

Converting Colors

$Yxy(47.6824, 0.3181, 0.3487)$

Have a look what the booklet for
Yxy(47.6824, 0.3181, 0.3487)
contains.

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Color

Yxy(47.6418, 0.3185, 0.3488)

Conversions

Conversions Part 1

Format	Color
Hex	B3BAAB
RGB	179, 186, 171
RGB Percent	70%, 73%, 67%
CMY	0.2980, 0.2706, 0.3293
CMYK	0.04, 0.00, 0.08, 0.27
HSL	88°, 10%, 70%
HSV	88°, 8%, 73%
XYZ	43.5032, 47.6418, 45.4427
YIQ	182.1970, 0.6430, -6.1490

Conversions

Conversions Part 2

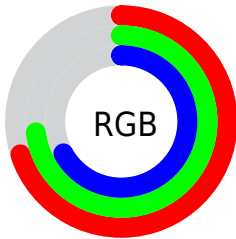
Format	Color
RYB	171, 186, 178
Decimal	11778731
CIELab	74.60, -5.18, 6.74
CIELCh	75, 8.503, 127.548
Yxy	47.6418, 0.3185, 0.3488
Android (android.graphics.Color)	4289968811 (0xFFB3BAAB)
YUV	182.1970, -5.5201, -2.8038
Hunter-Lab	69.0230, -8.2870, 9.2813

Details

The Yxy color $47.6418, 0.3185, 0.3488$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $42.1472, 0.3066, 0.3092$, and the grayscale version is $46.9249, 0.3127, 0.3290$.

A 20% lighter version of the original color is $86.6574, 0.3179, 0.3454$, and $22.5426, 0.3195, 0.3545$ is the 20% darker color. If you saturate the color by 10%, you get $45.9812, 0.3257, 0.3752$, and if you desaturate by 10%, it is $49.4715, 0.3113, 0.3244$.

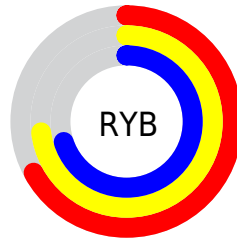
Distribution



Red (70%)

Green (73%)

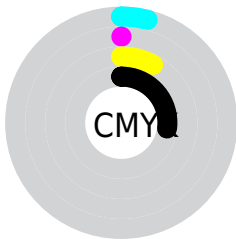
Blue (67%)



Red (67%)

Yellow (73%)

Blue (70%)

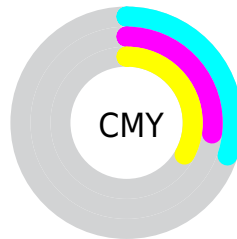


Cyan (4%)

Magenta (0%)

Yellow (8%)

Black (27%)



Cyan (30%)


Magenta (27%)

Yellow (33%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 47.6418, 0.3185, 0.3488 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 47.6418, 0.3185, 0.3488 by changing the saturation by 10% instead.

 47.6418, 0.3185,
0.3488

 47.6418, 0.3185,
0.3488

377.3705, 0.3157,
0.3388

 33.5433, 0.3192,
0.3513


 86.6708, 0.3175,
0.3452

 22.5430, 0.3201,
0.3546


112.3702, 0.3171,
0.3438

 14.2564, 0.3212,
0.3589

142.7053, 0.3168,
0.3427

 8.2992, 0.3228,
0.3650

178.0605, 0.3165,
0.3417

 4.2870, 0.3250,
0.3742

218.8202, 0.3162,
0.3408

 1.8354, 0.3285,
0.3898

265.3689, 0.3160,

 0.5091, 0.3764,

0.3401

0.5362

318.0909, 0.3158,
0.3394

0.0000, 0.0000,
0.0000

47.6418, 0.3185,
0.3488

47.6418, 0.3185,
0.3488

45.9812, 0.3257,
0.3752

49.4715, 0.3113,
0.3244

44.4782, 0.3325,
0.4033

51.4691, 0.3043,
0.3022

43.1292, 0.3388,
0.4323

53.6417, 0.2976,
0.2821

41.9282, 0.3440,
0.4616

55.9937, 0.2913,
0.2641

40.8685, 0.3477,
0.4897

57.9346, 0.2913,
0.2562

■ 39.9432, 0.3496,
0.5153

■ 59.3447, 0.2977,
0.2576

■ 39.1442, 0.3492,
0.5370

■ 60.8265, 0.3043,
0.2590

■ 38.4625, 0.3466,
0.5537

■ 62.3810, 0.3109,
0.2604

■ 37.8845, 0.3421,
0.5652

■ 63.5978, 0.3159,
0.2614

Harmonies

Analogous

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



47.6418, 0.3290, 0.3491



47.6418, 0.3185, 0.3488



47.6418, 0.3066, 0.3429

Triad

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



47.6418, 0.3185, 0.3488



47.6418, 0.2907, 0.3136



47.6418, 0.3291, 0.3248

Complementary

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



47.6418, 0.3185, 0.3488



42.1472, 0.3066, 0.3092

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.



