

Converting Colors

$Yxy(50.6773, 0.2957, 0.3468)$

Have a look what the booklet for
Yxy(50.6773, 0.2957, 0.3468)
contains.

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Color

Yxy(50.5801, 0.2957, 0.3463)

Conversions

Conversions Part 1

Format	Color
Hex	A2C4B7
RGB	162, 196, 183
RGB Percent	64%, 77%, 72%
CMY	0.3647, 0.2314, 0.2823
CMYK	0.17, 0.00, 0.07, 0.23
HSL	157°, 22%, 70%
HSV	157°, 17%, 77%
XYZ	43.1895, 50.5801, 52.2890
YIQ	184.3520, -16.0910, -11.2510

Conversions

Conversions Part 2

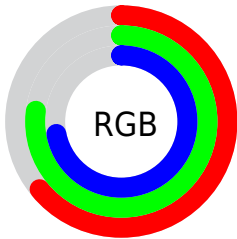
Format	Color
RYB	162, 183, 196
Decimal	10667191
CIELab	76.42, -13.98, 2.73
CIELCh	76, 14.244, 168.942
Yxy	50.5801, 0.2957, 0.3463
Android (android.graphics.Color)	4288857271 (0xFFA2C4B7)
YUV	184.3520, -0.6665, -19.6027
Hunter-Lab	71.1197, -16.0600, 6.1923

Details

The Yxy color **50.5801, 0.2957, 0.3463** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **40.6765, 0.3335, 0.3124**, and the grayscale version is **48.1502, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.2343, 0.2986, 0.3434**, and **24.2727, 0.2912, 0.3510** is the 20% darker color. If you saturate the color by 10%, you get **48.3830, 0.2865, 0.3577**, and if you desaturate by 10%, it is **53.1180, 0.3054, 0.3359**.

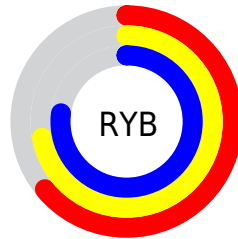
Distribution



Red (64%)

Green (77%)

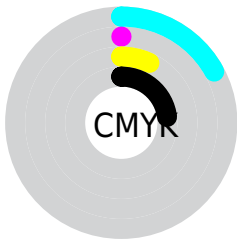
Blue (72%)



Red (64%)

Yellow (72%)

Blue (77%)

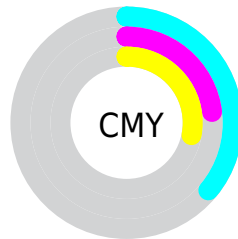


Cyan (17%)

Magenta (0%)

Yellow (7%)

Black (23%)



Cyan (36%)


Magenta (23%)


Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.5801, 0.2957, 0.3463 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 50.5801, 0.2957, 0.3463 by changing the saturation by 10% instead.


 50.5801, 0.2957,
0.3463

 50.5801, 0.2957,
0.3463


388.9302, 0.3041,
0.3377

 35.8745, 0.2936,
0.3484


 91.0338, 0.2988,
0.3432

 24.3373, 0.2909,
0.3512


 117.5507, 0.2999,
0.3420

 15.5840, 0.2874,
0.3549


148.7735, 0.3009,
0.3410

 9.2303, 0.2825,
0.3600

185.0867, 0.3017,
0.3401

 4.8917, 0.2753,
0.3676

226.8745, 0.3024,
0.3394

 2.1839, 0.2635,
0.3803

274.5214, 0.3031,

 0.7112, 0.2054,

0.3388

0.4365

328.4119, 0.3036,
0.3382

0.0000, 0.0000,
0.0000

50.5801, 0.2957,
0.3463

50.5801, 0.2957,
0.3463

48.3830, 0.2865,
0.3577

53.1180, 0.3054,
0.3359

46.5053, 0.2782,
0.3701

56.0043, 0.3154,
0.3266

44.9330, 0.2709,
0.3834

59.2545, 0.3254,
0.3183

43.6483, 0.2651,
0.3975

62.8811, 0.3354,
0.3110

42.6317, 0.2611,
0.4121

65.9328, 0.3412,
0.3042

■ 41.8612, 0.2589,
0.4269

■ 66.3400, 0.3354,
0.2968

■ 41.3111, 0.2588,
0.4417

■ 66.7653, 0.3297,
0.2895

■ 40.9454, 0.2605,
0.4562

■ 67.2087, 0.3241,
0.2824

■ 40.8624, 0.2611,
0.4600

■ 67.6707, 0.3187,
0.2754

Harmonies

Analogous

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



50.5801, 0.3146, 0.3592



50.5801, 0.2957, 0.3463



50.5801, 0.2817, 0.3286

Triad

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



50.5801, 0.2957, 0.3463



50.5801, 0.2917, 0.2965



50.5801, 0.3511, 0.3446

Complementary

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



50.5801, 0.2957, 0.3463



40.6765, 0.3335, 0.3124

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.



