

Converting Colors

$Yxy(48.1694, 0.3513, 0.3348)$

Have a look what the booklet for
Yxy(48.1694, 0.3513, 0.3348)
contains.

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Color

Yxy(48.2871, 0.3513, 0.3352)

Conversions

Conversions Part 1

Format	Color
Hex	D6B0AB
RGB	214, 176, 171
RGB Percent	84%, 69%, 67%
CMY	0.1607, 0.3098, 0.3296
CMYK	0.00, 0.18, 0.20, 0.16
HSL	7°, 34%, 75%
HSV	7°, 20%, 84%
XYZ	50.6064, 48.2871, 45.1611
YIQ	186.7920, 24.2530, 6.5010

Conversions

Conversions Part 2

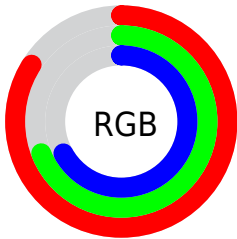
Format	Color
R_{YB}	214, 177, 171
Decimal	14069931
CIE _{Lab}	75.01, 12.99, 7.75
CIE _{LCh}	75, 15.125, 30.839
Yxy	48.2871, 0.3513, 0.3352
Android (android.graphics.Color)	4292260011 (0xFFD6B0AB)
YUV	186.7920, -7.7855, 23.8614
Hunter-Lab	69.4889, 8.3898, 10.1094

Details

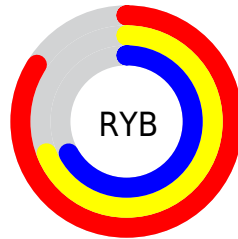
The Yxy color $48.2871, 0.3513, 0.3352$ is a light color, and the websafe version is hex $CC9999$. A complement of this color would be $59.0925, 0.2824, 0.3227$, and the grayscale version is $49.6055, 0.3127, 0.3290$.

A 20% lighter version of the original color is $84.4642, 0.3325, 0.3350$, and $22.8688, 0.3626, 0.3356$ is the 20% darker color. If you saturate the color by 10%, you get $40.6376, 0.3772, 0.3385$, and if you desaturate by 10%, it is $57.1043, 0.3301, 0.3320$.

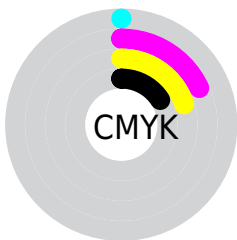
Distribution



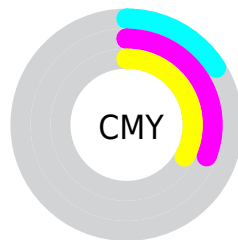
- Red (84%)
- Green (69%)
- Blue (67%)



- Red (84%)
- Yellow (69%)
- Blue (67%)



- Cyan (0%)
- Magenta (18%)
- Yellow (20%)
- Black (16%)





- Cyan (16%)
- Magenta (31%)
- Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 48.2871, 0.3513, 0.3352 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 48.2871, 0.3513, 0.3352 by changing the saturation by 10% instead.


 48.2871, 0.3513,
0.3352

 48.2871, 0.3513,
0.3352

379.9290, 0.3320,
0.3324

 34.0543, 0.3561,
0.3358

 87.6317, 0.3443,
0.3343

 22.9353, 0.3623,
0.3365


113.5123, 0.3416,
0.3339

 14.5458, 0.3706,
0.3374


144.0443, 0.3394,
0.3335

 8.5012, 0.3821,
0.3385

179.6121, 0.3375,
0.3333

 4.4173, 0.3993,
0.3397

220.6001, 0.3358,
0.3330

 1.9096, 0.4276,
0.3406

267.3926, 0.3344,

 0.5542, 0.5782,

0.3328

0.3798

320.3741, 0.3331,
0.3326

0.0000, 0.0000,
0.0000

48.2871, 0.3513,
0.3352

48.2871, 0.3513,
0.3352

40.6376, 0.3772,
0.3385

57.1043, 0.3301,
0.3320

34.1004, 0.4085,
0.3418

67.1283, 0.3129,
0.3290

28.6256, 0.4456,
0.3447

78.4047, 0.2988,
0.3263

24.1569, 0.4877,
0.3467

90.8734, 0.2881,
0.3254

20.6328, 0.5324,
0.3472

93.0375, 0.2883,
0.3289

■ 17.9849, 0.5749,
0.3456

■ 16.1354, 0.6092,
0.3418

■ 14.9962, 0.6312,
0.3370

Harmonies

Analogous

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



48.2871, 0.3381, 0.3176



48.2871, 0.3513, 0.3352



48.2871, 0.3537, 0.3519

Triad

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



48.2871, 0.3513, 0.3352



48.2871, 0.3063, 0.3571



48.2871, 0.2811, 0.2952

Complementary

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



48.2871, 0.3513, 0.3352



59.0925, 0.2824, 0.3227

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.



