

Converting Colors

$Yxy(48.4064, 0.3302, 0.3617)$

Have a look what the booklet for
Yxy(48.4064, 0.3302, 0.3617)
contains.

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Color

Yxy(48.4636, 0.3307, 0.3618)

Conversions

Conversions Part 1

Format	Color
Hex	B9BBA2
RGB	185, 187, 162
RGB Percent	73%, 73%, 64%
CMY	0.2745, 0.2666, 0.3648
CMYK	0.01, 0.00, 0.13, 0.27
HSL	65°, 16%, 68%
HSV	65°, 13%, 73%
XYZ	44.2977, 48.4636, 41.1900
YIQ	183.5520, 6.8330, -8.1990

Conversions

Conversions Part 2

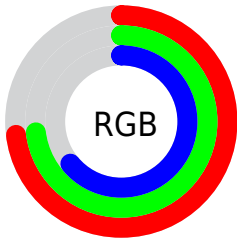
Format	Color
RYB	162, 187, 164
Decimal	12172194
CIELab	75.12, -5.08, 12.45
CIElCh	75, 13.449, 112.208
Yxy	48.4636, 0.3307, 0.3618
Android (android.graphics.Color)	4290362274 (0xFFB9BBA2)
YUV	183.5520, -10.6251, 1.2699
Hunter-Lab	69.6158, -8.2451, 13.6506

Details

The Yxy color **48.4636, 0.3307, 0.3618** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **37.3108, 0.2934, 0.2943**, and the grayscale version is **47.7299, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.8117, 0.3273, 0.3555**, and **23.0815, 0.3361, 0.3720** is the 20% darker color. If you saturate the color by 10%, you get **47.6641, 0.3444, 0.3871**, and if you desaturate by 10%, it is **49.3683, 0.3172, 0.3371**.

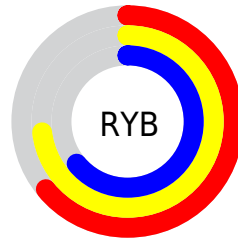
Distribution



Red (73%)

Green (73%)

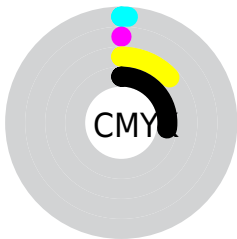
Blue (64%)



Red (64%)

Yellow (73%)

Blue (64%)

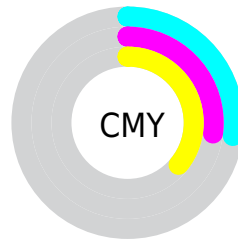


Cyan (1%)

Magenta (0%)

Yellow (13%)

Black (27%)



Cyan (27%)


Magenta (27%)


Yellow (36%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 48.4636, 0.3307, 0.3618 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 48.4636, 0.3307, 0.3618 by changing the saturation by 10% instead.


 48.4636, 0.3307,
0.3618

 48.4636, 0.3307,
0.3618


380.6268, 0.3219,
0.3453

 34.1942, 0.3329,
0.3659


 87.8943, 0.3275,
0.3558

 23.0428, 0.3356,
0.3712


 113.8243, 0.3263,
0.3536

 14.6251, 0.3392,
0.3783


144.4099, 0.3253,
0.3517

 8.5567, 0.3441,
0.3882

180.0356, 0.3244,
0.3500

 4.4532, 0.3511,
0.4031

221.0858, 0.3237,
0.3486

 1.9302, 0.3618,
0.4274

267.9448, 0.3230,

 0.5664, 0.4224,

0.3474

0.5776

320.9970, 0.3224,
0.3463

0.0000, 0.0000,
0.0000

48.4636, 0.3307,
0.3618

48.4636, 0.3307,
0.3618

47.6641, 0.3444,
0.3871

49.3683, 0.3172,
0.3371

46.9589, 0.3578,
0.4124

50.3757, 0.3042,
0.3136

46.3456, 0.3704,
0.4367

51.4920, 0.2918,
0.2915

45.8190, 0.3817,
0.4591

52.7208, 0.2803,
0.2711

45.3736, 0.3911,
0.4786

54.0346, 0.2699,
0.2528

■ 45.0031, 0.3983,
0.4944

■ 54.2319, 0.2709,
0.2530

■ 44.7003, 0.4029,
0.5060

■ 54.4312, 0.2720,
0.2533

■ 44.4567, 0.4049,
0.5132

■ 54.6324, 0.2730,
0.2535

■ 44.3166, 0.4053,
0.5164

■ 54.8357, 0.2741,
0.2537

Harmonies

Analogous

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



48.4636, 0.3444, 0.3573



48.4636, 0.3307, 0.3618



48.4636, 0.3124, 0.3569

Triad

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



48.4636, 0.3307, 0.3618



48.4636, 0.2772, 0.3109



48.4636, 0.3306, 0.3147

Complementary

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



48.4636, 0.3307, 0.3618



37.3108, 0.2934, 0.2943

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.



