

Converting Colors

$Yxy(48.2663, 0.3327, 0.3031)$

Have a look what the booklet for
Yxy(48.2663, 0.3327, 0.3031)
contains.

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Color

Yxy(48.4262, 0.3325, 0.3032)

Conversions

Conversions Part 1

Format	Color
Hex	D8ADC3
RGB	216, 173, 195
RGB Percent	85%, 68%, 76%
CMY	0.1531, 0.3215, 0.2352
CMYK	0.00, 0.20, 0.10, 0.15
HSL	329°, 35%, 76%
HSV	329°, 20%, 85%
XYZ	53.1059, 48.4262, 58.1849
YIQ	188.3650, 18.5660, 15.9580

Conversions

Conversions Part 2

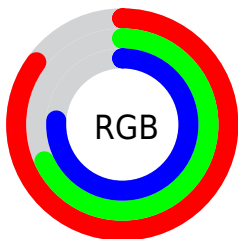
Format	Color
R _Y B	216, 173, 195
Decimal	14200259
CIE Lab	75.09, 19.18, -5.24
CIE LCh	75, 19.879, 344.713
Yxy	48.4262, 0.3325, 0.3032
Android (android.graphics.Color)	4292390339 (0xFFD8ADC3)
YUV	188.3650, 3.2711, 24.2359
Hunter-Lab	69.5889, 14.4394, -0.8615

Details

The Yxy color **48.4262, 0.3325, 0.3032** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **61.8737, 0.2967, 0.3563**, and the grayscale version is **50.4809, 0.3127, 0.3290**.

A 20% lighter version of the original color is **84.3269, 0.3158, 0.3067**, and **22.9331, 0.3388, 0.2963** is the 20% darker color. If you saturate the color by 10%, you get **40.3435, 0.3455, 0.2895**, and if you desaturate by 10%, it is **57.8856, 0.3216, 0.3165**.

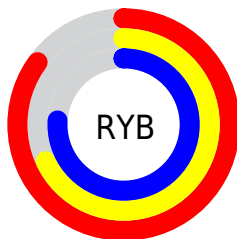
Distribution



Red (85%)

Green (68%)

Blue (76%)



Red (85%)

Yellow (68%)

Blue (76%)

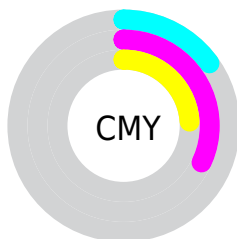


Cyan (0%)

Magenta (20%)

Yellow (10%)

Black (15%)



Cyan (15%)


Magenta (32%)


Yellow (24%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 48.4262, 0.3325, 0.3032 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 48.4262, 0.3325, 0.3032 by changing the saturation by 10% instead.


 48.4262, 0.3325,
0.3032

 48.4262, 0.3325,
0.3032


380.4790, 0.3228,
0.3158

 34.1645, 0.3349,
0.3002


 87.8386, 0.3290,
0.3077

 23.0200, 0.3379,
0.2963


113.7582, 0.3277,
0.3094

 14.6083, 0.3418,
0.2913


144.3325, 0.3266,
0.3109

 8.5449, 0.3473,
0.2844

179.9459, 0.3256,
0.3121

 4.4456, 0.3552,
0.2745

220.9829, 0.3248,
0.3132

 1.9258, 0.3678,
0.2591

267.8278, 0.3240,

 0.5638, 0.3965,

0.3142

0.2203

320.8650, 0.3234,
0.3150

0.0000, 0.0000,
0.0000

48.4262, 0.3325,
0.3032

48.4262, 0.3325,
0.3032

40.3435, 0.3455,
0.2895

57.8856, 0.3216,
0.3165

33.5660, 0.3609,
0.2759

68.7758, 0.3126,
0.3291

28.0259, 0.3788,
0.2632

81.1558, 0.3052,
0.3409

23.6461, 0.3992,
0.2522

92.2372, 0.2990,
0.3474

20.3413, 0.4217,
0.2443

92.8718, 0.2933,
0.3364

■ 18.0138, 0.4455,
0.2407

■ 93.3336, 0.2894,
0.3289

■ 16.5483, 0.4695,
0.2423

■ 15.7405, 0.4926,
0.2488

■ 15.7326, 0.4929,
0.2489

Harmonies

Analogous

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



48.4262, 0.3046, 0.2886



48.4262, 0.3325, 0.3032



48.4262, 0.3557, 0.3242

Triad

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



48.4262, 0.3325, 0.3032



48.4262, 0.3450, 0.3773



48.4262, 0.2614, 0.3069

Complementary

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



48.4262, 0.3325, 0.3032



61.8737, 0.2967, 0.3563

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.



