

Converting Colors

$Yxy(48.2148, 0.3398, 0.3493)$

Have a look what the booklet for
Yxy(48.2148, 0.3398, 0.3493)
contains.

Yxy(48.2148, 0.3398, 0.3493)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(48.2148, 0.3398, 0.3493)

Conversions

Conversions Part 1

Format	Color
Hex	C6B6A6
RGB	198, 182, 166
RGB Percent	78%, 71%, 65%
CMY	0.2235, 0.2863, 0.3490
CMYK	0.00, 0.08, 0.16, 0.22
HSL	30°, 22%, 71%
HSV	30°, 16%, 78%
XYZ	46.9035, 48.2148, 42.9143
YIQ	184.9600, 14.6720, -1.5840

Conversions

Conversions Part 2

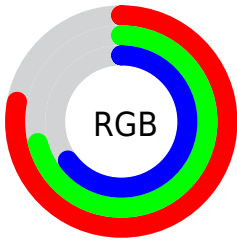
Format	Color
RYB	198, 198, 166
Decimal	13022886
CIELab	74.96, 3.05, 10.19
CIELCh	75, 10.637, 73.353
Yxy	48.2148, 0.3398, 0.3493
Android (android.graphics.Color)	4291212966 (0xFFC6B6A6)
YUV	184.9600, -9.3473, 11.4361
Hunter-Lab	69.4369, -0.9407, 11.9626

Details

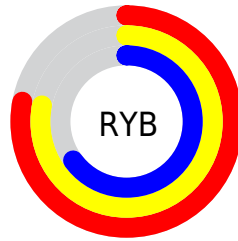
The Yxy color $48.2148, 0.3398, 0.3493$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $45.6535, 0.2876, 0.3078$, and the grayscale version is $48.5416, 0.3127, 0.3290$.

A 20% lighter version of the original color is $87.6295, 0.3350, 0.3459$, and $22.8447, 0.3477, 0.3548$ is the 20% darker color. If you saturate the color by 10%, you get $43.6286, 0.3596, 0.3626$, and if you desaturate by 10%, it is $53.2045, 0.3224, 0.3365$.

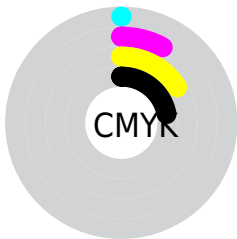
Distribution



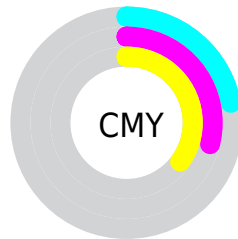
- Red (78%)
- Green (71%)
- Blue (65%)



- Red (78%)
- Yellow (78%)
- Blue (65%)



- Cyan (0%)
- Magenta (8%)
- Yellow (16%)
- Black (22%)





- Cyan (22%)
- Magenta (29%)
- Yellow (35%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 48.2148, 0.3398, 0.3493 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 48.2148, 0.3398, 0.3493 by changing the saturation by 10% instead.


 48.2148, 0.3398,
0.3493

 48.2148, 0.3398,
0.3493


379.6429, 0.3263,
0.3393

 33.9970, 0.3432,
0.3518


 87.5241, 0.3349,
0.3457

 22.8913, 0.3475,
0.3549


 113.3845, 0.3331,
0.3443

 14.5133, 0.3532,
0.3590


143.8945, 0.3315,
0.3432

 8.4785, 0.3612,
0.3646

179.4385, 0.3302,
0.3422

 4.4026, 0.3730,
0.3728

220.4010, 0.3290,
0.3413

 1.9012, 0.3921,
0.3855

267.1663, 0.3280,

 0.5491, 0.5206,

0.3406

0.4794

320.1188, 0.3271,
0.3399

0.0000, 0.0000,
0.0000

48.2148, 0.3398,
0.3493

48.2148, 0.3398,
0.3493

43.6286, 0.3596,
0.3626

53.2045, 0.3224,
0.3365

39.4285, 0.3819,
0.3761

58.6017, 0.3071,
0.3245

35.6049, 0.4065,
0.3891

64.4186, 0.2938,
0.3133

32.1457, 0.4329,
0.4007

70.6650, 0.2823,
0.3030

29.0376, 0.4604,
0.4098

76.6880, 0.2775,
0.3037

■ 26.2664, 0.4875,
0.4152

■ 82.4111, 0.2784,
0.3145

■ 23.8164, 0.5125,
0.4157

■ 88.4537, 0.2792,
0.3251

■ 21.6691, 0.5339,
0.4108

■ 90.7482, 0.2794,
0.3289

■ 20.9160, 0.5415,
0.4082

Harmonies

Analogous

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



48.2148, 0.3415, 0.3388



48.2148, 0.3398, 0.3493



48.2148, 0.3308, 0.3546

Triad

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



48.2148, 0.3398, 0.3493



48.2148, 0.2906, 0.3313



48.2148, 0.3079, 0.3065

Complementary

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



48.2148, 0.3398, 0.3493



45.6535, 0.2876, 0.3078

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.



