

Converting Colors

$Yxy(48.3220, 0.3071, 0.3448)$

Have a look what the booklet for
Yxy(48.3220, 0.3071, 0.3448)
contains.

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Color

Yxy(48.2274, 0.3071, 0.3450)

Conversions

Conversions Part 1

Format	Color
Hex	ABBDB1
RGB	171, 189, 177
RGB Percent	67%, 74%, 69%
CMY	0.3293, 0.2588, 0.3059
CMYK	0.10, 0.00, 0.06, 0.26
HSL	140°, 12%, 71%
HSV	140°, 10%, 74%
XYZ	42.9294, 48.2274, 48.6328
YIQ	182.2500, -6.8760, -7.5480

Conversions

Conversions Part 2

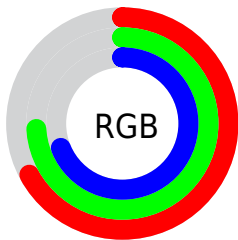
Format	Color
RYB	171, 185, 189
Decimal	11255217
CIELab	74.97, -8.48, 3.96
CIELCh	75, 9.357, 154.957
Yxy	48.2274, 0.3071, 0.3450
Android (android.graphics.Color)	4289445297 (0xFFABBDB1)
YUV	182.2500, -2.5882, -9.8663
Hunter-Lab	69.4460, -11.1871, 7.0916

Details

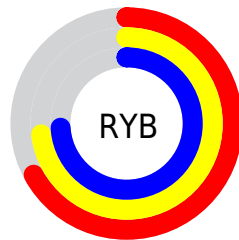
The Yxy color $48.2274, 0.3071, 0.3450$ is a light color, and the websafe version is hex `CCCCCC`. A complement of this color would be $43.3719, 0.3188, 0.3135$, and the grayscale version is $46.9415, 0.3127, 0.3290$.

A 20% lighter version of the original color is $87.3568, 0.3077, 0.3414$, and $22.9855, 0.3062, 0.3510$ is the 20% darker color. If you saturate the color by 10%, you get $45.7758, 0.3013, 0.3639$, and if you desaturate by 10%, it is $51.0332, 0.3130, 0.3282$.

Distribution



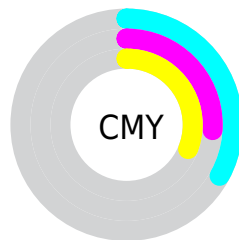
- Red (67%)
- Green (74%)
- Blue (69%)



- Red (67%)
- Yellow (73%)
- Blue (74%)



- Cyan (10%)
- Magenta (0%)
- Yellow (6%)
- Black (26%)



- Cyan (33%)
- Magenta (26%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 48.2274, 0.3071, 0.3450 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 48.2274, 0.3071, 0.3450 by changing the saturation by 10% instead.


 48.2274, 0.3071,
0.3450

 48.2274, 0.3071,
0.3450


379.6928, 0.3099,
0.3370

 34.0070, 0.3064,
0.3470


 87.5429, 0.3081,
0.3421

 22.8990, 0.3055,
0.3496


113.4068, 0.3085,
0.3410

 14.5189, 0.3042,
0.3531


143.9206, 0.3089,
0.3400

 8.4825, 0.3024,
0.3581

179.4688, 0.3091,
0.3392

 4.4052, 0.2997,
0.3655

220.4357, 0.3094,
0.3386

 1.9027, 0.2952,
0.3781

267.2057, 0.3096,

 0.5500, 0.2659,

0.3380

0.4631

320.1633, 0.3098,
0.3374

0.0000, 0.0000,
0.0000

48.2274, 0.3071,
0.3450

48.2274, 0.3071,
0.3450

45.7758, 0.3013,
0.3639

51.0332, 0.3130,
0.3282

43.6582, 0.2957,
0.3848

54.2003, 0.3188,
0.3135

41.8615, 0.2907,
0.4077


57.7434, 0.3245,
0.3005

40.3696, 0.2865,
0.4322


61.6743, 0.3299,
0.2892

39.1649, 0.2834,
0.4577


63.9546, 0.3268,
0.2780


 38.2277, 0.2817,
0.4834

 64.7321, 0.3174,
0.2664

 37.5359, 0.2818,
0.5082

 64.8758, 0.3157,
0.2644

 37.0638, 0.2835,
0.5311

 36.7643, 0.2865,
0.5510

Harmonies

Analogous

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



48.2274, 0.3201, 0.3510



48.2274, 0.3071, 0.3450



48.2274, 0.2957, 0.3344

Triad

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



48.2274, 0.3071, 0.3450



48.2274, 0.2942, 0.3076



48.2274, 0.3371, 0.3346

Complementary

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



48.2274, 0.3071, 0.3450



43.3719, 0.3188, 0.3135

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.



