

Converting Colors

$Yxy(48.3362, 0.3069, 0.3440)$

Have a look what the booklet for
Yxy(48.3362, 0.3069, 0.3440)
contains.

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Color

Yxy(48.2675, 0.3063, 0.3436)

Conversions

Conversions Part 1

Format	Color
Hex	ABBDB2
RGB	171, 189, 178
RGB Percent	67%, 74%, 70%
CMY	0.3295, 0.2588, 0.3019
CMYK	0.10, 0.00, 0.06, 0.26
HSL	143°, 12%, 71%
HSV	143°, 10%, 74%
XYZ	43.0278, 48.2675, 49.1806
YIQ	182.3640, -7.1970, -7.2370

Conversions

Conversions Part 2

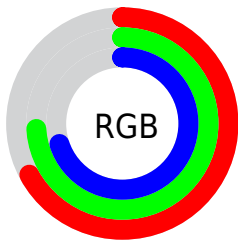
Format	Color
RYB	171, 184, 189
Decimal	11255218
CIELab	74.99, -8.29, 3.43
CIElCh	75, 8.975, 157.517
Yxy	48.2675, 0.3063, 0.3436
Android (android.graphics.Color)	4289445298 (0xFFABBDB2)
YUV	182.3640, -2.1515, -9.9662
Hunter-Lab	69.4748, -11.0307, 6.6615

Details

The Yxy color **48.2675, 0.3063, 0.3436** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **43.3168, 0.3197, 0.3148**, and the grayscale version is **47.0034, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.4141, 0.3071, 0.3403**, and **23.0109, 0.3052, 0.3491** is the 20% darker color. If you saturate the color by 10%, you get **45.8533, 0.2997, 0.3607**, and if you desaturate by 10%, it is **51.0282, 0.3130, 0.3283**.

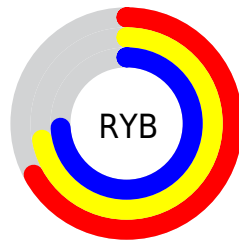
Distribution



Red (67%)

Green (74%)

Blue (70%)



Red (67%)

Yellow (72%)

Blue (74%)

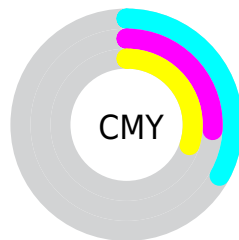


Cyan (10%)

Magenta (0%)

Yellow (6%)

Black (26%)



Cyan (33%)

Magenta (26%)

Yellow (30%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 48.2675, 0.3063, 0.3436 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 48.2675, 0.3063, 0.3436 by changing the saturation by 10% instead.

■ 48.2675, 0.3063,
0.3436

■ 48.2675, 0.3063,
0.3436

379.8515, 0.3095,
0.3363

■ 34.0388, 0.3055,
0.3454

■ 87.6026, 0.3075,
0.3409

■ 22.9234, 0.3044,
0.3478

113.4777, 0.3079,
0.3399

■ 14.5369, 0.3030,
0.3510

144.0037, 0.3083,
0.3391

■ 8.4951, 0.3011,
0.3555

179.5650, 0.3086,
0.3384

■ 4.4133, 0.2981,
0.3622

220.5461, 0.3089,
0.3377

■ 1.9074, 0.2930,
0.3736

267.3313, 0.3091,

■ 0.5528, 0.2609,

0.3372

0.4466

320.3049, 0.3093,
0.3367

0.0000, 0.0000,
0.0000

48.2675, 0.3063,
0.3436

48.2675, 0.3063,
0.3436

45.8533, 0.2997,
0.3607

51.0282, 0.3130,
0.3283

43.7655, 0.2934,
0.3797

54.1422, 0.3197,
0.3148

41.9917, 0.2877,
0.4005


57.6237, 0.3262,
0.3030


40.5158, 0.2830,
0.4228


61.4846, 0.3325,
0.2926

39.3207, 0.2794,
0.4460


63.6916, 0.3303,
0.2823


 38.3870, 0.2775,
0.4697

 64.3815, 0.3215,
0.2715

 37.6933, 0.2773,
0.4930

 64.8777, 0.3157,
0.2644

 37.2140, 0.2789,
0.5149

 36.9026, 0.2820,
0.5348

Harmonies

Analogous

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



48.2675, 0.3188, 0.3498



48.2675, 0.3063, 0.3436



48.2675, 0.2957, 0.3333

Triad

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



48.2675, 0.3063, 0.3436



48.2675, 0.2956, 0.3083



48.2675, 0.3364, 0.3353

Complementary

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



48.2675, 0.3063, 0.3436



43.3168, 0.3197, 0.3148

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.



