

Converting Colors

$Yxy(48.3904, 0.32230, 0.3484)$

Have a look what the booklet for
Yxy(48.3904, 0.3230, 0.3484)
contains.

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Color

Yxy(48.3724, 0.3236, 0.3485)

Conversions

Conversions Part 1

| Format | Color |
|-------------|---------------------------|
| Hex | B9BAAB |
| RGB | 185, 186, 171 |
| RGB Percent | 73%, 73%, 67% |
| CMY | 0.2746, 0.2706, 0.3293 |
| CMYK | 0.01, 0.00, 0.08, 0.27 |
| HSL | 64°, 10%, 70% |
| HSV | 64°, 8%, 73% |
| XYZ | 44.9162, 48.3724, 45.5131 |
| YIQ | 183.9910, 4.2190, -4.8770 |

Conversions

Conversions Part 2

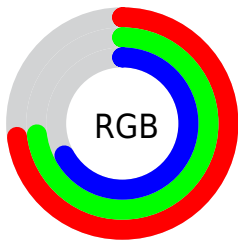
| Format | Color |
|-------------------------------------|------------------------------|
| RYB | 171, 186, 172 |
| Decimal | 12171947 |
| CIELab | 75.06, -3.04, 7.46 |
| CIELCh | 75, 8.055, 112.177 |
| Yxy | 48.3724, 0.3236, 0.3485 |
| Android (android.graphics.Color) | 4290362027 (0xFFB9BAAB) |
| YUV | 183.9910, -6.4046, 0.8849 |
| Hunter-Lab | 69.5503, -6.4359, 9.8863 |

Details

The Yxy color **48.3724, 0.3236, 0.3485** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **41.4607, 0.3014, 0.3088**, and the grayscale version is **47.9626, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.6960, 0.3218, 0.3452**, and **23.0125, 0.3266, 0.3539** is the 20% darker color. If you saturate the color by 10%, you get **47.5565, 0.3374, 0.3735**, and if you desaturate by 10%, it is **49.2937, 0.3101, 0.3244**.

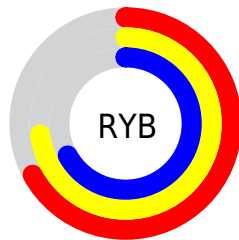
Distribution



Red (73%)

Green (73%)

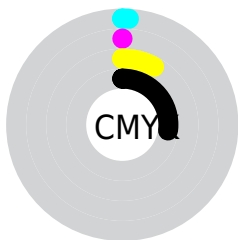
Blue (67%)



Red (67%)

Yellow (73%)

Blue (67%)

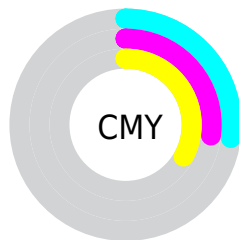


Cyan (1%)

Magenta (0%)

Yellow (8%)

Black (27%)



Cyan (27%)

Magenta (27%)

Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 48.3724, 0.3236, 0.3485 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 48.3724, 0.3236, 0.3485 by changing the saturation by 10% instead.


 48.3724, 0.3236,
0.3485

 48.3724, 0.3236,
0.3485

380.2663, 0.3182,
0.3387

 34.1219, 0.3249,
0.3509


 87.7586, 0.3217,
0.3450

 22.9873, 0.3266,
0.3541


113.6631, 0.3209,
0.3436

 14.5841, 0.3288,
0.3583


144.2210, 0.3203,
0.3425

 8.5280, 0.3319,
0.3641

179.8168, 0.3198,
0.3415

 4.4346, 0.3364,
0.3729

220.8349, 0.3193,
0.3407

 1.9195, 0.3437,
0.3874

267.6595, 0.3189,

 0.5601, 0.4140,

0.3400

0.5062

320.6752, 0.3185,
0.3393

0.0000, 0.0000,
0.0000

48.3724, 0.3236,
0.3485

48.3724, 0.3236,
0.3485

47.5565, 0.3374,
0.3735

49.2937, 0.3101,
0.3244

46.8357, 0.3512,
0.3988

50.3181, 0.2973,
0.3016

46.2075, 0.3645,
0.4236

51.4513, 0.2852,
0.2804

45.6672, 0.3768,
0.4470

52.6969, 0.2740,
0.2608

45.2095, 0.3875,
0.4679

53.4624, 0.2690,
0.2515

■ 44.8286, 0.3961,
0.4856

■ 53.6286, 0.2699,
0.2517

■ 44.5181, 0.4023,
0.4992

■ 53.7962, 0.2708,
0.2519

■ 44.2702, 0.4059,
0.5085

■ 53.9653, 0.2717,
0.2521

■ 44.0730, 0.4072,
0.5138

■ 54.1358, 0.2726,
0.2523

Harmonies

Analogous

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



48.3724, 0.3317, 0.3461



48.3724, 0.3236, 0.3485



48.3724, 0.3127, 0.3455

Triad

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



48.3724, 0.3236, 0.3485



48.3724, 0.2913, 0.3183



48.3724, 0.3235, 0.3204

Complementary

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



48.3724, 0.3236, 0.3485



41.4607, 0.3014, 0.3088

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.



