

Converting Colors

$Y_{xy}(48.4312, 0.3410, 0.3103)$

Have a look what the booklet for
Yxy(48.4312, 0.3410, 0.3103)
contains.

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Color

Yxy(48.6213, 0.3405, 0.3103)

Conversions

Conversions Part 1

Format	Color
Hex	DBADB D
RGB	219, 173, 189
RGB Percent	86%, 68%, 74%
CMY	0.1410, 0.3216, 0.2588
CMYK	0.00, 0.21, 0.14, 0.14
HSL	339°, 39%, 77%
HSV	339°, 21%, 86%
XYZ	53.3534, 48.6213, 54.7166
YIQ	188.5780, 22.2800, 14.7280

Conversions

Conversions Part 2

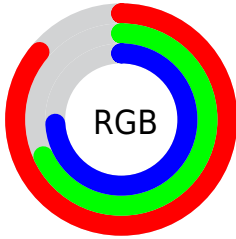
Format	Color
R _Y B	219, 173, 189
Decimal	14396861
CIE Lab	75.22, 19.29, -1.74
CIE LCh	75, 19.366, 354.846
Yxy	48.6213, 0.3405, 0.3103
Android (android.graphics.Color)	4292586941 (0xFFDBADBBD)
YUV	188.5780, 0.2080, 26.6801
Hunter-Lab	69.7290, 14.5542, 2.2852

Details

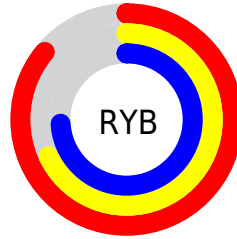
The Yxy color **48.6213, 0.3405, 0.3103** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **63.8855, 0.2911, 0.3486**, and the grayscale version is **50.6277, 0.3127, 0.3290**.

A 20% lighter version of the original color is **83.8912, 0.3203, 0.3134**, and **22.9970, 0.3474, 0.3042** is the 20% darker color. If you saturate the color by 10%, you get **40.3107, 0.3584, 0.3009**, and if you desaturate by 10%, it is **58.3746, 0.3258, 0.3195**.

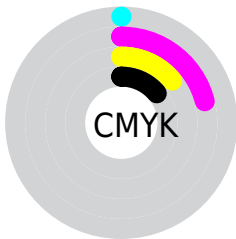
Distribution



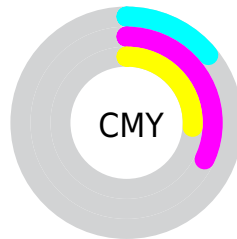
- Red (86%)
- Green (68%)
- Blue (74%)



- Red (86%)
- Yellow (68%)
- Blue (74%)



- Cyan (0%)
- Magenta (21%)
- Yellow (14%)
- Black (14%)





- Cyan (14%)
- Magenta (32%)
- Yellow (26%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 48.6213, 0.3405, 0.3103 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 48.6213, 0.3405, 0.3103 by changing the saturation by 10% instead.


 48.6213, 0.3405,
0.3103

 48.6213, 0.3405,
0.3103


381.2496, 0.3267,
0.3195

 34.3192, 0.3439,
0.3080


 88.1287, 0.3355,
0.3136

 23.1389, 0.3482,
0.3052


114.1028, 0.3337,
0.3149

 14.6961, 0.3540,
0.3014


144.7364, 0.3321,
0.3159

 8.6064, 0.3619,
0.2962

180.4138, 0.3307,
0.3169

 4.4853, 0.3736,
0.2885

221.5194, 0.3295,
0.3176

 1.9486, 0.3926,
0.2764

268.4376, 0.3285,

 0.5773, 0.4375,

0.3183

0.2446

321.5529, 0.3276,
0.3190

0.0000, 0.0000,
0.0000

48.6213, 0.3405,
0.3103

48.6213, 0.3405,
0.3103

40.3107, 0.3584,
0.3009

58.3746, 0.3258,
0.3195

33.3674, 0.3799,
0.2915

69.6281, 0.3138,
0.3281

27.7191, 0.4055,
0.2830

82.4443, 0.3040,
0.3362

23.2842, 0.4350,
0.2763

93.2515, 0.2959,
0.3380

19.9715, 0.4676,
0.2725

93.8079, 0.2912,
0.3289

■ 17.6770, 0.5017,
0.2729

■ 16.2768, 0.5347,
0.2783

■ 15.5919, 0.5614,
0.2866

Harmonies

Analogous

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



48.6213, 0.3140, 0.2935



48.6213, 0.3405, 0.3103



48.6213, 0.3598, 0.3320

Triad

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



48.6213, 0.3405, 0.3103



48.6213, 0.3361, 0.3765



48.6213, 0.2623, 0.3009

Complementary

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



48.6213, 0.3405, 0.3103



63.8855, 0.2911, 0.3486

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.



