

Converting Colors

Yxy(52.4606, 0.3110, 0.3507)

Have a look what the booklet for
Yxy(52.4606, 0.3110, 0.3507)
contains.

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Color

Yxy(52.3588, 0.3110, 0.3496)

Conversions

Conversions Part 1

Format	Color
Hex	B3C4B4
RGB	179, 196, 180
RGB Percent	70%, 77%, 71%
CMY	0.2978, 0.2314, 0.2941
CMYK	0.09, 0.00, 0.08, 0.23
HSL	123°, 13%, 74%
HSV	123°, 9%, 77%
XYZ	46.5778, 52.3588, 50.8312
YIQ	189.0930, -4.9960, -8.5800

Conversions

Conversions Part 2

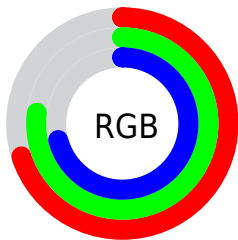
Format	Color
RYB	179, 195, 196
Decimal	11781300
CIELab	77.49, -8.80, 6.05
CIELCh	77, 10.674, 145.488
Yxy	52.3588, 0.3110, 0.3496
Android (android.graphics.Color)	4289971380 (0xFFB3C4B4)
YUV	189.0930, -4.4828, -8.8516
Hunter-Lab	72.3594, -11.7284, 9.0014

Details

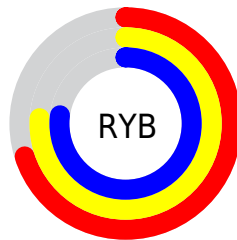
The Yxy color **52.3588, 0.3110, 0.3496** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **47.9389, 0.3145, 0.3092**, and the grayscale version is **50.9789, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.9689, 0.3113, 0.3461**, and **25.3139, 0.3104, 0.3554** is the 20% darker color. If you saturate the color by 10%, you get **49.4838, 0.3089, 0.3765**, and if you desaturate by 10%, it is **55.6709, 0.3130, 0.3260**.

Distribution



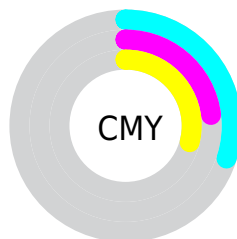
- Red (70%)
- Green (77%)
- Blue (71%)



- Red (70%)
- Yellow (76%)
- Blue (77%)



- Cyan (9%)
- Magenta (0%)
- Yellow (8%)
- Black (23%)




- Cyan (30%)
- Magenta (23%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.3588, 0.3110, 0.3496 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 52.3588, 0.3110, 0.3496 by changing the saturation by 10% instead.


 52.3588, 0.3110,
0.3496

 52.3588, 0.3110,
0.3496


395.8202, 0.3119,
0.3394

 37.2911, 0.3108,
0.3521


 93.6602, 0.3113,
0.3459

 25.4330, 0.3104,
0.3554


120.6627, 0.3115,
0.3445

 16.3999, 0.3100,
0.3597

152.4123, 0.3116,
0.3433

 9.8076, 0.3093,
0.3657

189.2933, 0.3117,
0.3423

 5.2716, 0.3083,
0.3747

231.6903, 0.3117,
0.3414

 2.4075, 0.3065,
0.3893

279.9875, 0.3118,

 0.8297, 0.3046,

0.3406

0.4403

334.5693, 0.3119,
0.3400

0.0000, 0.0000,
0.0000

52.3588, 0.3110,
0.3496

52.3588, 0.3110,
0.3496

49.4838, 0.3089,
0.3765

55.6709, 0.3130,
0.3260

47.0214, 0.3067,
0.4064

59.4302, 0.3148,
0.3054

44.9546, 0.3046,
0.4390

63.6549, 0.3165,
0.2877

43.2628, 0.3025,
0.4731

67.8924, 0.3161,
0.2721

41.9234, 0.3008,
0.5069

67.9554, 0.3154,
0.2712

■ 40.9116, 0.2995,
0.5383

■ 40.1991, 0.2989,
0.5647

■ 39.7531, 0.2988,
0.5841

■ 39.5229, 0.2991,
0.5957

Harmonies

Analogous

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



52.3588, 0.3253, 0.3542



52.3588, 0.3110, 0.3496



52.3588, 0.2974, 0.3391

Triad

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



52.3588, 0.3110, 0.3496



52.3588, 0.2894, 0.3064



52.3588, 0.3380, 0.3313

Complementary

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



52.3588, 0.3110, 0.3496



47.9389, 0.3145, 0.3092

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.



