

Converting Colors

$Yxy(45.8405, 0.3130, 0.3392)$

Have a look what the booklet for
Yxy(45.8405, 0.3130, 0.3392)
contains.

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Color

Yxy(45.7811, 0.3131, 0.3383)

Conversions

Conversions Part 1

Format	Color
Hex	B0B6AF
RGB	176, 182, 175
RGB Percent	69%, 71%, 69%
CMY	0.3098, 0.2863, 0.3136
CMYK	0.03, 0.00, 0.04, 0.29
HSL	112°, 5%, 70%
HSV	112°, 4%, 71%
XYZ	42.3709, 45.7811, 47.1750
YIQ	179.4080, -1.3290, -3.4490

Conversions

Conversions Part 2

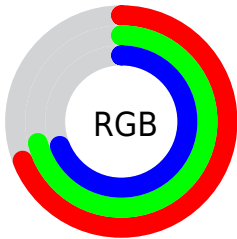
Format	Color
RYB	175, 182, 181
Decimal	11581103
CIELab	73.40, -3.40, 2.81
CIELCh	73, 4.411, 140.496
Yxy	45.7811, 0.3131, 0.3383
Android (android.graphics.Color)	4289771183 (0xFFB0B6AF)
YUV	179.4080, -2.1731, -2.9888
Hunter-Lab	67.6617, -6.6285, 6.0252

Details

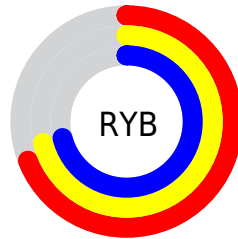
The Yxy color **45.7811, 0.3131, 0.3383** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **43.8774, 0.3123, 0.3198**, and the grayscale version is **45.3218, 0.3127, 0.3290**.

A 20% lighter version of the original color is **84.0180, 0.3137, 0.3373**, and **21.4157, 0.3134, 0.3400** is the 20% darker color. If you saturate the color by 10%, you get **43.3911, 0.3140, 0.3647**, and if you desaturate by 10%, it is **48.4828, 0.3121, 0.3150**.

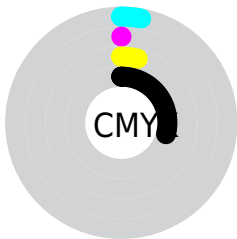
Distribution



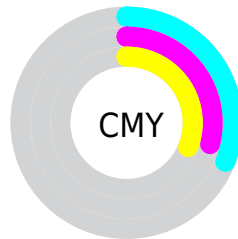
- Red (69%)
- Green (71%)
- Blue (69%)



- Red (69%)
- Yellow (71%)
- Blue (71%)



- Cyan (3%)
- Magenta (0%)
- Yellow (4%)
- Black (29%)



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

Brightness & Saturation Gradients

These gradients show how the Yxy color 45.7811, 0.3131, 0.3383 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 45.7811, 0.3131, 0.3383 by changing the saturation by 10% instead.

■ 45.7811, 0.3131,
0.3383

■ 45.7811, 0.3131,
0.3383

369.9279, 0.3129,
0.3336

■ 32.0731, 0.3131,
0.3395

■ 83.8913, 0.3130,
0.3366

■ 21.4174, 0.3132,
0.3410

109.0623, 0.3130,
0.3359

■ 13.4294, 0.3132,
0.3431

138.8231, 0.3130,
0.3354

■ 7.7249, 0.3133,
0.3460

173.5581, 0.3130,
0.3349

■ 3.9194, 0.3134,
0.3504

213.6517, 0.3130,
0.3345

■ 1.6286, 0.3135,
0.3579

259.4883, 0.3129,

■ 0.3768, 0.3176,

0.3342

0.4351

311.4522, 0.3129,
0.3339

0.0000, 0.0000,
0.0000

45.7811, 0.3131,
0.3383

45.7811, 0.3131,
0.3383

43.3911, 0.3140,
0.3647

48.4828, 0.3121,
0.3150

41.2959, 0.3147,
0.3941

51.5006, 0.3110,
0.2945

39.4857, 0.3150,
0.4261

54.8466, 0.3098,
0.2767

37.9482, 0.3149,
0.4599

58.5302, 0.3087,
0.2613

36.6701, 0.3141,
0.4940

61.8295, 0.3156,
0.2574

■ 35.6368, 0.3128,
0.5264

■ 61.9376, 0.3161,
0.2575

■ 34.8325, 0.3107,
0.5547

■ 34.2392, 0.3082,
0.5767

■ 33.8362, 0.3053,
0.5911

Harmonies

Analogous

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



45.7811, 0.3191, 0.3398



45.7811, 0.3131, 0.3383



45.7811, 0.3070, 0.3342

Triad

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



45.7811, 0.3131, 0.3383



45.7811, 0.3021, 0.3196



45.7811, 0.3231, 0.3292

Complementary

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



45.7811, 0.3131, 0.3383



43.8774, 0.3123, 0.3198

Split Complementary

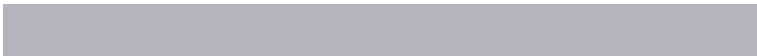
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