48.6213, 0.2677, 0.3231



48.6213, 0.3405, 0.3103



48.6213, 0.3096, 0.3685

Square

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



48.6213, 0.3405, 0.3103



48.6213, 0.3569, 0.3706



48.6213, 0.2847, 0.3484



48.6213, 0.2696, 0.2875

Rectangle

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



48.6213, 0.3405, 0.3103



48.6213, 0.3655, 0.3469



48.6213, 0.2847, 0.3484



48.6213, 0.2627, 0.3075

Sweetspot

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



48.6235, 0.3405, 0.3103



89.9974, 0.3195, 0.3239



47.6849, 0.3016, 0.2748



19.0404, 0.3203, 0.3233



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.



48.6235, 0.3405, 0.3103



63.4559, 0.3476, 0.3064



50.6846, 0.3532, 0.3373



13.1259, 0.3237, 0.3209



9.2592, 0.5575, 0.2845



0.6158, 0.5118, 0.2593

Inverse Universe

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



48.6235, 0.3405, 0.3103



63.4559, 0.3476, 0.3064



61.1571, 0.2809, 0.3205



13.1259, 0.3237, 0.3209



9.2592, 0.5575, 0.2845



0.6158, 0.5118, 0.2593

Previews

White Background



This preview shows how the Yxy color 48.6213, 0.3405, 0.3103 looks on a white background.

Color Contrast Check

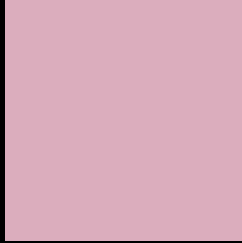
Large Text (above 18pt) WCAG AA × Fail

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 48.6213, 0.3405, 0.3103 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

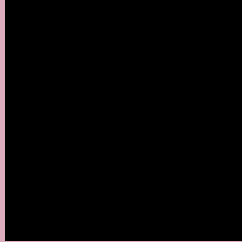
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 48.6213, 0.3405, 0.3103

Background



This preview shows how black text looks on a background with the Yxy color 48.6213, 0.3405, 0.3103.



This preview shows how white text looks on a background with the Yxy color 48.6213, 0.3405, 0.3103.

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

48.6213, 0.3405, 0.3103

Protanopia

48.7056, 0.3051, 0.3138

Deuteranopia

48.8299, 0.3253, 0.3192



Tritanopia

48.5351, 0.3422, 0.3126

Trichromacy



Original Color

48.6213, 0.3405, 0.3103

Protanomaly

48.4985, 0.3177, 0.3130

Deuteranomaly

48.4850, 0.3309, 0.3158

Tritanomaly

48.5780, 0.3413, 0.3115

Monochromacy



Original Color

48.6213, 0.3405, 0.3103

Achromatopsia

50.8881, 0.3127, 0.3290

Achromatomaly

49.8205, 0.3224, 0.3217

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.6213, 0.3405, 0.3103 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, 173, 189)` looks like.

```
.text, #text, p{  
    color:rgb(219, 173, 189)  
}
```

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, 173, 189) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(219, 173, 189) }
```

Border

The CSS property to change the border of an element to Yxy 48.6213, 0.3405, 0.3103 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, 173, 189) }
```

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

```
.border{ border-color:rgb(219, 173, 189) }
```

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

Here you see how a box with a 4 pixel `rgb(219, 173, 189)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(219, 173, 189); -webkit-box-  
shadow:4px 4px 4px 4px rgb(219, 173, 189);  
box-shadow:4px 4px 4px 4px rgb(219, 173,  
189) }
```


Background

The CSS property to change the background color of an element to Yxy 48.6213, 0.3405, 0.3103 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(219, 173, 189) }
```

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

```
.background{ background-color: rgb(219,  
173, 189) }
```

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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