

Converting Colors

$Y_{xy}(48.1290, 0.3308, 0.3604)$

Have a look what the booklet for
Yxy(48.1290, 0.3308, 0.3604)
contains.

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Color

Yxy(48.0407, 0.3308, 0.3605)

Conversions

Conversions Part 1

Format	Color
Hex	B9BAA2
RGB	185, 186, 162
RGB Percent	73%, 73%, 64%
CMY	0.2746, 0.2705, 0.3646
CMYK	0.01, 0.00, 0.13, 0.27
HSL	63°, 15%, 68%
HSV	63°, 13%, 73%
XYZ	44.0828, 48.0407, 41.1378
YIQ	182.9650, 7.1080, -7.6760

Conversions

Conversions Part 2

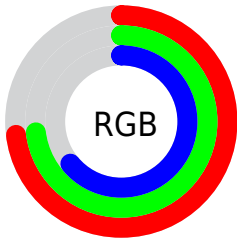
Format	Color
RYB	162, 186, 163
Decimal	12171938
CIELab	74.85, -4.57, 12.05
CIELCh	75, 12.889, 110.743
Yxy	48.0407, 0.3308, 0.3605
Android (android.graphics.Color)	4290362018 (0xFFB9BAA2)
YUV	182.9650, -10.3357, 1.7847
Hunter-Lab	69.3114, -7.7669, 13.3281

Details

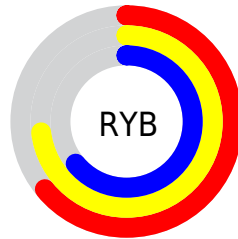
The Yxy color **48.0407, 0.3308, 0.3605** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **37.1845, 0.2934, 0.2956**, and the grayscale version is **47.3875, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.2148, 0.3274, 0.3545**, and **22.8064, 0.3364, 0.3703** is the 20% darker color. If you saturate the color by 10%, you get **47.3287, 0.3451, 0.3856**, and if you desaturate by 10%, it is **48.8553, 0.3167, 0.3359**.

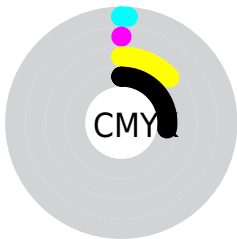
Distribution



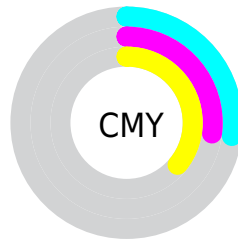
- Red (73%)
- Green (73%)
- Blue (64%)



- Red (64%)
- Yellow (73%)
- Blue (64%)



- Cyan (1%)
- Magenta (0%)
- Yellow (13%)
- Black (27%)




- Cyan (27%)
- Magenta (27%)
- Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 48.0407, 0.3308, 0.3605 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 48.0407, 0.3308, 0.3605 by changing the saturation by 10% instead.

 48.0407, 0.3308,
0.3605


 48.0407, 0.3308,
0.3605


378.9534, 0.3219,
0.3447

 33.8591, 0.3330,
0.3645


 87.2650, 0.3276,
0.3547

 22.7854, 0.3358,
0.3696


 113.0765, 0.3264,
0.3526

 14.4351, 0.3394,
0.3764


143.5334, 0.3253,
0.3507

 8.4239, 0.3444,
0.3860

179.0202, 0.3245,
0.3492

 4.3674, 0.3516,
0.4002

219.9212, 0.3237,
0.3478

 1.8811, 0.3627,
0.4238

266.6208, 0.3230,

 0.5370, 0.4263,

0.3466

0.5737

319.5034, 0.3224,
0.3456

0.0000, 0.0000,
0.0000

48.0407, 0.3308,
0.3605

48.0407, 0.3308,
0.3605

47.3287, 0.3451,
0.3856

48.8553, 0.3167,
0.3359

46.7088, 0.3592,
0.4105

49.7703, 0.3032,
0.3125

46.1785, 0.3725,
0.4345

50.7915, 0.2904,
0.2904

45.7327, 0.3845,
0.4564

51.9225, 0.2784,
0.2699

45.3660, 0.3947,
0.4753

53.1655, 0.2674,
0.2512

■ 45.0723, 0.4026,
0.4906

■ 53.2696, 0.2680,
0.2513

■ 44.8445, 0.4080,
0.5016

■ 53.3743, 0.2685,
0.2514

■ 44.6742, 0.4108,
0.5083

■ 53.4795, 0.2691,
0.2515

■ 44.5764, 0.4117,
0.5113

■ 53.5854, 0.2697,
0.2517

Harmonies

Analogous

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



48.0407, 0.3436, 0.3559



48.0407, 0.3308, 0.3605



48.0407, 0.3134, 0.3562

Triad

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



48.0407, 0.3308, 0.3605



48.0407, 0.2786, 0.3122



48.0407, 0.3291, 0.3146

Complementary

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



48.0407, 0.3308, 0.3605



37.1845, 0.2934, 0.2956

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.