48.3724, 0.3125, 0.3133



48.3724, 0.3236, 0.3485



48.3724, 0.2940, 0.3119

Square

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



48.3724, 0.3236, 0.3485



48.3724, 0.2941, 0.3278



48.3724, 0.3017, 0.3101



48.3724, 0.3316, 0.3298

Rectangle

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



48.3724, 0.3236, 0.3485



48.3724, 0.3053, 0.3408



48.3724, 0.3017, 0.3101



48.3724, 0.3200, 0.3176

Sweetspot

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



48.3745, 0.3236, 0.3485



88.6541, 0.3154, 0.3339



42.8983, 0.3262, 0.3304



19.5270, 0.3153, 0.3336



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.



48.3745, 0.3236, 0.3485



87.3455, 0.3265, 0.3537



47.4709, 0.3172, 0.3489



10.4712, 0.3254, 0.3517



29.6372, 0.4076, 0.5146



1.0542, 0.4108, 0.5120

Inverse Universe

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



41.4607, 0.3014, 0.3088



71.7479, 0.2982, 0.3032



42.3292, 0.3079, 0.3092



8.7481, 0.2995, 0.3054



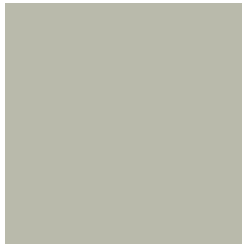
2.4538, 0.1526, 0.0614



0.0965, 0.1628, 0.0671

Previews

White Background



This preview shows how the Yxy color 48.3724, 0.3236, 0.3485 looks on a white background.

Color Contrast Check

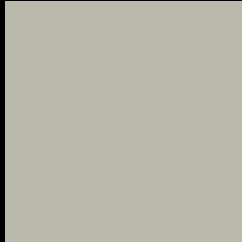
Large Text (above 18pt) WCAG AA × Fail

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 48.3724, 0.3236, 0.3485 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

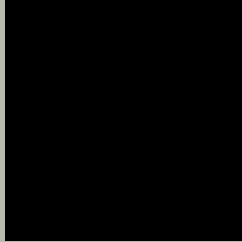
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

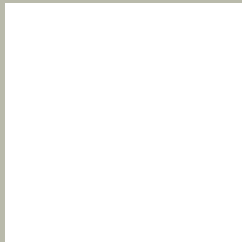
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 48.3724, 0.3236, 0.3485

Background



This preview shows how black text looks on a background with the Yxy color 48.3724, 0.3236, 0.3485.



This preview shows how white text looks on a background with the Yxy color 48.3724, 0.3236, 0.3485.

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

48.3724, 0.3236, 0.3485

Protanopia

48.2596, 0.3299, 0.3470

Deuteranopia

48.1233, 0.3427, 0.3352



Tritanopia

48.3059, 0.3069, 0.3102

Trichromacy



Original Color

48.3724, 0.3236, 0.3485

Protanomaly

48.4190, 0.3280, 0.3484

Deuteranomaly

48.1684, 0.3358, 0.3404

Tritanomaly

48.1892, 0.3130, 0.3227

Monochromacy



Original Color

48.3724, 0.3236, 0.3485

Achromatopsia

47.9320, 0.3127, 0.3290

Achromatomaly

48.1429, 0.3166, 0.3368

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.3724, 0.3236, 0.3485 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, 171)` looks like.

```
.text, #text, p{  
    color:rgb(185, 186, 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(185, 186, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 186, 171) }
```

Border

The CSS property to change the border of an element to Yxy 48.3724, 0.3236, 0.3485 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, 171) }
```

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

```
.border{ border-color:rgb(185, 186, 171) }
```

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, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(185, 186, 171); -webkit-box-shadow:4px 4px 4px 4px rgb(185, 186, 171); box-shadow:4px 4px 4px 4px rgb(185, 186, 171) }
```


Background

The CSS property to change the background color of an element to Yxy 48.3724, 0.3236, 0.3485 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, 171) }
```

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

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