48.2274, 0.3299, 0.3234



48.2274, 0.3071, 0.3450



48.2274, 0.3049, 0.3080

Square

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



48.2274, 0.3071, 0.3450



48.2274, 0.2884, 0.3128



48.2274, 0.3180, 0.3138



48.2274, 0.3376, 0.3447

Rectangle

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



48.2274, 0.3071, 0.3450



48.2274, 0.2906, 0.3265



48.2274, 0.3180, 0.3138



48.2274, 0.3354, 0.3309

Sweetspot

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



48.2295, 0.3071, 0.3450



89.5519, 0.3109, 0.3339



49.4416, 0.3218, 0.3524



19.1694, 0.3104, 0.3353



95.5105, 0.3127, 0.3290



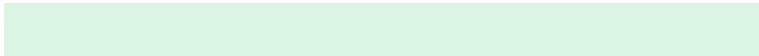
19.5994, 0.3127, 0.3290

Same Dimension

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



48.2295, 0.3071, 0.3450



85.6050, 0.3061, 0.3480



48.5883, 0.3007, 0.3333



10.7005, 0.3072, 0.3447



24.7400, 0.2860, 0.5496



0.9815, 0.2718, 0.4983

Inverse Universe

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



43.3719, 0.3188, 0.3135



75.5012, 0.3200, 0.3107



43.0199, 0.3263, 0.3247



9.6410, 0.3187, 0.3138



8.3123, 0.4253, 0.2116



0.3372, 0.3944, 0.1947

Previews

White Background



This preview shows how the Yxy color 48.2274, 0.3071, 0.3450 looks on a white background.

Color Contrast Check

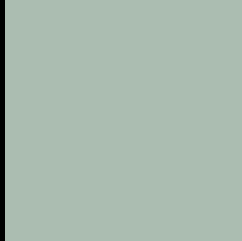
Large Text (above 18pt) WCAG AA × Fail

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 48.2274, 0.3071, 0.3450 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

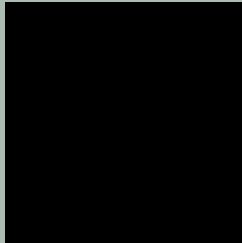
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

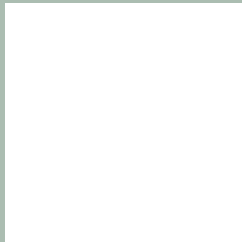
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 48.2274, 0.3071, 0.3450

Background



This preview shows how black text looks on a background with the Yxy color 48.2274, 0.3071, 0.3450.



This preview shows how white text looks on a background with the Yxy color 48.2274, 0.3071, 0.3450.

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

48.2274, 0.3071, 0.3450

Protanopia

48.2841, 0.3258, 0.3419

Deuteranopia

47.9328, 0.3349, 0.3278



Tritanopia

48.4019, 0.2934, 0.3110

Trichromacy



Original Color

48.2274, 0.3071, 0.3450

Protanomaly

48.2802, 0.3188, 0.3433

Deuteranomaly

47.8767, 0.3245, 0.3341

Tritanomaly

48.3451, 0.2984, 0.3225

Monochromacy



Original Color

48.2274, 0.3071, 0.3450

Achromatopsia

46.7784, 0.3127, 0.3290

Achromatomaly

47.4582, 0.3107, 0.3356

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.2274, 0.3071, 0.3450 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(171, 189, 177)` looks like.

```
.text, #text, p{  
    color:rgb(171, 189, 177)  
}
```

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(171, 189, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 189, 177) }
```

Border

The CSS property to change the border of an element to Yxy 48.2274, 0.3071, 0.3450 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(171, 189, 177) }
```

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

```
.border{ border-color:rgb(171, 189, 177) }
```

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

Here you see how a box with a 4 pixel rgb(171, 189, 177) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 189, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 189, 177);  
box-shadow:4px 4px 4px 4px rgb(171, 189,  
177) }
```


Background

The CSS property to change the background color of an element to Yxy 48.2274, 0.3071, 0.3450 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(171, 189, 177) }
```

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

```
.background{ background-color: rgb(171,  
189, 177) }
```

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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