50.5801, 0.3447, 0.3282



50.5801, 0.2957, 0.3463



50.5801, 0.3099, 0.3011

Square

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



50.5801, 0.2957, 0.3463



50.5801, 0.2794, 0.3001



50.5801, 0.3294, 0.3125



50.5801, 0.3469, 0.3575

Rectangle

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



50.5801, 0.2957, 0.3463



50.5801, 0.2767, 0.3168



50.5801, 0.3294, 0.3125



50.5801, 0.3501, 0.3393

Sweetspot

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



50.5822, 0.2957, 0.3463



97.3515, 0.3076, 0.3337



51.2082, 0.3210, 0.3740



20.7604, 0.3069, 0.3344



0.0000, 0.0000, 0.0000



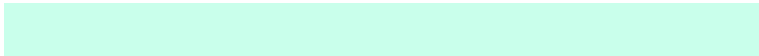
21.4041, 0.3127, 0.3290

Same Dimension

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



50.5822, 0.2957, 0.3463



89.9708, 0.2920, 0.3507



49.3833, 0.2866, 0.3237



11.3611, 0.3034, 0.3379



26.2728, 0.2606, 0.4580



1.1483, 0.2516, 0.4258

Inverse Universe

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



40.6765, 0.3335, 0.3124



68.5133, 0.3393, 0.3083



41.6095, 0.3448, 0.3342



10.1402, 0.3230, 0.3202



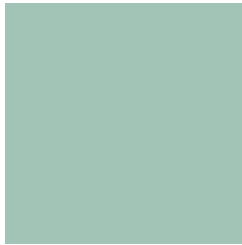
7.8822, 0.5424, 0.2761



0.3540, 0.4820, 0.2429

Previews

White Background



This preview shows how the Yxy color 50.5801, 0.2957, 0.3463 looks on a white background.

Color Contrast Check

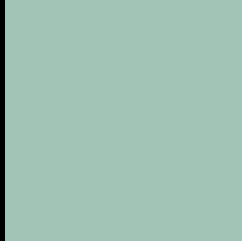
Large Text (above 18pt) WCAG AA × Fail

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 50.5801, 0.2957, 0.3463 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

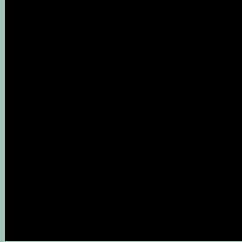
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

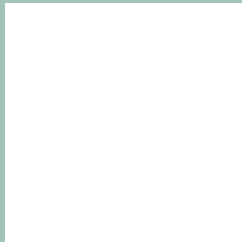
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 50.5801, 0.2957, 0.3463

Background



This preview shows how black text looks on a background with the Yxy color 50.5801, 0.2957, 0.3463.

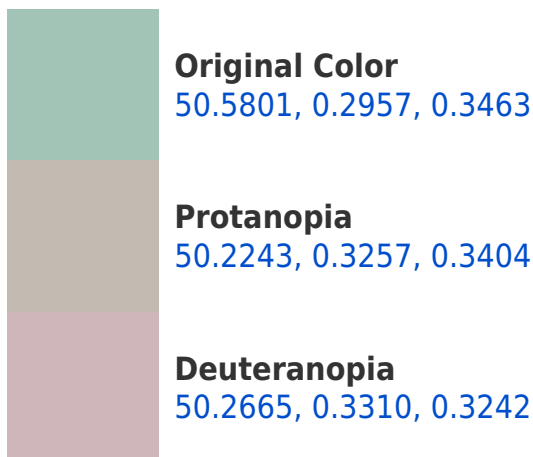


This preview shows how white text looks on a background with the Yxy color 50.5801, 0.2957, 0.3463.

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

50.4688, 0.2822, 0.3084

Trichromacy



Original Color

50.5801, 0.2957, 0.3463

Protanomaly

50.0673, 0.3137, 0.3419

Deuteranomaly

50.1198, 0.3176, 0.3315

Tritanomaly

50.2628, 0.2868, 0.3211

Monochromacy



Original Color

50.5801, 0.2957, 0.3463

Achromatopsia

47.9320, 0.3127, 0.3290

Achromatomaly

48.6572, 0.3059, 0.3342

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.5801, 0.2957, 0.3463 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(162, 196, 183)` looks like.

```
.text, #text, p{  
    color:rgb(162, 196, 183)  
}
```

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(162, 196, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 196, 183) }
```

Border

The CSS property to change the border of an element to Yxy 50.5801, 0.2957, 0.3463 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(162, 196, 183) }
```

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

```
.border{ border-color:rgb(162, 196, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 196, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(162, 196, 183); -webkit-box-shadow:4px 4px 4px 4px rgb(162, 196, 183); box-shadow:4px 4px 4px 4px rgb(162, 196, 183) }
```


Background

The CSS property to change the background color of an element to Yxy 50.5801, 0.2957, 0.3463 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 196, 183) }
```

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

```
.background{ background-color: rgb(162,  
196, 183) }
```

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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