48.4636, 0.3121, 0.3031



48.4636, 0.3307, 0.3618



48.4636, 0.2817, 0.3005

Square

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



48.4636, 0.3307, 0.3618



48.4636, 0.2819, 0.3267



48.4636, 0.2943, 0.2979



48.4636, 0.3444, 0.3300

Rectangle

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



48.4636, 0.3307, 0.3618



48.4636, 0.3002, 0.3489



48.4636, 0.2943, 0.2979



48.4636, 0.3247, 0.3103

Sweetspot

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



48.4657, 0.3307, 0.3618



88.2955, 0.3181, 0.3388



39.5972, 0.3366, 0.3313



19.4160, 0.3191, 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.



48.4657, 0.3307, 0.3618



86.3642, 0.3346, 0.3690



47.0153, 0.3202, 0.3629



11.0806, 0.3252, 0.3518



30.5468, 0.4055, 0.5162



1.2082, 0.4090, 0.5134

Inverse Universe

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



37.3108, 0.2934, 0.2943



62.5768, 0.2888, 0.2862



38.6690, 0.3043, 0.2955



9.2609, 0.2996, 0.3054



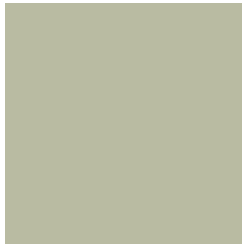
2.5551, 0.1530, 0.0616



0.1127, 0.1642, 0.0678

Previews

White Background



This preview shows how the Yxy color 48.4636, 0.3307, 0.3618 looks on a white background.

Color Contrast Check

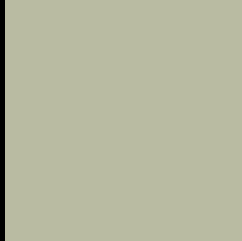
Large Text (above 18pt) WCAG AA × Fail

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 48.4636, 0.3307, 0.3618 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

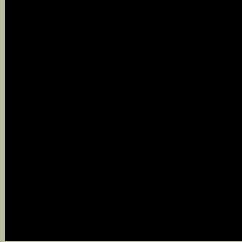
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

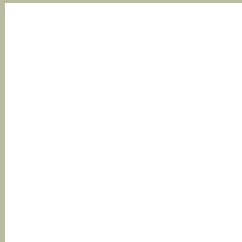
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 48.4636, 0.3307, 0.3618

Background



This preview shows how black text looks on a background with the Yxy color 48.4636, 0.3307, 0.3618.



This preview shows how white text looks on a background with the Yxy color 48.4636, 0.3307, 0.3618.

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

48.4636, 0.3307, 0.3618

Protanopia

48.3235, 0.3400, 0.3585

Deuteranopia

48.2228, 0.3533, 0.3463



Tritanopia

48.3886, 0.3085, 0.3115

Trichromacy



Original Color

48.4636, 0.3307, 0.3618

Protanomaly

48.3475, 0.3371, 0.3601

Deuteranomaly

48.1096, 0.3452, 0.3517

Tritanomaly

48.4330, 0.3161, 0.3290

Monochromacy



Original Color

48.4636, 0.3307, 0.3618

Achromatopsia

47.9320, 0.3127, 0.3290

Achromatomaly

48.0229, 0.3189, 0.3407

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.4636, 0.3307, 0.3618 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, 187, 162)` looks like.

```
.text, #text, p{  
    color:rgb(185, 187, 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, 187, 162) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 187, 162) }
```

Border

The CSS property to change the border of an element to Yxy 48.4636, 0.3307, 0.3618 is called "border". The border property can be set on classes, ids or directly on the HTML element.

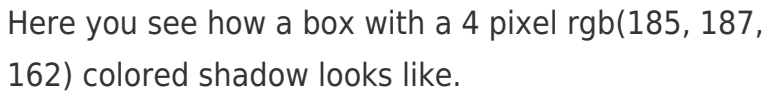
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(185, 187, 162) }
```

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

```
.border{ border-color:rgb(185, 187, 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, 187, 162)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 187, 162); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 187, 162);  
box-shadow:4px 4px 4px 4px rgb(185, 187,  
162) }
```


Background

The CSS property to change the background color of an element to Yxy 48.4636, 0.3307, 0.3618 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 187, 162) }
```

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

```
.background{ background-color: rgb(185,  
187, 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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