

Converting Colors

$Yxy(48.8052, 0.3306, 0.3340)$

Have a look what the booklet for
Yxy(48.8052, 0.3306, 0.3340)
contains.

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Color

Yxy(48.8124, 0.3307, 0.3340)

Conversions

Conversions Part 1

Format	Color
Hex	C7B6B2
RGB	199, 182, 178
RGB Percent	78%, 71%, 70%
CMY	0.2194, 0.2863, 0.3019
CMYK	0.00, 0.09, 0.11, 0.22
HSL	11°, 16%, 74%
HSV	11°, 11%, 78%
XYZ	48.3301, 48.8124, 49.0024
YIQ	186.6270, 11.4160, 2.3600

Conversions

Conversions Part 2

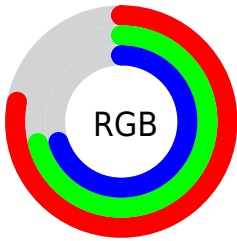
Format	Color
R_{YB}	199, 183, 178
Decimal	13088434
CIE Lab	75.33, 5.40, 4.21
CIE LCh	75, 6.845, 37.916
Yxy	48.8124, 0.3307, 0.3340
Android (android.graphics.Color)	4291278514 (0xFFC7B6B2)
YUV	186.6270, -4.2531, 10.8511
Hunter-Lab	69.8659, 1.2131, 7.3214

Details

The Yxy color $48.8124, 0.3307, 0.3340$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $52.6661, 0.2966, 0.3239$, and the grayscale version is $49.4979, 0.3127, 0.3290$.

A 20% lighter version of the original color is $88.3496, 0.3266, 0.3330$, and $23.2009, 0.3362, 0.3358$ is the 20% darker color. If you saturate the color by 10%, you get $41.8332, 0.3514, 0.3391$, and if you desaturate by 10%, it is $56.6753, 0.3136, 0.3293$.

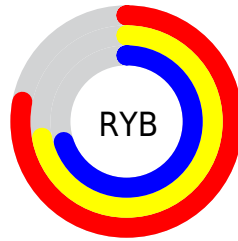
Distribution



Red (78%)

Green (71%)

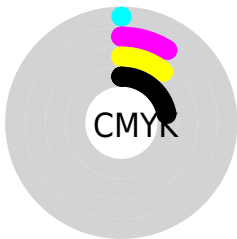
Blue (70%)



Red (78%)

Yellow (72%)

Blue (70%)

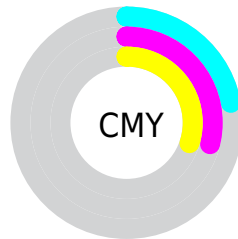


Cyan (0%)

Magenta (9%)

Yellow (11%)

Black (22%)



Cyan (22%)


Magenta (29%)


Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 48.8124, 0.3307, 0.3340 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 48.8124, 0.3307, 0.3340 by changing the saturation by 10% instead.


 48.8124, 0.3307,
0.3340

 48.8124, 0.3307,
0.3340

382.0033, 0.3217,
0.3316

 34.4707, 0.3329,
0.3346

 88.4128, 0.3275,
0.3331

 23.2554, 0.3358,
0.3353


114.4402, 0.3262,
0.3328

 14.7822, 0.3396,
0.3363


145.1317, 0.3252,
0.3325

 8.6667, 0.3449,
0.3375

180.8716, 0.3243,
0.3323

 4.5244, 0.3528,
0.3394

222.0443, 0.3235,
0.3321

 1.9710, 0.3658,
0.3421

269.0342, 0.3229,

 0.5906, 0.4245,

0.3319

0.3617

322.2258, 0.3223,
0.3317

0.0000, 0.0000,
0.0000

48.8124, 0.3307,
0.3340

48.8124, 0.3307,
0.3340

41.8332, 0.3514,
0.3391

56.6753, 0.3136,
0.3293

35.7003, 0.3764,
0.3443

65.4446, 0.2995,
0.3249

30.3834, 0.4062,
0.3495

75.1505, 0.2878,
0.3209

25.8477, 0.4411,
0.3541

85.6482, 0.2794,
0.3201

22.0559, 0.4804,
0.3575

90.8904, 0.2800,
0.3289

■ 18.9678, 0.5222,
0.3589

■ 16.5390, 0.5627,
0.3572

■ 14.7199, 0.5968,
0.3522

■ 13.5059, 0.6204,
0.3456

Harmonies

Analogous

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



48.8124, 0.3259, 0.3258



48.8124, 0.3307, 0.3340



48.8124, 0.3306, 0.3411

Triad

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



48.8124, 0.3307, 0.3340



48.8124, 0.3077, 0.3400



48.8124, 0.2998, 0.3132

Complementary

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



48.8124, 0.3307, 0.3340



52.6661, 0.2966, 0.3239

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.



