, 0.3262, 0.3700



48.4427, 0.2688, 0.2993

Complementary

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



48.4427, 0.3438, 0.3184



63.1986, 0.2886, 0.3399

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.



48.4427, 0.2700, 0.3170



48.4427, 0.3438, 0.3184



48.4427, 0.3025, 0.3590

Square

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



48.4427, 0.3438, 0.3184



48.4427, 0.3469, 0.3687



48.4427, 0.2821, 0.3391



48.4427, 0.2789, 0.2904

Rectangle

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



48.4427, 0.3438, 0.3184



48.4427, 0.3596, 0.3511



48.4427, 0.2821, 0.3391



48.4427, 0.2679, 0.3044

Sweetspot

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



48.4449, 0.3438, 0.3184



89.8689, 0.3209, 0.3259



48.6481, 0.3072, 0.2788



19.0101, 0.3218, 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.



48.4449, 0.3438, 0.3184



64.2407, 0.3526, 0.3159



53.0100, 0.3491, 0.3435



13.0959, 0.3259, 0.3241



9.0592, 0.6039, 0.3101



0.5996, 0.5583, 0.2849

Inverse Universe

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



48.4449, 0.3438, 0.3184



64.2407, 0.3526, 0.3159



57.5962, 0.2823, 0.3140



13.0959, 0.3259, 0.3241



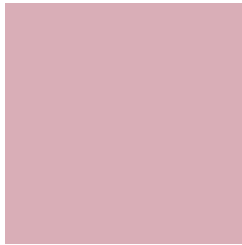
9.0592, 0.6039, 0.3101



0.5996, 0.5583, 0.2849

Previews

White Background



This preview shows how the Yxy color 48.4427, 0.3438, 0.3184 looks on a white background.

Color Contrast Check

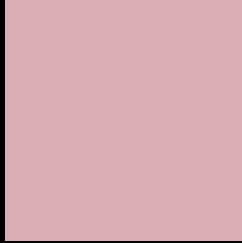
Large Text (above 18pt) WCAG AA × Fail

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 48.4427, 0.3438, 0.3184 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 48.4427, 0.3438, 0.3184

Background



This preview shows how black text looks on a background with the Yxy color 48.4427, 0.3438, 0.3184.



This preview shows how white text looks on a background with the Yxy color 48.4427, 0.3438, 0.3184.

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

48.4427, 0.3438, 0.3184

Protanopia

48.5199, 0.3113, 0.3226

Deuteranopia

48.4550, 0.3322, 0.3254



Tritanopia

48.3804, 0.3413, 0.3126

Trichromacy



Original Color

48.4427, 0.3438, 0.3184

Protanomaly

48.2361, 0.3226, 0.3203

Deuteranomaly

48.3770, 0.3369, 0.3230

Tritanomaly

48.3377, 0.3422, 0.3138

Monochromacy



Original Color

48.4427, 0.3438, 0.3184

Achromatopsia

50.2886, 0.3127, 0.3290

Achromatomaly

49.5543, 0.3240, 0.3253

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.4427, 0.3438, 0.3184 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(217, 174, 183)` looks like.

```
.text, #text, p{  
    color:rgb(217, 174, 183)  
}
```

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(217, 174, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(217, 174, 183) }
```

Border

The CSS property to change the border of an element to Yxy 48.4427, 0.3438, 0.3184 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(217, 174, 183) }
```

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

```
.border{ border-color:rgb(217, 174, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(217, 174, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(217, 174, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(217, 174, 183);  
box-shadow:4px 4px 4px 4px rgb(217, 174,  
183) }
```


Background

The CSS property to change the background color of an element to Yxy 48.4427, 0.3438, 0.3184 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(217, 174, 183) }
```

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

```
.background{ background-color: rgb(217,  
174, 183) }
```

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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