

Converting Colors

$Y_{xy}(48.5325, 0.3540, 0.3224)$

Have a look what the booklet for
Yxy(48.5325, 0.3540, 0.3224)
contains.

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Color

Yxy(48.4074, 0.3541, 0.3221)

Conversions

Conversions Part 1

Format	Color
Hex	DFACB2
RGB	223, 172, 178
RGB Percent	87%, 67%, 70%
CMY	0.1256, 0.3254, 0.3019
CMYK	0.00, 0.23, 0.20, 0.13
HSL	353°, 44%, 77%
HSV	353°, 23%, 87%
XYZ	53.2166, 48.4074, 48.6629
YIQ	187.9330, 28.4700, 12.6780

Conversions

Conversions Part 2

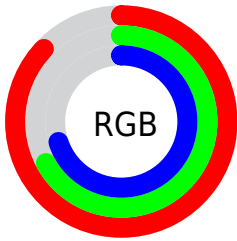
Format	Color
R _Y B	223, 172, 178
Decimal	14658738
CIE Lab	75.08, 19.51, 4.12
CIE LCh	75, 19.943, 11.934
Yxy	48.4074, 0.3541, 0.3221
Android (android.graphics.Color)	4292848818 (0xFFDFACB2)
YUV	187.9330, -4.8970, 30.7538
Hunter-Lab	69.5754, 14.7734, 7.2338

Details

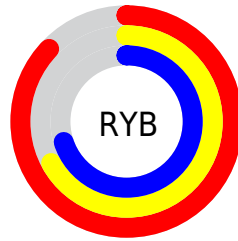
The Yxy color **48.4074, 0.3541, 0.3221** is a light color, and the websafe version is hex **CC9999**. A complement of this color would be **66.5473, 0.2824, 0.3361**, and the grayscale version is **50.2666, 0.3127, 0.3290**.

A 20% lighter version of the original color is **82.6873, 0.3276, 0.3231**, and **22.8898, 0.3666, 0.3199** is the 20% darker color. If you saturate the color by 10%, you get **39.8869, 0.3797, 0.3189**, and if you desaturate by 10%, it is **58.4698, 0.3334, 0.3252**.

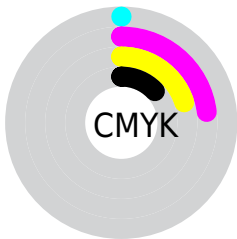
Distribution



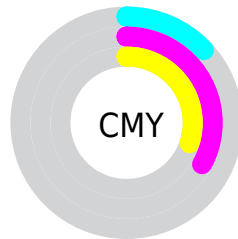
- Red (87%)
- Green (67%)
- Blue (70%)



- Red (87%)
- Yellow (67%)
- Blue (70%)



- Cyan (0%)
- Magenta (23%)
- Yellow (20%)
- Black (13%)



- Cyan (13%)
- Magenta (33%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 48.4074, 0.3541, 0.3221 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 48.4074, 0.3541, 0.3221 by changing the saturation by 10% instead.


 48.4074, 0.3541,
0.3221

 48.4074, 0.3541,
0.3221


380.4047, 0.3334,
0.3258

 34.1496, 0.3593,
0.3211


 87.8107, 0.3466,
0.3235

 23.0086, 0.3659,
0.3199

113.7250, 0.3438,
0.3240

 14.5998, 0.3747,
0.3181


144.2935, 0.3414,
0.3244

 8.5390, 0.3869,
0.3155

179.9008, 0.3393,
0.3247

 4.4418, 0.4052,
0.3115

220.9312, 0.3376,
0.3251

 1.9236, 0.4350,
0.3044

267.7690, 0.3360,

 0.5625, 0.5356,

0.3253

0.2946

320.7987, 0.3346,
0.3255

0.0000, 0.0000,
0.0000

48.4074, 0.3541,
0.3221

48.4074, 0.3541,
0.3221

39.8869, 0.3797,
0.3189

58.4698, 0.3334,
0.3252

32.8257, 0.4110,
0.3159

70.1379, 0.3168,
0.3282

27.1439, 0.4482,
0.3134

83.4801, 0.3035,
0.3309

22.7509, 0.4906,
0.3120

94.4253, 0.2934,
0.3289

19.5457, 0.5354,
0.3123

■ 17.4116, 0.5776,
0.3149

■ 16.2088, 0.6110,
0.3195

■ 15.7610, 0.6274,
0.3230

Harmonies

Analogous

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



48.4074, 0.3300, 0.3014



48.4074, 0.3541, 0.3221



48.4074, 0.3667, 0.3452

Triad

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



48.4074, 0.3541, 0.3221



48.4074, 0.3215, 0.3752



48.4074, 0.2635, 0.2908

Complementary

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



48.4074, 0.3541, 0.3221



66.5473, 0.2824, 0.3361

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.