47.6418, 0.3186, 0.3157



47.6418, 0.3185, 0.3488



47.6418, 0.2965, 0.3093

Square

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



47.6418, 0.3185, 0.3488



47.6418, 0.2907, 0.3223



47.6418, 0.3066, 0.3101



47.6418, 0.3352, 0.3351

Rectangle

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



47.6418, 0.3185, 0.3488



47.6418, 0.2995, 0.3366



47.6418, 0.3066, 0.3101



47.6418, 0.3260, 0.3215

Sweetspot

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



47.6439, 0.3185, 0.3488



88.3145, 0.3142, 0.3339



45.2264, 0.3255, 0.3382



19.4560, 0.3141, 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.



47.6439, 0.3185, 0.3488



85.6956, 0.3200, 0.3542



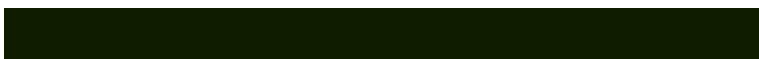
46.7760, 0.3122, 0.3492



10.2895, 0.3194, 0.3521



25.4622, 0.3421, 0.5666



0.9341, 0.3615, 0.5511

Inverse Universe

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



42.1472, 0.3066, 0.3092



73.2946, 0.3048, 0.3037



43.0571, 0.3132, 0.3096



8.9194, 0.3055, 0.3059



3.7866, 0.1973, 0.0861



0.1704, 0.2271, 0.1025

Previews

White Background



This preview shows how the Yxy color 47.6418, 0.3185, 0.3488 looks on a white background.

Color Contrast Check

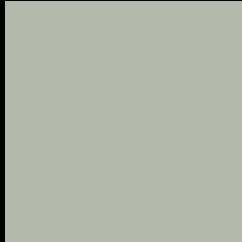
Large Text (above 18pt) WCAG AA × Fail

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 47.6418, 0.3185, 0.3488 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

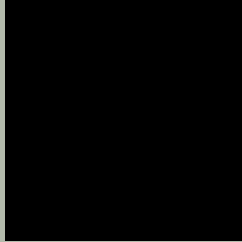
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

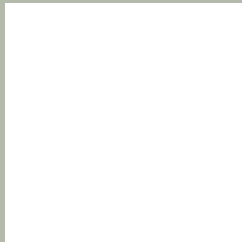
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 47.6418, 0.3185, 0.3488

Background



This preview shows how black text looks on a background with the Yxy color 47.6418, 0.3185, 0.3488.



This preview shows how white text looks on a background with the Yxy color 47.6418, 0.3185, 0.3488.

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

47.6418, 0.3185, 0.3488

Protanopia

47.6787, 0.3300, 0.3471

Deuteranopia

47.4405, 0.3411, 0.3340



Tritanopia

47.5544, 0.3020, 0.3099

Trichromacy



Original Color

47.6418, 0.3185, 0.3488

Protanomaly

47.6224, 0.3256, 0.3473

Deuteranomaly

47.3568, 0.3333, 0.3392

Tritanomaly

47.4429, 0.3080, 0.3225

Monochromacy



Original Color

47.6418, 0.3185, 0.3488

Achromatopsia

46.7784, 0.3127, 0.3290

Achromatomaly

46.9051, 0.3150, 0.3356

CSS Examples

Text

The CSS property to change the color of the text to Yxy 47.6418, 0.3185, 0.3488 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(179, 186, 171)` looks like.

```
.text, #text, p{  
    color:rgb(179, 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(179, 186, 171) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 186, 171) }
```

Border

The CSS property to change the border of an element to Yxy 47.6418, 0.3185, 0.3488 is called "border". The border property can be set on classes, ids or directly on the HTML element.

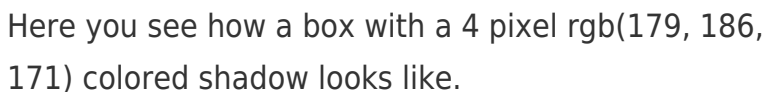
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(179, 186, 171) }
```

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

```
.border{ border-color:rgb(179, 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(179, 186, 171)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(179, 186, 171); -webkit-box-shadow:4px 4px 4px 4px rgb(179, 186, 171); box-shadow:4px 4px 4px 4px rgb(179, 186, 171) }
```


Background

The CSS property to change the background color of an element to Yxy 47.6418, 0.3185, 0.3488 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 186, 171) }
```

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

```
.background{ background-color: rgb(179,  
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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