

Converting Colors

Yxy(48.8694, 0.3155, 0.3443)

Have a look what the booklet for
Yxy(48.8694, 0.3155, 0.3443)
contains.

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Color

Yxy(48.8043, 0.3153, 0.3447)

Conversions

Conversions Part 1

Format	Color
Hex	B4BCB0
RGB	180, 188, 176
RGB Percent	71%, 74%, 69%
CMY	0.2941, 0.2627, 0.3098
CMYK	0.04, 0.00, 0.06, 0.26
HSL	100°, 8%, 71%
HSV	100°, 6%, 74%
XYZ	44.6417, 48.8043, 48.1389
YIQ	184.2400, -0.9160, -5.4280

Conversions

Conversions Part 2

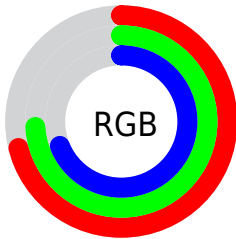
Format	Color
RYB	176, 188, 184
Decimal	11844784
CIELab	75.33, -5.00, 5.10
CIELCh	75, 7.145, 134.418
Yxy	48.8043, 0.3153, 0.3447
Android (android.graphics.Color)	4290034864 (0xFFB4BCB0)
YUV	184.2400, -4.0623, -3.7185
Hunter-Lab	69.8601, -8.1908, 8.0468

Details

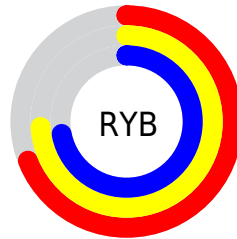
The Yxy color **48.8043, 0.3153, 0.3447** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **44.8705, 0.3100, 0.3135**, and the grayscale version is **48.0965, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.3604, 0.3147, 0.3412**, and **23.2952, 0.3152, 0.3487** is the 20% darker color. If you saturate the color by 10%, you get **46.6765, 0.3192, 0.3714**, and if you desaturate by 10%, it is **51.1754, 0.3113, 0.3206**.

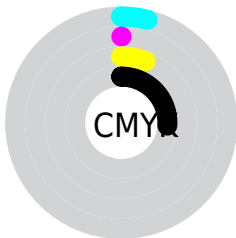
Distribution



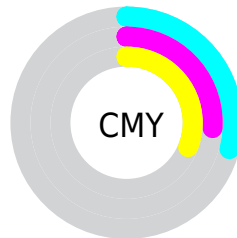
- Red (71%)
- Green (74%)
- Blue (69%)



- Red (69%)
- Yellow (74%)
- Blue (72%)



- Cyan (4%)
- Magenta (0%)
- Yellow (6%)
- Black (26%)



- Cyan (29%)
- Magenta (26%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 48.8043, 0.3153, 0.3447 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 48.8043, 0.3153, 0.3447 by changing the saturation by 10% instead.

■ 48.8043, 0.3153,
0.3447

■ 48.8043, 0.3153,
0.3447

381.9714, 0.3141,
0.3368

■ 34.4643, 0.3156,
0.3467

■ 88.4007, 0.3149,
0.3418

■ 23.2505, 0.3160,
0.3492

114.4259, 0.3147,
0.3408

■ 14.7786, 0.3165,
0.3526

145.1149, 0.3145,
0.3399

■ 8.6641, 0.3171,
0.3573

180.8522, 0.3144,
0.3391

■ 4.5228, 0.3180,
0.3644

222.0221, 0.3143,
0.3384

■ 1.9701, 0.3194,
0.3763

269.0089, 0.3142,

■ 0.5900, 0.3338,

0.3378

0.4489

322.1973, 0.3141,
0.3373

0.0000, 0.0000,
0.0000

48.8043, 0.3153,
0.3447

48.8043, 0.3153,
0.3447

46.6765, 0.3192,
0.3714

51.1754, 0.3113,
0.3206

44.7777, 0.3229,
0.4004

53.7908, 0.3072,
0.2990

43.1020, 0.3260,
0.4314

56.6598, 0.3034,
0.2799

41.6405, 0.3283,
0.4632

59.7890, 0.2996,
0.2631

40.3839, 0.3294,
0.4947

62.1811, 0.3064,
0.2615

■ 39.3220, 0.3291,
0.5241

■ 64.4485, 0.3158,
0.2634

■ 38.4437, 0.3271,
0.5494

■ 37.7364, 0.3236,
0.5692

■ 37.1849, 0.3188,
0.5825

Harmonies

Analogous

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



48.8043, 0.3245, 0.3461



48.8043, 0.3153, 0.3447



48.8043, 0.3055, 0.3389

Triad

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



48.8043, 0.3153, 0.3447



48.8043, 0.2950, 0.3150



48.8043, 0.3279, 0.3275

Complementary

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



48.8043, 0.3153, 0.3447



44.8705, 0.3100, 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.