48.2148, 0.2946, 0.3042



48.2148, 0.3398, 0.3493



48.2148, 0.2848, 0.3181

Square

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



48.2148, 0.3398, 0.3493



48.2148, 0.3023, 0.3443



48.2148, 0.2862, 0.3083



48.2148, 0.3228, 0.3145

Rectangle

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



48.2148, 0.3398, 0.3493



48.2148, 0.3219, 0.3543



48.2148, 0.2862, 0.3083



48.2148, 0.3031, 0.3050

Sweetspot

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



48.2169, 0.3398, 0.3493



95.2019, 0.3206, 0.3352



42.6840, 0.3280, 0.3082



20.2360, 0.3217, 0.3361



0.0000, 0.0000, 0.0000



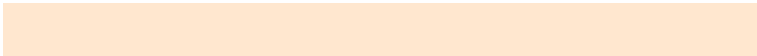
21.4041, 0.3127, 0.3290

Same Dimension

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



48.2169, 0.3398, 0.3493



82.7563, 0.3457, 0.3534



54.9145, 0.3368, 0.3681



11.4976, 0.3277, 0.3406



13.7706, 0.5395, 0.4098



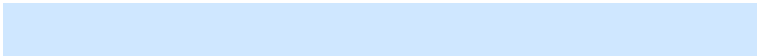
0.7969, 0.5079, 0.4349

Inverse Universe

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



45.6535, 0.2876, 0.3078



77.4593, 0.2826, 0.3033



39.6561, 0.2867, 0.2867



11.1498, 0.2983, 0.3172



8.6374, 0.1776, 0.1595



0.5539, 0.1882, 0.1974

Previews

White Background



This preview shows how the Yxy color 48.2148, 0.3398, 0.3493 looks on a white background.

Color Contrast Check

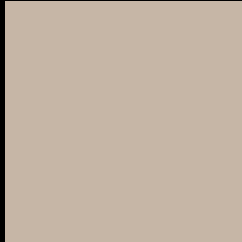
Large Text (above 18pt) WCAG AA × Fail

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 48.2148, 0.3398, 0.3493 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

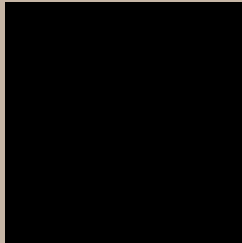
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 48.2148, 0.3398, 0.3493

Background



This preview shows how black text looks on a background with the Yxy color 48.2148, 0.3398, 0.3493.



This preview shows how white text looks on a background with the Yxy color 48.2148, 0.3398, 0.3493.

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

48.2148, 0.3398, 0.3493

Protanopia

48.2775, 0.3333, 0.3509

Deuteranopia

48.1861, 0.3497, 0.3426



Tritanopia

48.0641, 0.3213, 0.3119

Trichromacy



Original Color

48.2148, 0.3398, 0.3493

Protanomaly

48.1263, 0.3352, 0.3495

Deuteranomaly

48.0094, 0.3459, 0.3440

Tritanomaly

47.9385, 0.3278, 0.3241

Monochromacy



Original Color

48.2148, 0.3398, 0.3493

Achromatopsia

48.5150, 0.3127, 0.3290

Achromatomaly

48.4425, 0.3226, 0.3367

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.2148, 0.3398, 0.3493 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(198, 182, 166)` looks like.

```
.text, #text, p{  
    color:rgb(198, 182, 166)  
}
```

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(198, 182, 166) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 182, 166) }
```

Border

The CSS property to change the border of an element to Yxy 48.2148, 0.3398, 0.3493 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(198, 182, 166) }
```

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

```
.border{ border-color:rgb(198, 182, 166) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 182, 166)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(198, 182, 166); -webkit-box-  
shadow:4px 4px 4px 4px rgb(198, 182, 166);  
box-shadow:4px 4px 4px 4px rgb(198, 182,  
166) }
```


Background

The CSS property to change the background color of an element to Yxy 48.2148, 0.3398, 0.3493 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 182, 166) }
```

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

```
.background{ background-color: rgb(198,  
182, 166) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor