

Converting Colors

$Yxy(50.5544, 0.2945, 0.3580)$

Have a look what the booklet for
Yxy(50.5544, 0.2945, 0.3580)
contains.

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Color

Yxy(50.5311, 0.2947, 0.3575)

Conversions

Conversions Part 1

Format	Color
Hex	9BC6B1
RGB	155, 198, 177
RGB Percent	61%, 78%, 69%
CMY	0.3920, 0.2236, 0.3058
CMYK	0.22, 0.00, 0.11, 0.22
HSL	151°, 27%, 69%
HSV	151°, 22%, 78%
XYZ	41.6546, 50.5311, 49.1600
YIQ	182.7490, -18.8870, -15.6470

Conversions

Conversions Part 2

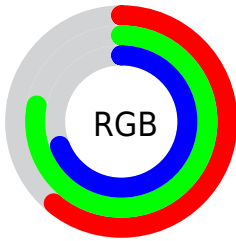
Format	Color
RYB	155, 183, 198
Decimal	10208945
CIELab	76.39, -18.46, 5.87
CIELCh	76, 19.370, 162.363
Yxy	50.5311, 0.2947, 0.3575
Android (android.graphics.Color)	4288399025 (0xFF9BC6B1)
YUV	182.7490, -2.8343, -24.3359
Hunter-Lab	71.0852, -19.8016, 8.7568

Details

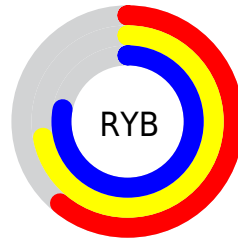
The Yxy color **50.5311, 0.2947, 0.3575** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **38.5977, 0.3355, 0.3022**, and the grayscale version is **47.2386, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.1048, 0.2977, 0.3521**, and **24.2853, 0.2900, 0.3667** is the 20% darker color. If you saturate the color by 10%, you get **48.3593, 0.2871, 0.3729**, and if you desaturate by 10%, it is **53.0556, 0.3029, 0.3435**.

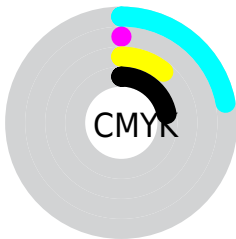
Distribution



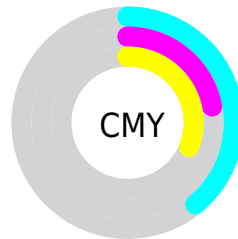
- Red (61%)
- Green (78%)
- Blue (69%)



- Red (61%)
- Yellow (72%)
- Blue (78%)



- Cyan (22%)
- Magenta (0%)
- Yellow (11%)
- Black (22%)





- Cyan (39%)
- Magenta (22%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 50.5311, 0.2947, 0.3575 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 50.5311, 0.2947, 0.3575 by changing the saturation by 10% instead.


 50.5311, 0.2947,
0.3575

 50.5311, 0.2947,
0.3575


388.7392, 0.3037,
0.3432

 35.8356, 0.2924,
0.3611


 90.9613, 0.2980,
0.3523

 24.3072, 0.2895,
0.3658


 117.4647, 0.2992,
0.3503

 15.5617, 0.2857,
0.3720


148.6729, 0.3003,
0.3487

 9.2145, 0.2802,
0.3808

184.9703, 0.3011,
0.3472

 4.8814, 0.2721,
0.3941

226.7412, 0.3019,
0.3460

 2.1778, 0.2586,
0.4164

274.3701, 0.3026,

 0.7079, 0.1722,

0.3449

0.5485

328.2413, 0.3032,
0.3440

0.0000, 0.0000,
0.0000

50.5311, 0.2947,
0.3575

50.5311, 0.2947,
0.3575

48.3593, 0.2871,
0.3729

53.0556, 0.3029,
0.3435

46.5178, 0.2803,
0.3896

55.9417, 0.3113,
0.3310

44.9912, 0.2746,
0.4075

59.2057, 0.3198,
0.3198

43.7602, 0.2705,
0.4262

62.8610, 0.3282,
0.3100

42.8034, 0.2681,
0.4453

66.9204, 0.3364,
0.3013

■ 42.0966, 0.2676,
0.4644

■ 67.6459, 0.3298,
0.2919

■ 41.6105, 0.2691,
0.4829

■ 68.2204, 0.3227,
0.2827

■ 41.3305, 0.2716,
0.4976

■ 68.8257, 0.3158,
0.2738

■ 68.8654, 0.3153,
0.2732

Harmonies

Analogous

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



50.5311, 0.3208, 0.3730



50.5311, 0.2947, 0.3575



50.5311, 0.2740, 0.3336

Triad

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



50.5311, 0.2947, 0.3575



50.5311, 0.2797, 0.2853



50.5311, 0.3645, 0.3449

Complementary

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



50.5311, 0.2947, 0.3575



38.5977, 0.3355, 0.3022

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.



50.5311, 0.3526, 0.3227



50.5311, 0.2947, 0.3575



50.5311, 0.3029, 0.2893

Square

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



50.5311, 0.2947, 0.3575



50.5311, 0.2657, 0.2922



50.5311, 0.3297, 0.3028



50.5311, 0.3617, 0.3642

Rectangle

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



50.5311, 0.2947, 0.3575



50.5311, 0.2657, 0.3171



50.5311, 0.3297, 0.3028



50.5311, 0.3621, 0.3376

Sweetspot

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



50.5332, 0.2947, 0.3575



96.2215, 0.3067, 0.3376



52.0441, 0.3271, 0.3857



20.5290, 0.3062, 0.3384



0.0000, 0.0000, 0.0000



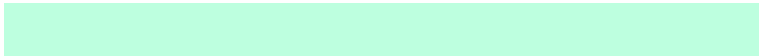
21.4041, 0.3127, 0.3290

Same Dimension

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



50.5332, 0.2947, 0.3575



87.6075, 0.2910, 0.3646



51.4352, 0.2808, 0.3289



11.9769, 0.3048, 0.3405



26.8975, 0.2709, 0.4953



1.2882, 0.2605, 0.4576

Inverse Universe

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



38.5977, 0.3355, 0.3022



62.7512, 0.3418, 0.2961



37.8303, 0.3561, 0.3291



10.7218, 0.3215, 0.3178



8.3826, 0.4988, 0.2522



0.4115, 0.4520, 0.2264

Previews

White Background



This preview shows how the Yxy color 50.5311, 0.2947, 0.3575 looks on a white background.

Color Contrast Check

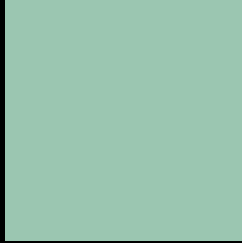
Large Text (above 18pt) WCAG AA × Fail

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 50.5311, 0.2947, 0.3575 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

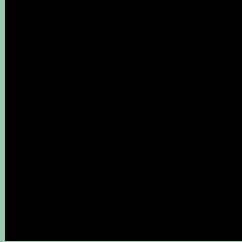
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

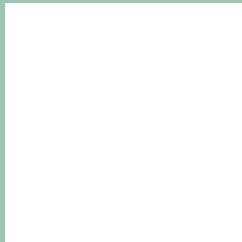
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 50.5311, 0.2947, 0.3575

Background



This preview shows how black text looks on a background with the Yxy color 50.5311, 0.2947, 0.3575.

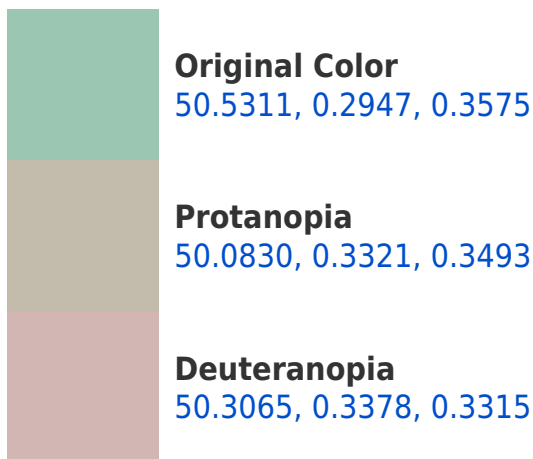


This preview shows how white text looks on a background with the Yxy color 50.5311, 0.2947, 0.3575.

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

50.3204, 0.2774, 0.3083

Trichromacy



Original Color

50.5311, 0.2947, 0.3575

Protanomaly

49.9820, 0.3173, 0.3525

Deuteranomaly

50.0399, 0.3205, 0.3405

Tritanomaly

50.4324, 0.2840, 0.3263

Monochromacy



Original Color

50.5311, 0.2947, 0.3575

Achromatopsia

47.3531, 0.3127, 0.3290

Achromatomaly

48.1869, 0.3057, 0.3382

CSS Examples

Text

The CSS property to change the color of the text to Yxy 50.5311, 0.2947, 0.3575 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(155, 198, 177)` looks like.

```
.text, #text, p{  
    color:rgb(155, 198, 177)  
}
```

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(155, 198, 177) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(155, 198, 177) }
```

Border

The CSS property to change the border of an element to Yxy 50.5311, 0.2947, 0.3575 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(155, 198, 177) }
```

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

```
.border{ border-color:rgb(155, 198, 177) }
```

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

Here you see how a box with a 4 pixel `rgb(155, 198, 177)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(155, 198, 177); -webkit-box-  
shadow:4px 4px 4px 4px rgb(155, 198, 177);  
box-shadow:4px 4px 4px 4px rgb(155, 198,  
177) }
```


Background

The CSS property to change the background color of an element to Yxy 50.5311, 0.2947, 0.3575 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(155, 198, 177) }
```

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

```
.background{ background-color: rgb(155,  
198, 177) }
```

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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