52.3588, 0.3280, 0.3191



52.3588, 0.3110, 0.3496



52.3588, 0.2999, 0.3049

Square

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



52.3588, 0.3110, 0.3496



52.3588, 0.2852, 0.3139



52.3588, 0.3139, 0.3096



52.3588, 0.3411, 0.3432

Rectangle

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



52.3588, 0.3110, 0.3496



52.3588, 0.2905, 0.3303



52.3588, 0.3139, 0.3096



52.3588, 0.3353, 0.3271

Sweetspot

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



52.3610, 0.3110, 0.3496



98.1213, 0.3121, 0.3360



54.3535, 0.3247, 0.3500



20.8972, 0.3120, 0.3379



0.0000, 0.0000, 0.0000



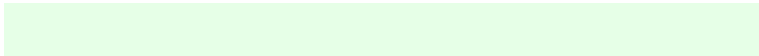
21.4041, 0.3127, 0.3290

Same Dimension

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



52.3610, 0.3110, 0.3496



94.0256, 0.3107, 0.3535



52.7125, 0.3049, 0.3387



11.2677, 0.3109, 0.3514



25.3872, 0.2988, 0.5958



1.1001, 0.2946, 0.5807

Inverse Universe

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



47.9389, 0.3145, 0.3092



84.7043, 0.3148, 0.3057



47.5708, 0.3212, 0.3195



10.2375, 0.3146, 0.3076



9.7972, 0.3353, 0.1621



0.4263, 0.3318, 0.1601

Previews

White Background



This preview shows how the Yxy color 52.3588, 0.3110, 0.3496 looks on a white background.

Color Contrast Check

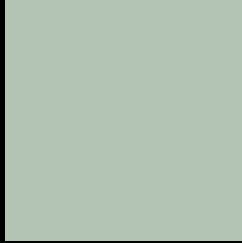
Large Text (above 18pt) WCAG AA × Fail

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 52.3588, 0.3110, 0.3496 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

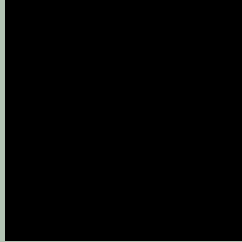
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

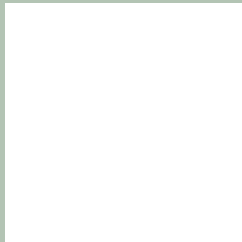
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 52.3588, 0.3110, 0.3496

Background



This preview shows how black text looks on a background with the Yxy color 52.3588, 0.3110, 0.3496.

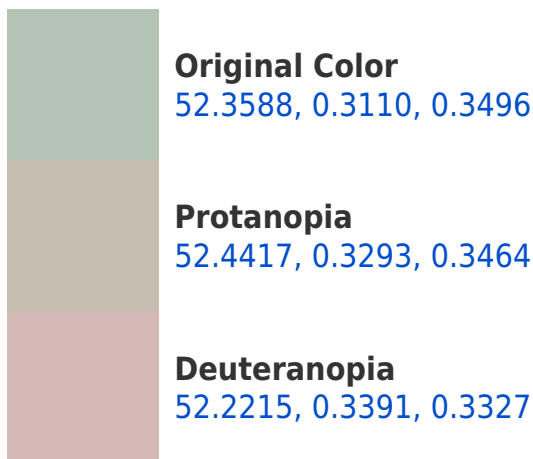


This preview shows how white text looks on a background with the Yxy color 52.3588, 0.3110, 0.3496.

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





Tritanopia

52.2715, 0.2947, 0.3104

Trichromacy



Original Color

52.3588, 0.3110, 0.3496

Protanomaly

52.4306, 0.3224, 0.3479

Deuteranomaly

52.1489, 0.3290, 0.3389

Tritanomaly

52.1162, 0.3011, 0.3239

Monochromacy



Original Color

52.3588, 0.3110, 0.3496

Achromatopsia

50.8881, 0.3127, 0.3290

Achromatomaly

51.5587, 0.3116, 0.3366

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.3588, 0.3110, 0.3496 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(179, 196, 180)` looks like.

```
.text, #text, p{  
    color:rgb(179, 196, 180)  
}
```

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(179, 196, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 196, 180) }
```

Border

The CSS property to change the border of an element to Yxy 52.3588, 0.3110, 0.3496 is called "border". The border property can be set on classes, ids or directly on the HTML element.

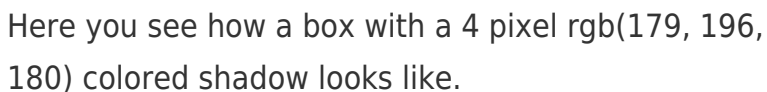
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(179, 196, 180) }
```

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

```
.border{ border-color:rgb(179, 196, 180) }
```

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



Here you see how a box with a 4 pixel `rgb(179, 196, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(179, 196, 180); -webkit-box-shadow:4px 4px 4px 4px rgb(179, 196, 180); box-shadow:4px 4px 4px 4px rgb(179, 196, 180) }
```


Background

The CSS property to change the background color of an element to Yxy 52.3588, 0.3110, 0.3496 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 196, 180) }
```

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

```
.background{ background-color: rgb(179,  
196, 180) }
```

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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