

Converting Colors

$Yxy(48.2791, 0.3189, 0.3436)$

Have a look what the booklet for
Yxy(48.2791, 0.3189, 0.3436)
contains.

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Color

Yxy(48.2802, 0.3188, 0.3433)

Conversions

Conversions Part 1

Format	Color
Hex	B7BAAF
RGB	183, 186, 175
RGB Percent	72%, 73%, 69%
CMY	0.2822, 0.2706, 0.3137
CMYK	0.02, 0.00, 0.06, 0.27
HSL	76°, 7%, 71%
HSV	76°, 6%, 73%
XYZ	44.8346, 48.2802, 47.5208
YIQ	183.8490, 1.7430, -4.0570

Conversions

Conversions Part 2

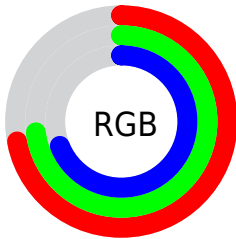
Format	Color
RYB	175, 186, 178
Decimal	12040879
CIELab	75.00, -3.03, 5.19
CIELCh	75, 6.010, 120.243
Yxy	48.2802, 0.3188, 0.3433
Android (android.graphics.Color)	4290230959 (0xFFB7BAAF)
YUV	183.8490, -4.3626, -0.7446
Hunter-Lab	69.4840, -6.4195, 8.0897

Details

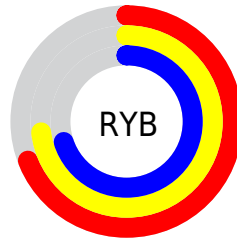
The Yxy color **48.2802, 0.3188, 0.3433** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **43.6706, 0.3064, 0.3145**, and the grayscale version is **47.8739, 0.3127, 0.3290**.

A 20% lighter version of the original color is **87.6245, 0.3174, 0.3402**, and **22.9509, 0.3199, 0.3468** is the 20% darker color. If you saturate the color by 10%, you get **47.0002, 0.3292, 0.3687**, and if you desaturate by 10%, it is **49.6867, 0.3086, 0.3194**.

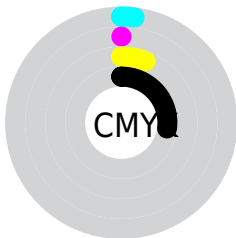
Distribution



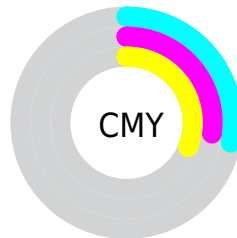
- Red (72%)
- Green (73%)
- Blue (69%)



- Red (69%)
- Yellow (73%)
- Blue (70%)



- Cyan (2%)
- Magenta (0%)
- Yellow (6%)
- Black (27%)



- Cyan (28%)
- Magenta (27%)
- Yellow (31%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 48.2802, 0.3188, 0.3433 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 48.2802, 0.3188, 0.3433 by changing the saturation by 10% instead.

■ 48.2802, 0.3188,
0.3433

■ 48.2802, 0.3188,
0.3433

379.9017, 0.3158,
0.3362

■ 34.0488, 0.3195,
0.3451

■ 87.6214, 0.3177,
0.3407

■ 22.9311, 0.3205,
0.3474

113.5001, 0.3173,
0.3397

■ 14.5427, 0.3217,
0.3505

144.0300, 0.3170,
0.3389

■ 8.4990, 0.3234,
0.3548

179.5955, 0.3167,
0.3382

■ 4.4159, 0.3260,
0.3612

220.5811, 0.3164,
0.3376

■ 1.9088, 0.3300,
0.3719

267.3710, 0.3162,

■ 0.5537, 0.3631,

0.3370

0.4444

320.3498, 0.3160,
0.3366

0.0000, 0.0000,
0.0000

48.2802, 0.3188,
0.3433

48.2802, 0.3188,
0.3433

47.0002, 0.3292,
0.3687

49.6867, 0.3086,
0.3194

45.8362, 0.3396,
0.3953

51.2174, 0.2987,
0.2973

44.7856, 0.3495,
0.4222

52.8785, 0.2894,
0.2770

43.8434, 0.3584,
0.4488

54.6735, 0.2807,
0.2586

43.0044, 0.3659,
0.4739

55.7394, 0.2807,
0.2540

■ 42.2627, 0.3715,
0.4964

■ 56.4733, 0.2843,
0.2547

■ 41.6116, 0.3747,
0.5151

■ 57.2300, 0.2880,
0.2555

■ 41.0436, 0.3754,
0.5294

■ 58.0100, 0.2917,
0.2563

■ 40.5489, 0.3737,
0.5390

■ 58.8132, 0.2954,
0.2571

Harmonies

Analogous

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



48.2802, 0.3256, 0.3426



48.2802, 0.3188, 0.3433



48.2802, 0.3105, 0.3400

Triad

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



48.2802, 0.3188, 0.3433



48.2802, 0.2968, 0.3195



48.2802, 0.3227, 0.3243

Complementary

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



48.2802, 0.3188, 0.3433



43.6706, 0.3064, 0.3145

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.