45.7811, 0.3184, 0.3239



45.7811, 0.3131, 0.3383



45.7811, 0.3063, 0.3184

Square

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



45.7811, 0.3131, 0.3383



45.7811, 0.3007, 0.3234



45.7811, 0.3123, 0.3200



45.7811, 0.3249, 0.3345

Rectangle

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



45.7811, 0.3131, 0.3383



45.7811, 0.3037, 0.3306



45.7811, 0.3123, 0.3200



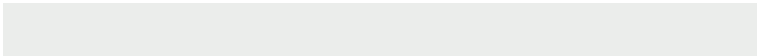
45.7811, 0.3218, 0.3274

Sweetspot

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



45.7831, 0.3131, 0.3383



84.3208, 0.3128, 0.3314



46.0725, 0.3184, 0.3368



18.6294, 0.3128, 0.3313



93.3107, 0.3127, 0.3290



18.7317, 0.3127, 0.3290

Same Dimension

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



45.7831, 0.3131, 0.3383



82.4270, 0.3132, 0.3414



45.7680, 0.3104, 0.3350



10.3251, 0.3133, 0.3428



23.7909, 0.3043, 0.5966



0.8579, 0.3176, 0.5860

Inverse Universe

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



43.8774, 0.3123, 0.3198



77.8815, 0.3122, 0.3168



43.8942, 0.3151, 0.3230



9.6977, 0.3121, 0.3155



7.4594, 0.2867, 0.1353



0.2804, 0.2961, 0.1405

Previews

White Background



This preview shows how the Yxy color 45.7811, 0.3131, 0.3383 looks on a white background.

Color Contrast Check

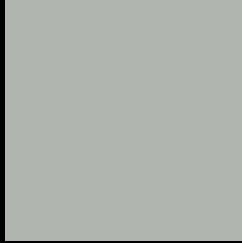
Large Text (above 18pt) WCAG AA × Fail

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 45.7811, 0.3131, 0.3383 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

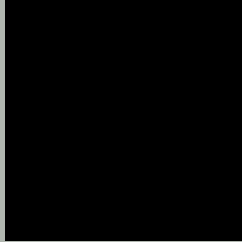
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

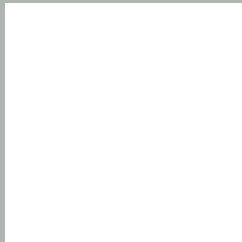
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 45.7811, 0.3131, 0.3383

Background



This preview shows how black text looks on a background with the Yxy color 45.7811, 0.3131, 0.3383.



This preview shows how white text looks on a background with the Yxy color 45.7811, 0.3131, 0.3383.

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

45.7811, 0.3131, 0.3383

Protanopia

45.6105, 0.3220, 0.3356

Deuteranopia

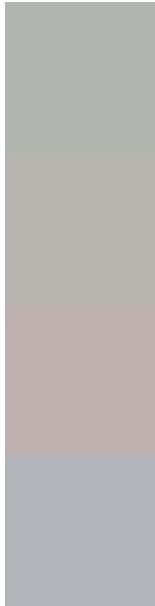
45.5885, 0.3327, 0.3253



Tritanopia

45.6742, 0.3017, 0.3108

Trichromacy



Original Color

45.7811, 0.3131, 0.3383

Protanomaly

45.6436, 0.3193, 0.3369

Deuteranomaly

45.6552, 0.3259, 0.3303

Tritanomaly

45.6527, 0.3063, 0.3211

Monochromacy



Original Color

45.7811, 0.3131, 0.3383

Achromatopsia

45.0786, 0.3127, 0.3290

Achromatomaly

45.3218, 0.3126, 0.3317

CSS Examples

Text

The CSS property to change the color of the text to Yxy 45.7811, 0.3131, 0.3383 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(176, 182, 175)` looks like.

```
.text, #text, p{  
    color:rgb(176, 182, 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(176, 182, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 182, 175) }
```

Border

The CSS property to change the border of an element to Yxy 45.7811, 0.3131, 0.3383 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(176, 182, 175) }
```

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

```
.border{ border-color:rgb(176, 182, 175) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 182, 175)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 182, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 182, 175);  
box-shadow:4px 4px 4px 4px rgb(176, 182,  
175) }
```


Background

The CSS property to change the background color of an element to Yxy 45.7811, 0.3131, 0.3383 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 182, 175) }
```

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

```
.background{ background-color: rgb(176,  
182, 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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