

Converting Colors

$Yxy(47.0195, 0.3289, 0.3623)$

Have a look what the booklet for
Yxy(47.0195, 0.3289, 0.3623)
contains.

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Color

Yxy(47.0597, 0.3291, 0.3623)

Conversions

Conversions Part 1

Format	Color
Hex	B5B9A0
RGB	181, 185, 160
RGB Percent	71%, 73%, 63%
CMY	0.2902, 0.2745, 0.3726
CMYK	0.02, 0.00, 0.14, 0.27
HSL	70°, 15%, 68%
HSV	70°, 14%, 73%
XYZ	42.7473, 47.0597, 40.0845
YIQ	180.9540, 5.6410, -8.6230

Conversions

Conversions Part 2

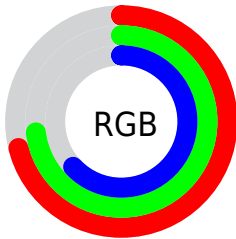
Format	Color
R _Y B	160, 185, 164
Decimal	11909536
CIE Lab	74.23, -5.83, 12.22
CIE LCh	74, 13.544, 115.496
Yxy	47.0597, 0.3291, 0.3623
Android (android.graphics.Color)	4290099616 (0xFFB5B9A0)
YUV	180.9540, -10.3303, 0.0403
Hunter-Lab	68.6001, -8.8200, 13.3756

Details

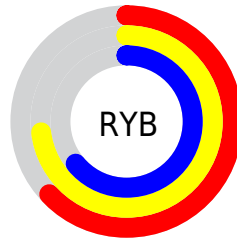
The Yxy color $47.0597, 0.3291, 0.3623$ is a light color, and the websafe version is hex `CCCC99`. A complement of this color would be $36.5367, 0.2950, 0.2942$, and the grayscale version is $46.2366, 0.3127, 0.3290$.

A 20% lighter version of the original color is $85.8214, 0.3261, 0.3558$, and $22.1744, 0.3340, 0.3730$ is the 20% darker color. If you saturate the color by 10%, you get $46.1060, 0.3413, 0.3880$, and if you desaturate by 10%, it is $48.1215, 0.3169, 0.3375$.

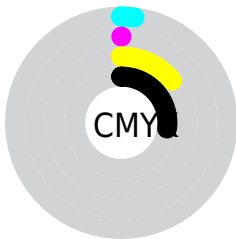
Distribution



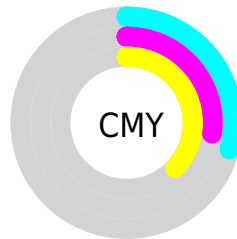
- Red (71%)
- Green (73%)
- Blue (63%)



- Red (63%)
- Yellow (73%)
- Blue (64%)



- Cyan (2%)
- Magenta (0%)
- Yellow (14%)
- Black (27%)




- Cyan (29%)
- Magenta (27%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 47.0597, 0.3291, 0.3623 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 47.0597, 0.3291, 0.3623 by changing the saturation by 10% instead.


 47.0597, 0.3291,
0.3623

 47.0597, 0.3291,
0.3623


375.0528, 0.3210,
0.3455

 33.0829, 0.3311,
0.3666


 85.8027, 0.3262,
0.3561

 22.1899, 0.3336,
0.3720


 111.3377, 0.3251,
0.3538

 13.9965, 0.3369,
0.3794


141.4942, 0.3242,
0.3519

 8.1182, 0.3414,
0.3898

176.6565, 0.3234,
0.3502

 4.1707, 0.3478,
0.4055

217.2092, 0.3227,
0.3488

 1.7695, 0.3579,
0.4320

263.5365, 0.3221,

 0.4681, 0.3926,

0.3476

0.6074

316.0229, 0.3215,
0.3465

0.0000, 0.0000,
0.0000

47.0597, 0.3291,
0.3623

47.0597, 0.3291,
0.3623

46.1060, 0.3413,
0.3880

48.1215, 0.3169,
0.3375

45.2500, 0.3533,
0.4140

49.2894, 0.3051,
0.3139

44.4892, 0.3644,
0.4393

50.5691, 0.2939,
0.2920

43.8184, 0.3742,
0.4631

51.9643, 0.2834,
0.2719

43.2324, 0.3822,
0.4842

53.4784, 0.2736,
0.2535

■ 42.7249, 0.3879,
0.5016

■ 54.0409, 0.2741,
0.2515

■ 42.2888, 0.3911,
0.5148

■ 54.4513, 0.2763,
0.2519

■ 41.9158, 0.3917,
0.5236

■ 54.8697, 0.2784,
0.2524

■ 41.6967, 0.3912,
0.5276

■ 55.2961, 0.2805,
0.2529

Harmonies

Analogous

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



47.0597, 0.3438, 0.3587



47.0597, 0.3291, 0.3623



47.0597, 0.3103, 0.3563

Triad

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



47.0597, 0.3291, 0.3623



47.0597, 0.2767, 0.3090



47.0597, 0.3328, 0.3160

Complementary

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



47.0597, 0.3291, 0.3623



36.5367, 0.2950, 0.2942

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.