48.8043, 0.3198, 0.3195



48.8043, 0.3153, 0.3447



48.8043, 0.3009, 0.3123

Square

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



48.8043, 0.3153, 0.3447



48.8043, 0.2939, 0.3216



48.8043, 0.3099, 0.3139



48.8043, 0.3319, 0.3360

Rectangle

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



48.8043, 0.3153, 0.3447



48.8043, 0.2999, 0.3333



48.8043, 0.3099, 0.3139



48.8043, 0.3256, 0.3246

Sweetspot

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



48.8064, 0.3153, 0.3447



90.2648, 0.3135, 0.3339



48.0251, 0.3225, 0.3391



19.4206, 0.3135, 0.3336



95.5105, 0.3127, 0.3290



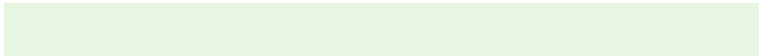
19.5994, 0.3127, 0.3290

Same Dimension

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



48.8064, 0.3153, 0.3447



87.7456, 0.3160, 0.3492



48.4044, 0.3106, 0.3424



10.8001, 0.3165, 0.3524



25.2375, 0.3179, 0.5858



1.0251, 0.3377, 0.5700

Inverse Universe

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



44.8705, 0.3100, 0.3135



78.7712, 0.3092, 0.3091



45.2950, 0.3149, 0.3159



9.5326, 0.3086, 0.3060



5.4977, 0.2392, 0.1092



0.2497, 0.2593, 0.1202

Previews

White Background



This preview shows how the Yxy color 48.8043, 0.3153, 0.3447 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 48.8043, 0.3153, 0.3447 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

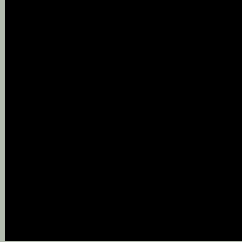
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

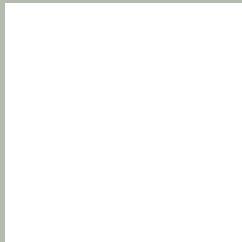
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 48.8043, 0.3153, 0.3447

Background



This preview shows how black text looks on a background with the Yxy color 48.8043, 0.3153, 0.3447.



This preview shows how white text looks on a background with the Yxy color 48.8043, 0.3153, 0.3447.

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

48.8043, 0.3153, 0.3447

Protanopia

48.8303, 0.3265, 0.3431

Deuteranopia

48.5764, 0.3373, 0.3303



Tritanopia

49.0118, 0.3012, 0.3113

Trichromacy



Original Color

48.8043, 0.3153, 0.3447

Protanomaly

48.7778, 0.3222, 0.3432

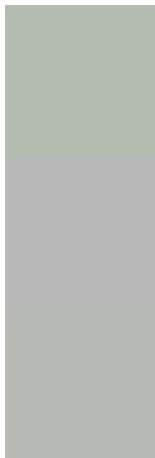
Deuteranomaly

48.5005, 0.3297, 0.3353

Tritanomaly

48.9467, 0.3064, 0.3226

Monochromacy



Original Color

48.8043, 0.3153, 0.3447

Achromatopsia

47.9320, 0.3127, 0.3290

Achromatomaly

48.1014, 0.3142, 0.3342

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.8043, 0.3153, 0.3447 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(180, 188, 176)` looks like.

```
.text, #text, p{  
    color:rgb(180, 188, 176)  
}
```

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(180, 188, 176) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 188, 176) }
```

Border

The CSS property to change the border of an element to Yxy 48.8043, 0.3153, 0.3447 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(180, 188, 176) }
```

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

```
.border{ border-color:rgb(180, 188, 176) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 188, 176)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 188, 176); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 188, 176);  
box-shadow:4px 4px 4px 4px rgb(180, 188,  
176) }
```


Background

The CSS property to change the background color of an element to Yxy 48.8043, 0.3153, 0.3447 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 188, 176) }
```

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

```
.background{ background-color: rgb(180,  
188, 176) }
```

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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