

Converting Colors

Yxy(53.0215, 0.3125, 0.3628)

Have a look what the booklet for
Yxy(53.0215, 0.3125, 0.3628)
contains.

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Color

Yxy(52.9779, 0.3127, 0.3629)

Conversions

Conversions Part 1

Format	Color
Hex	AFC7AD
RGB	175, 199, 173
RGB Percent	69%, 78%, 68%
CMY	0.3136, 0.2196, 0.3215
CMYK	0.12, 0.00, 0.13, 0.22
HSL	115°, 19%, 73%
HSV	115°, 13%, 78%
XYZ	45.6495, 52.9779, 47.3575
YIQ	188.8600, -5.9580, -13.1740

Conversions

Conversions Part 2

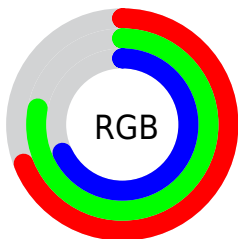
Format	Color
RYB	173, 199, 197
Decimal	11519917
CIELab	77.86, -13.01, 10.30
CIELCh	78, 16.596, 141.644
Yxy	52.9779, 0.3127, 0.3629
Android (android.graphics.Color)	4289709997 (0xFFAFC7AD)
YUV	188.8600, -7.8190, -12.1552
Hunter-Lab	72.7859, -15.4247, 12.3737

Details

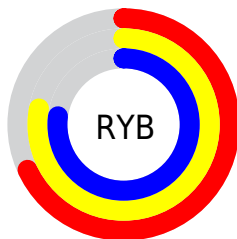
The Yxy color **52.9779, 0.3127, 0.3629** is a light color, and the websafe version is hex **99CCCC**. A complement of this color would be **45.8810, 0.3125, 0.2970**, and the grayscale version is **50.8561, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.1104, 0.3133, 0.3564**, and **25.7688, 0.3117, 0.3719** is the 20% darker color. If you saturate the color by 10%, you get **50.2842, 0.3125, 0.3926**, and if you desaturate by 10%, it is **56.0796, 0.3127, 0.3364**.

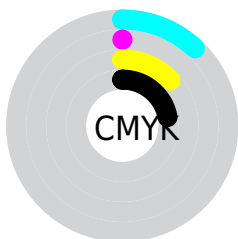
Distribution



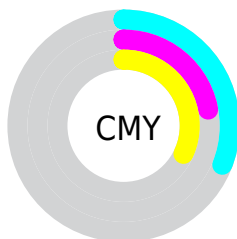
- Red (69%)
- Green (78%)
- Blue (68%)



- Red (68%)
- Yellow (78%)
- Blue (77%)



- Cyan (12%)
- Magenta (0%)
- Yellow (13%)
- Black (22%)




- Cyan (31%)
- Magenta (22%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 52.9779, 0.3127, 0.3629 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 52.9779, 0.3127, 0.3629 by changing the saturation by 10% instead.


 52.9779, 0.3127,
0.3629

 52.9779, 0.3127,
0.3629


398.2003, 0.3129,
0.3460

 37.7851, 0.3126,
0.3671


 94.5718, 0.3128,
0.3567

 25.8160, 0.3124,
0.3726


121.7418, 0.3128,
0.3544

 16.6860, 0.3122,
0.3798

153.6730, 0.3129,
0.3525

 10.0109, 0.3117,
0.3899

190.7497, 0.3129,
0.3508

 5.4062, 0.3108,
0.4050

233.3564, 0.3129,
0.3493

 2.4875, 0.3087,
0.4298

281.8775, 0.3129,

 0.8704, 0.3170,

0.3481

0.5414

336.6973, 0.3129,
0.3470

0.0000, 0.0000,
0.0000

52.9779, 0.3127,
0.3629

52.9779, 0.3127,
0.3629

50.2842, 0.3125,
0.3926

56.0796, 0.3127,
0.3364

47.9752, 0.3120,
0.4251

59.5981, 0.3126,
0.3132

46.0352, 0.3111,
0.4597

63.5506, 0.3124,
0.2930

44.4451, 0.3099,
0.4946

67.9512, 0.3121,
0.2756

43.1840, 0.3084,
0.5278

69.3262, 0.3153,
0.2742

■ 42.2288, 0.3066,
0.5568

■ 41.5532, 0.3046,
0.5790

■ 41.1267, 0.3026,
0.5930

■ 40.9514, 0.3016,
0.5987

Harmonies

Analogous

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



52.9779, 0.3345, 0.3684



52.9779, 0.3127, 0.3629



52.9779, 0.2914, 0.3472

Triad

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



52.9779, 0.3127, 0.3629



52.9779, 0.2755, 0.2951



52.9779, 0.3506, 0.3297

Complementary

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



52.9779, 0.3127, 0.3629



45.8810, 0.3125, 0.2970

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.