47.0597, 0.3142, 0.3037



47.0597, 0.3291, 0.3623



47.0597, 0.2822, 0.2994

Square

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



47.0597, 0.3291, 0.3623



47.0597, 0.2804, 0.3247



47.0597, 0.2958, 0.2976



47.0597, 0.3460, 0.3318

Rectangle

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



47.0597, 0.3291, 0.3623



47.0597, 0.2981, 0.3476



47.0597, 0.2958, 0.2976



47.0597, 0.3269, 0.3114

Sweetspot

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



47.0618, 0.3291, 0.3623



86.0678, 0.3176, 0.3388



39.3133, 0.3364, 0.3341



18.5225, 0.3185, 0.3406



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



47.0618, 0.3291, 0.3623



83.7909, 0.3325, 0.3693



45.6468, 0.3185, 0.3634



10.4283, 0.3240, 0.3518



28.4151, 0.3916, 0.5273



1.0215, 0.3992, 0.5212

Inverse Universe

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



36.5367, 0.2950, 0.2942



61.5487, 0.2910, 0.2865



37.9023, 0.3061, 0.2953



8.7870, 0.3009, 0.3055



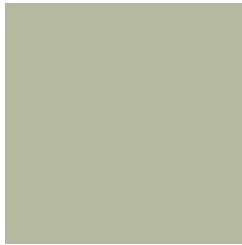
2.5918, 0.1576, 0.0642



0.1132, 0.1790, 0.0760

Previews

White Background



This preview shows how the Yxy color 47.0597, 0.3291, 0.3623 looks on a white background.

Color Contrast Check

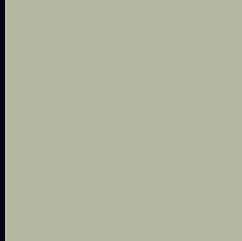
Large Text (above 18pt) WCAG AA × Fail

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 47.0597, 0.3291, 0.3623 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

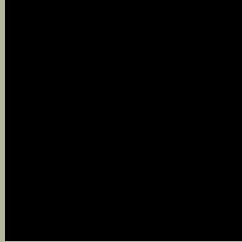
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

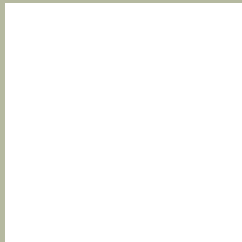
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 47.0597, 0.3291, 0.3623

Background



This preview shows how black text looks on a background with the Yxy color 47.0597, 0.3291, 0.3623.



This preview shows how white text looks on a background with the Yxy color 47.0597, 0.3291, 0.3623.

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

47.0597, 0.3291, 0.3623

Protanopia

47.0009, 0.3402, 0.3603

Deuteranopia

46.9247, 0.3528, 0.3465



Tritanopia

46.9767, 0.3068, 0.3112

Trichromacy



Original Color

47.0597, 0.3291, 0.3623

Protanomaly

46.9350, 0.3356, 0.3605

Deuteranomaly

46.8192, 0.3447, 0.3520

Tritanomaly

47.0236, 0.3144, 0.3290

Monochromacy



Original Color

47.0597, 0.3291, 0.3623

Achromatopsia

46.2077, 0.3127, 0.3290

Achromatomaly

46.2968, 0.3190, 0.3409

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.0597, 0.3291, 0.3623 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(181, 185, 160)` looks like.

```
.text, #text, p{  
    color:rgb(181, 185, 160)  
}
```

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(181, 185, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 185, 160) }
```

Border

The CSS property to change the border of an element to Yxy 47.0597, 0.3291, 0.3623 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(181, 185, 160) }
```

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

```
.border{ border-color:rgb(181, 185, 160) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 185, 160)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 185, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 185, 160);  
box-shadow:4px 4px 4px 4px rgb(181, 185,  
160) }
```


Background

The CSS property to change the background color of an element to Yxy 47.0597, 0.3291, 0.3623 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 185, 160) }
```

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

```
.background{ background-color: rgb(181,  
185, 160) }
```

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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