48.2871, 0.2733, 0.3044



48.2871, 0.3513, 0.3352



48.2871, 0.2875, 0.3403

Square

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



48.2871, 0.3513, 0.3352



48.2871, 0.3273, 0.3656



48.2871, 0.2756, 0.3208



48.2871, 0.2973, 0.2950

Rectangle

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



48.2871, 0.3513, 0.3352



48.2871, 0.3489, 0.3604



48.2871, 0.2756, 0.3208



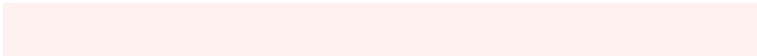
48.2871, 0.2774, 0.2973

Sweetspot

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



48.2893, 0.3513, 0.3352



90.7363, 0.3227, 0.3308



48.0115, 0.3192, 0.2848



19.2142, 0.3239, 0.3310



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.



48.2893, 0.3513, 0.3352



66.9063, 0.3614, 0.3366



57.3996, 0.3464, 0.3605



12.6528, 0.3288, 0.3318



9.1422, 0.6296, 0.3383



0.6315, 0.6046, 0.3581

Inverse Universe

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



59.0925, 0.2824, 0.3227



85.6920, 0.2766, 0.3213



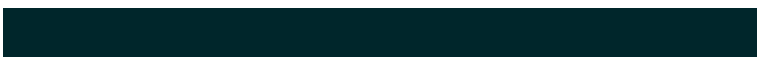
49.2464, 0.2807, 0.2954



13.8478, 0.2983, 0.3262



25.0125, 0.2144, 0.2919



1.5805, 0.2164, 0.2988

Previews

White Background



This preview shows how the Yxy color 48.2871, 0.3513, 0.3352 looks on a white background.

Color Contrast Check

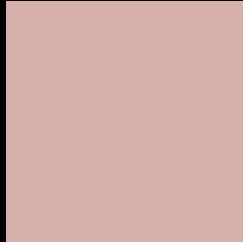
Large Text (above 18pt) WCAG AA × Fail

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 48.2871, 0.3513, 0.3352 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

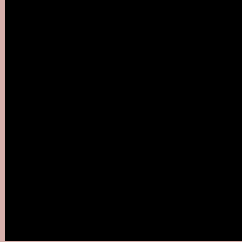
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 48.2871, 0.3513, 0.3352

Background



This preview shows how black text looks on a background with the Yxy color 48.2871, 0.3513, 0.3352.



This preview shows how white text looks on a background with the Yxy color 48.2871, 0.3513, 0.3352.

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

48.2871, 0.3513, 0.3352

Protanopia

48.3233, 0.3250, 0.3406

Deuteranopia

48.1910, 0.3453, 0.3377



Tritanopia

48.4589, 0.3393, 0.3137

Trichromacy



Original Color

48.2871, 0.3513, 0.3352

Protanomaly

48.2459, 0.3341, 0.3378

Deuteranomaly

48.0862, 0.3474, 0.3364

Tritanomaly

48.4432, 0.3435, 0.3219

Monochromacy



Original Color

48.2871, 0.3513, 0.3352

Achromatopsia

49.6933, 0.3127, 0.3290

Achromatomaly

49.0735, 0.3263, 0.3315

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.2871, 0.3513, 0.3352 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(214, 176, 171)` looks like.

```
.text, #text, p{  
    color:rgb(214, 176, 171)  
}
```

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(214, 176, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(214, 176, 171) }
```

Border

The CSS property to change the border of an element to Yxy 48.2871, 0.3513, 0.3352 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(214, 176, 171) }
```

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

```
.border{ border-color:rgb(214, 176, 171) }
```

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

Here you see how a box with a 4 pixel `rgb(214, 176, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(214, 176, 171); -webkit-box-  
shadow:4px 4px 4px 4px rgb(214, 176, 171);  
box-shadow:4px 4px 4px 4px rgb(214, 176,  
171) }
```


Background

The CSS property to change the background color of an element to Yxy 48.2871, 0.3513, 0.3352 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(214, 176, 171) }
```

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

```
.background{ background-color: rgb(214,  
176, 171) }
```

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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