52.9779, 0.3337, 0.3116



52.9779, 0.3127, 0.3629



52.9779, 0.2903, 0.2920

Square

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



52.9779, 0.3127, 0.3629



52.9779, 0.2704, 0.3074



52.9779, 0.3115, 0.2980



52.9779, 0.3569, 0.3482

Rectangle

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



52.9779, 0.3127, 0.3629



52.9779, 0.2803, 0.3335



52.9779, 0.3115, 0.2980



52.9779, 0.3459, 0.3234

Sweetspot

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



52.9802, 0.3127, 0.3629



97.6194, 0.3127, 0.3389



55.0158, 0.3324, 0.3584



20.8016, 0.3127, 0.3409



0.0000, 0.0000, 0.0000



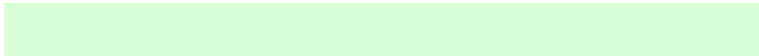
21.4041, 0.3127, 0.3290

Same Dimension

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



52.9802, 0.3127, 0.3629



91.1930, 0.3126, 0.3720



53.1850, 0.3034, 0.3486



11.9265, 0.3127, 0.3528



26.3485, 0.3019, 0.5985



1.2615, 0.3087, 0.5931

Inverse Universe

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



45.8810, 0.3125, 0.2970



76.0790, 0.3124, 0.2890



45.6697, 0.3232, 0.3102



10.7732, 0.3126, 0.3061



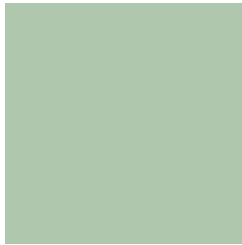
9.1868, 0.3017, 0.1436



0.4477, 0.3059, 0.1459

Previews

White Background



This preview shows how the Yxy color 52.9779, 0.3127, 0.3629 looks on a white background.

Color Contrast Check

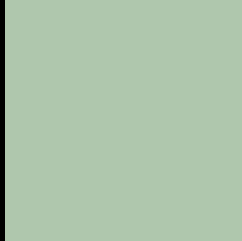
Large Text (above 18pt) WCAG AA × Fail

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 52.9779, 0.3127, 0.3629 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

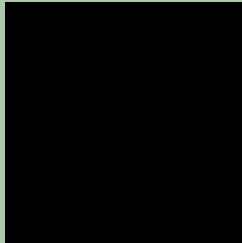
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

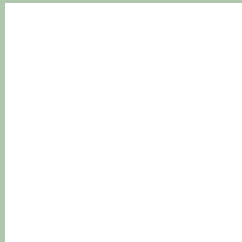
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 52.9779, 0.3127, 0.3629

Background



This preview shows how black text looks on a background with the Yxy color 52.9779, 0.3127, 0.3629.



This preview shows how white text looks on a background with the Yxy color 52.9779, 0.3127, 0.3629.

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

52.9779, 0.3127, 0.3629

Protanopia

52.9814, 0.3380, 0.3575

Deuteranopia

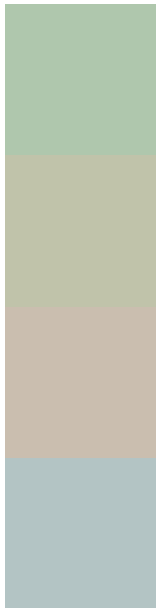
52.5842, 0.3476, 0.3397



Tritanopia

53.0108, 0.2919, 0.3104

Trichromacy



Original Color

52.9779, 0.3127, 0.3629

Protanomaly

53.1390, 0.3291, 0.3606

Deuteranomaly

52.4786, 0.3345, 0.3475

Tritanomaly

53.0491, 0.2995, 0.3290

Monochromacy



Original Color

52.9779, 0.3127, 0.3629

Achromatopsia

50.8881, 0.3127, 0.3290

Achromatomaly

51.7492, 0.3129, 0.3417

CSS Examples

Text

The CSS property to change the color of the text to Yxy 52.9779, 0.3127, 0.3629 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(175, 199, 173)` looks like.

```
.text, #text, p{  
    color:rgb(175, 199, 173)  
}
```

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(175, 199, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(175, 199, 173) }
```

Border

The CSS property to change the border of an element to Yxy 52.9779, 0.3127, 0.3629 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(175, 199, 173) }
```

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

```
.border{ border-color:rgb(175, 199, 173) }
```

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

Here you see how a box with a 4 pixel `rgb(175, 199, 173)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(175, 199, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(175, 199, 173);  
box-shadow:4px 4px 4px 4px rgb(175, 199,  
173) }
```


Background

The CSS property to change the background color of an element to Yxy 52.9779, 0.3127, 0.3629 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(175, 199, 173) }
```

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

```
.background{ background-color: rgb(175,  
199, 173) }
```

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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