48.0407, 0.3113, 0.3037



48.0407, 0.3308, 0.3605



48.0407, 0.2825, 0.3020

Square

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



48.0407, 0.3308, 0.3605



48.0407, 0.2835, 0.3276



48.0407, 0.2943, 0.2990



48.0407, 0.3427, 0.3292

Rectangle

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



48.0407, 0.3308, 0.3605



48.0407, 0.3015, 0.3488



48.0407, 0.2943, 0.2990



48.0407, 0.3234, 0.3104

Sweetspot

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



48.0428, 0.3308, 0.3605



88.3579, 0.3183, 0.3388



39.1784, 0.3357, 0.3301



19.4323, 0.3194, 0.3406



95.5105, 0.3127, 0.3290



19.5994, 0.3127, 0.3290

Same Dimension

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



48.0428, 0.3308, 0.3605



86.7470, 0.3341, 0.3664



46.6413, 0.3206, 0.3615



10.4829, 0.3257, 0.3516



29.9935, 0.4118, 0.5112



1.0635, 0.4139, 0.5096

Inverse Universe

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



37.1845, 0.2934, 0.2956



63.8636, 0.2895, 0.2890



38.4839, 0.3039, 0.2967



8.7377, 0.2991, 0.3054



2.4289, 0.1516, 0.0609



0.0920, 0.1582, 0.0645

Previews

White Background



This preview shows how the Yxy color 48.0407, 0.3308, 0.3605 looks on a white background.

Color Contrast Check

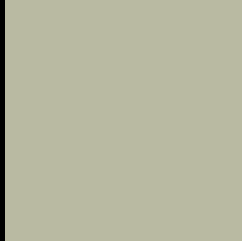
Large Text (above 18pt) WCAG AA × Fail

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 48.0407, 0.3308, 0.3605 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

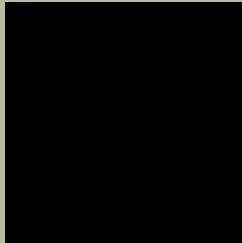
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

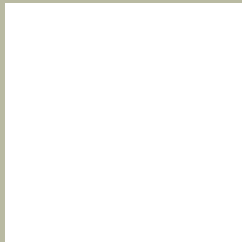
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 48.0407, 0.3308, 0.3605

Background



This preview shows how black text looks on a background with the Yxy color 48.0407, 0.3308, 0.3605.



This preview shows how white text looks on a background with the Yxy color 48.0407, 0.3308, 0.3605.

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

48.0407, 0.3308, 0.3605

Protanopia

48.1916, 0.3391, 0.3586

Deuteranopia

47.6799, 0.3526, 0.3451



Tritanopia

47.9804, 0.3085, 0.3102

Trichromacy



Original Color

48.0407, 0.3308, 0.3605

Protanomaly

48.2183, 0.3362, 0.3601

Deuteranomaly

47.5662, 0.3446, 0.3506

Tritanomaly

48.0190, 0.3162, 0.3277

Monochromacy



Original Color

48.0407, 0.3308, 0.3605

Achromatopsia

47.3531, 0.3127, 0.3290

Achromatomaly

47.5665, 0.3198, 0.3407

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.0407, 0.3308, 0.3605 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(185, 186, 162)` looks like.

```
.text, #text, p{  
    color:rgb(185, 186, 162)  
}
```

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(185, 186, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 186, 162) }
```

Border

The CSS property to change the border of an element to Yxy 48.0407, 0.3308, 0.3605 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(185, 186, 162) }
```

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

```
.border{ border-color:rgb(185, 186, 162) }
```

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

Here you see how a box with a 4 pixel `rgb(185, 186, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 186, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 186, 162);  
box-shadow:4px 4px 4px 4px rgb(185, 186,  
162) }
```


Background

The CSS property to change the background color of an element to Yxy 48.0407, 0.3308, 0.3605 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 186, 162) }
```

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

```
.background{ background-color: rgb(185,  
186, 162) }
```

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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