48.4262, 0.2712, 0.3317



48.4262, 0.3325, 0.3032



48.4262, 0.3189, 0.3741

Square

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



48.4262, 0.3325, 0.3032



48.4262, 0.3628, 0.3669



48.4262, 0.2920, 0.3570



48.4262, 0.2645, 0.2898

Rectangle

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



48.4262, 0.3325, 0.3032



48.4262, 0.3648, 0.3397



48.4262, 0.2920, 0.3570



48.4262, 0.2632, 0.3146

Sweetspot

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



48.4284, 0.3325, 0.3032



90.1522, 0.3180, 0.3214



46.2898, 0.2964, 0.2770



19.0769, 0.3186, 0.3206



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.



48.4284, 0.3325, 0.3032



65.1987, 0.3379, 0.2973



47.5333, 0.3513, 0.3283



12.5259, 0.3212, 0.3171



9.3374, 0.4896, 0.2471



0.5799, 0.4526, 0.2267

Inverse Universe

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



48.4284, 0.3325, 0.3032



65.1987, 0.3379, 0.2973



62.8991, 0.2836, 0.3298



12.5259, 0.3212, 0.3171



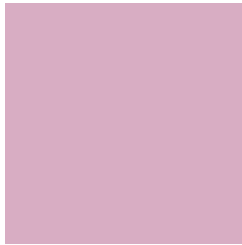
9.3374, 0.4896, 0.2471



0.5799, 0.4526, 0.2267

Previews

White Background



This preview shows how the Yxy color 48.4262, 0.3325, 0.3032 looks on a white background.

Color Contrast Check

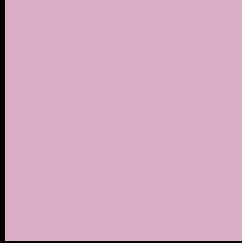
Large Text (above 18pt) WCAG AA × Fail

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 48.4262, 0.3325, 0.3032 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

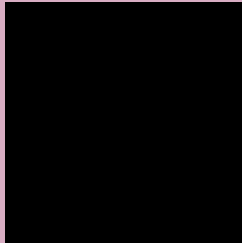
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 48.4262, 0.3325, 0.3032

Background



This preview shows how black text looks on a background with the Yxy color 48.4262, 0.3325, 0.3032.



This preview shows how white text looks on a background with the Yxy color 48.4262, 0.3325, 0.3032.

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

48.4262, 0.3325, 0.3032

Protanopia

48.7356, 0.2990, 0.3064

Deuteranopia

48.6797, 0.3178, 0.3118



Tritanopia

48.3500, 0.3376, 0.3125

Trichromacy



Original Color

48.4262, 0.3325, 0.3032

Protanomaly

48.5018, 0.3113, 0.3056

Deuteranomaly

48.3185, 0.3232, 0.3084

Tritanomaly

48.4808, 0.3350, 0.3089

Monochromacy



Original Color

48.4262, 0.3325, 0.3032

Achromatopsia

50.2886, 0.3127, 0.3290

Achromatomaly

49.6343, 0.3191, 0.3192

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.4262, 0.3325, 0.3032 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(216, 173, 195)` looks like.

```
.text, #text, p{  
    color:rgb(216, 173, 195)  
}
```

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(216, 173, 195) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(216, 173, 195) }
```

Border

The CSS property to change the border of an element to Yxy 48.4262, 0.3325, 0.3032 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(216, 173, 195) }
```

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

```
.border{ border-color:rgb(216, 173, 195) }
```

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

Here you see how a box with a 4 pixel `rgb(216, 173, 195)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(216, 173, 195); -webkit-box-  
shadow:4px 4px 4px 4px rgb(216, 173, 195);  
box-shadow:4px 4px 4px 4px rgb(216, 173,  
195) }
```


Background

The CSS property to change the background color of an element to Yxy 48.4262, 0.3325, 0.3032 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(216, 173, 195) }
```

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

```
.background{ background-color: rgb(216,  
173, 195) }
```

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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