48.8124, 0.2951, 0.3167



48.8124, 0.3307, 0.3340



48.8124, 0.2997, 0.3321

Square

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



48.8124, 0.3307, 0.3340



48.8124, 0.3173, 0.3447



48.8124, 0.2951, 0.3236



48.8124, 0.3080, 0.3139

Rectangle

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



48.8124, 0.3307, 0.3340



48.8124, 0.3278, 0.3442



48.8124, 0.2951, 0.3236



48.8124, 0.2978, 0.3139

Sweetspot

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



48.8146, 0.3307, 0.3340



95.6197, 0.3175, 0.3304



47.9474, 0.3170, 0.3079



20.2213, 0.3189, 0.3308



0.0000, 0.0000, 0.0000



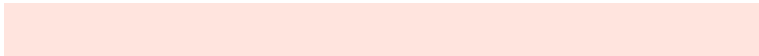
21.4041, 0.3127, 0.3290

Same Dimension

The Same Dimension uses a secret algorithm to generate beautiful new colors.



48.8146, 0.3307, 0.3340



82.0665, 0.3357, 0.3353



53.2393, 0.3292, 0.3468



10.9550, 0.3285, 0.3334



8.7750, 0.6184, 0.3472



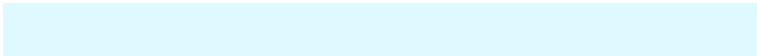
0.5158, 0.5794, 0.3782

Inverse Universe

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



52.6661, 0.2966, 0.3239



90.3243, 0.2926, 0.3226



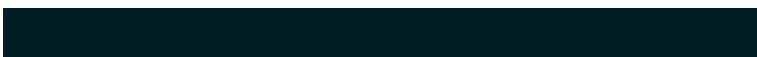
48.1580, 0.2964, 0.3106



11.7146, 0.2984, 0.3245



19.2742, 0.2078, 0.2681



1.0029, 0.2117, 0.2821

Previews

White Background



This preview shows how the Yxy color 48.8124, 0.3307, 0.3340 looks on a white background.

Color Contrast Check

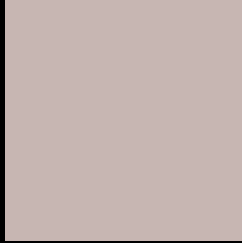
Large Text (above 18pt) WCAG AA × Fail

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 48.8124, 0.3307, 0.3340 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

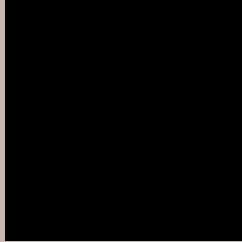
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 48.8124, 0.3307, 0.3340

Background



This preview shows how black text looks on a background with the Yxy color 48.8124, 0.3307, 0.3340.



This preview shows how white text looks on a background with the Yxy color 48.8124, 0.3307, 0.3340.

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

48.8124, 0.3307, 0.3340

Protanopia

48.9404, 0.3209, 0.3354

Deuteranopia

48.6167, 0.3365, 0.3291



Tritanopia

48.9551, 0.3195, 0.3119

Trichromacy



Original Color

48.8124, 0.3307, 0.3340

Protanomaly

48.8731, 0.3244, 0.3354

Deuteranomaly

48.5937, 0.3336, 0.3303

Tritanomaly

48.9579, 0.3234, 0.3204

Monochromacy



Original Color

48.8124, 0.3307, 0.3340

Achromatopsia

49.6933, 0.3127, 0.3290

Achromatomaly

49.2350, 0.3186, 0.3303

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.8124, 0.3307, 0.3340 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(199, 182, 178)` looks like.

```
.text, #text, p{  
    color:rgb(199, 182, 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(199, 182, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 182, 178) }
```

Border

The CSS property to change the border of an element to Yxy 48.8124, 0.3307, 0.3340 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(199, 182, 178) }
```

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

```
.border{ border-color:rgb(199, 182, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 182, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(199, 182, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(199, 182, 178);  
box-shadow:4px 4px 4px 4px rgb(199, 182,  
178) }
```


Background

The CSS property to change the background color of an element to Yxy 48.8124, 0.3307, 0.3340 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 182, 178) }
```

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

```
.background{ background-color: rgb(199,  
182, 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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