48.2675, 0.3299, 0.3245



48.2675, 0.3063, 0.3436



48.2675, 0.3063, 0.3092

Square

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



48.2675, 0.3063, 0.3436



48.2675, 0.2896, 0.3128



48.2675, 0.3189, 0.3151



48.2675, 0.3363, 0.3447

Rectangle

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



48.2675, 0.3063, 0.3436



48.2675, 0.2910, 0.3256



48.2675, 0.3189, 0.3151



48.2675, 0.3349, 0.3318

Sweetspot

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



48.2695, 0.3063, 0.3436



89.5775, 0.3107, 0.3335



49.2946, 0.3208, 0.3525



19.1764, 0.3101, 0.3347



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.



48.2695, 0.3063, 0.3436



85.6926, 0.3052, 0.3463



48.6379, 0.2998, 0.3317



10.7097, 0.3064, 0.3433



24.8329, 0.2815, 0.5333



0.9856, 0.2676, 0.4834

Inverse Universe

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



43.3168, 0.3197, 0.3148



75.4098, 0.3210, 0.3123



42.9613, 0.3274, 0.3263



9.6314, 0.3196, 0.3151



8.1303, 0.4483, 0.2243



0.3310, 0.4102, 0.2033

Previews

White Background



This preview shows how the Yxy color 48.2675, 0.3063, 0.3436 looks on a white background.

Color Contrast Check

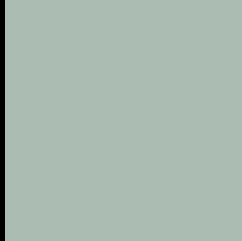
Large Text (above 18pt) WCAG AA × Fail

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 48.2675, 0.3063, 0.3436 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

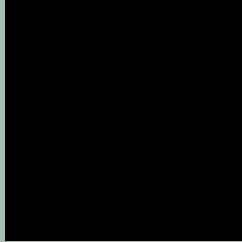
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

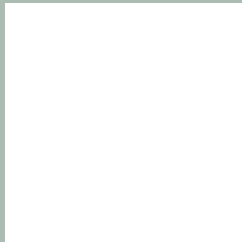
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 48.2675, 0.3063, 0.3436

Background



This preview shows how black text looks on a background with the Yxy color 48.2675, 0.3063, 0.3436.



This preview shows how white text looks on a background with the Yxy color 48.2675, 0.3063, 0.3436.

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

48.2675, 0.3063, 0.3436

Protanopia

48.3233, 0.3250, 0.3406

Deuteranopia

47.9734, 0.3340, 0.3266



Tritanopia

48.4019, 0.2934, 0.3110

Trichromacy



Original Color

48.2675, 0.3063, 0.3436

Protanomaly

48.3197, 0.3180, 0.3420

Deuteranomaly

47.9170, 0.3237, 0.3328

Tritanomaly

48.3451, 0.2984, 0.3225

Monochromacy



Original Color

48.2675, 0.3063, 0.3436

Achromatopsia

46.7784, 0.3127, 0.3290

Achromatomaly

47.4991, 0.3100, 0.3342

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.2675, 0.3063, 0.3436 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, 178)` looks like.

```
.text, #text, p{  
    color:rgb(171, 189, 178)  
}
```

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, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(171, 189, 178) }
```

Border

The CSS property to change the border of an element to Yxy 48.2675, 0.3063, 0.3436 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, 178) }
```

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

```
.border{ border-color:rgb(171, 189, 178) }
```

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, 178) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(171, 189, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(171, 189, 178);  
box-shadow:4px 4px 4px 4px rgb(171, 189,  
178) }
```


Background

The CSS property to change the background color of an element to Yxy 48.2675, 0.3063, 0.3436 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, 178) }
```

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

```
.background{ background-color: rgb(171,  
189, 178) }
```

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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