48.4074, 0.2616, 0.3089



48.4074, 0.3541, 0.3221



48.4074, 0.2942, 0.3591

Square

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



48.4074, 0.3541, 0.3221



48.4074, 0.3472, 0.3771



48.4074, 0.2726, 0.3342



48.4074, 0.2780, 0.2835

Rectangle

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



48.4074, 0.3541, 0.3221



48.4074, 0.3667, 0.3594



48.4074, 0.2726, 0.3342



48.4074, 0.2614, 0.2957

Sweetspot

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



48.4096, 0.3541, 0.3221



88.1621, 0.3234, 0.3270



49.4638, 0.3097, 0.2714



18.6631, 0.3244, 0.3268



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.



48.4096, 0.3541, 0.3221



60.3474, 0.3646, 0.3207



55.7958, 0.3548, 0.3508



13.7266, 0.3274, 0.3263



9.2773, 0.6250, 0.3217



0.6519, 0.5925, 0.3038

Inverse Universe

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



48.4096, 0.3541, 0.3221



60.3474, 0.3646, 0.3207



57.4243, 0.2772, 0.3062



13.7266, 0.3274, 0.3263



9.2773, 0.6250, 0.3217



0.6519, 0.5925, 0.3038

Previews

White Background



This preview shows how the Yxy color 48.4074, 0.3541, 0.3221 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 48.4074, 0.3541, 0.3221 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

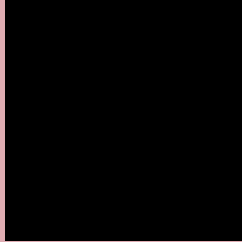
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 48.4074, 0.3541, 0.3221

Background



This preview shows how black text looks on a background with the Yxy color 48.4074, 0.3541, 0.3221.



This preview shows how white text looks on a background with the Yxy color 48.4074, 0.3541, 0.3221.

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

48.4074, 0.3541, 0.3221

Protanopia

48.4751, 0.3153, 0.3277

Deuteranopia

48.5363, 0.3382, 0.3315



Tritanopia

48.4338, 0.3498, 0.3140

Trichromacy



Original Color

48.4074, 0.3541, 0.3221

Protanomaly

48.4374, 0.3294, 0.3266

Deuteranomaly

48.2220, 0.3441, 0.3279

Tritanomaly

48.3505, 0.3516, 0.3163

Monochromacy



Original Color

48.4074, 0.3541, 0.3221

Achromatopsia

50.2886, 0.3127, 0.3290

Achromatomaly

49.3341, 0.3275, 0.3266

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.4074, 0.3541, 0.3221 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(223, 172, 178)` looks like.

```
.text, #text, p{  
    color:rgb(223, 172, 178)  
}
```

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(223, 172, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(223, 172, 178) }
```

Border

The CSS property to change the border of an element to Yxy 48.4074, 0.3541, 0.3221 is called "border". The border property can be set on classes, ids or directly on the HTML element.

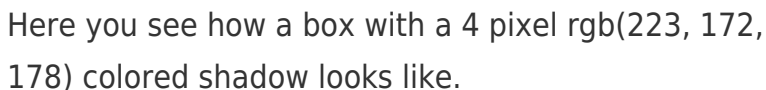
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(223, 172, 178) }
```

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

```
.border{ border-color:rgb(223, 172, 178) }
```

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



Here you see how a box with a 4 pixel `rgb(223, 172, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(223, 172, 178); -webkit-box-shadow:4px 4px 4px 4px rgb(223, 172, 178); box-shadow:4px 4px 4px 4px rgb(223, 172, 178) }
```


Background

The CSS property to change the background color of an element to Yxy 48.4074, 0.3541, 0.3221 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(223, 172, 178) }
```

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

```
.background{ background-color: rgb(223,  
172, 178) }
```

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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