48.2802, 0.3148, 0.3184



48.2802, 0.3188, 0.3433



48.2802, 0.2999, 0.3155

Square

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



48.2802, 0.3188, 0.3433



48.2802, 0.2978, 0.3261



48.2802, 0.3065, 0.3151



48.2802, 0.3279, 0.3316

Rectangle

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



48.2802, 0.3188, 0.3433



48.2802, 0.3051, 0.3360



48.2802, 0.3065, 0.3151



48.2802, 0.3203, 0.3221

Sweetspot

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



48.2823, 0.3188, 0.3433



88.4835, 0.3148, 0.3339



45.3512, 0.3222, 0.3328



19.4913, 0.3147, 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.



48.2823, 0.3188, 0.3433



87.2315, 0.3201, 0.3463



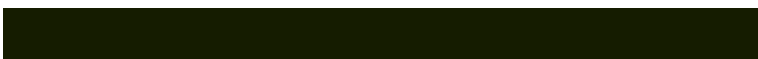
47.6240, 0.3142, 0.3435



10.4322, 0.3204, 0.3472



27.1941, 0.3733, 0.5418



0.9872, 0.3857, 0.5319

Inverse Universe

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



43.6706, 0.3064, 0.3145



77.2307, 0.3050, 0.3114



44.3307, 0.3111, 0.3147



9.1795, 0.3046, 0.3105



2.8708, 0.1675, 0.0696



0.1326, 0.1966, 0.0856

Previews

White Background



This preview shows how the Yxy color 48.2802, 0.3188, 0.3433 looks on a white background.

Color Contrast Check

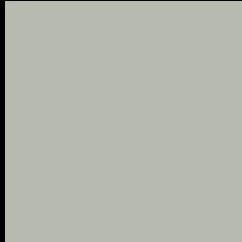
Large Text (above 18pt) WCAG AA × Fail

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 48.2802, 0.3188, 0.3433 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

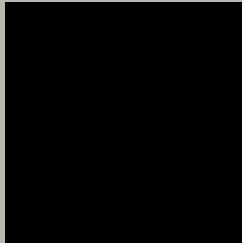
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

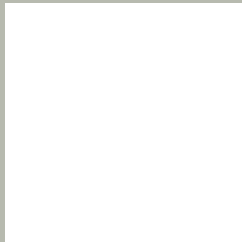
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 48.2802, 0.3188, 0.3433

Background



This preview shows how black text looks on a background with the Yxy color 48.2802, 0.3188, 0.3433.



This preview shows how white text looks on a background with the Yxy color 48.2802, 0.3188, 0.3433.

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

48.2802, 0.3188, 0.3433

Protanopia

48.2841, 0.3258, 0.3419

Deuteranopia

47.9943, 0.3375, 0.3303



Tritanopia

48.3373, 0.3044, 0.3113

Trichromacy



Original Color

48.2802, 0.3188, 0.3433

Protanomaly

48.3187, 0.3231, 0.3432

Deuteranomaly

48.0527, 0.3307, 0.3354

Tritanomaly

48.2694, 0.3097, 0.3226

Monochromacy



Original Color

48.2802, 0.3188, 0.3433

Achromatopsia

47.9320, 0.3127, 0.3290

Achromatomaly

48.2245, 0.3150, 0.3342

CSS Examples

Text

The CSS property to change the color of the text to Yxy 48.2802, 0.3188, 0.3433 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(183, 186, 175)` looks like.

```
.text, #text, p{  
    color:rgb(183, 186, 175)  
}
```

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(183, 186, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(183, 186, 175) }
```

Border

The CSS property to change the border of an element to Yxy 48.2802, 0.3188, 0.3433 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(183, 186, 175) }
```

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

```
.border{ border-color:rgb(183, 186, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(183, 186, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(183, 186, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(183, 186, 175);  
box-shadow:4px 4px 4px 4px rgb(183, 186,  
175) }
```


Background

The CSS property to change the background color of an element to Yxy 48.2802, 0.3188, 0.3433 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(183, 186, 175) }
```

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

```
.background{ background-color: rgb(183,  
186, 175) }
```

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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