

Converting Colors

Yxy(55.4030, 0.3102, 0.3949)

Have a look what the booklet for
Yxy(55.4030, 0.3102, 0.3949)
contains.

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Color

Yxy(55.5777, 0.3103, 0.3959)

Conversions

Conversions Part 1

Format	Color
Hex	A0D19F
RGB	160, 209, 159
RGB Percent	63%, 82%, 62%
CMY	0.3725, 0.1804, 0.3764
CMYK	0.23, 0.00, 0.24, 0.18
HSL	119°, 35%, 72%
HSV	119°, 24%, 82%
XYZ	43.5609, 55.5777, 41.2446
YIQ	188.6490, -13.1540, -25.9380

Conversions

Conversions Part 2

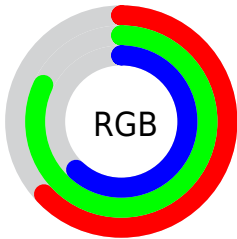
Format	Color
RYB	159, 209, 208
Decimal	10539423
CIELab	79.37, -25.59, 19.73
CIElCh	79, 32.311, 142.375
Yxy	55.5777, 0.3103, 0.3959
Android (android.graphics.Color)	4288729503 (0xFFA0D19F)
YUV	188.6490, -14.6170, -25.1252
Hunter-Lab	74.5505, -26.1632, 19.3835

Details

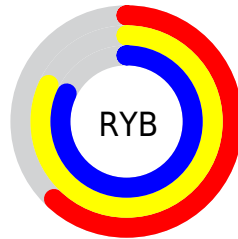
The Yxy color **55.5777, 0.3103, 0.3959** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **42.8195, 0.3146, 0.2698**, and the grayscale version is **50.7733, 0.3127, 0.3290**.

A 20% lighter version of the original color is **90.9740, 0.3119, 0.3723**, and **27.2985, 0.3087, 0.4156** is the 20% darker color. If you saturate the color by 10%, you get **52.9741, 0.3090, 0.4292**, and if you desaturate by 10%, it is **58.6565, 0.3114, 0.3656**.

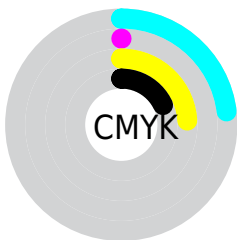
Distribution



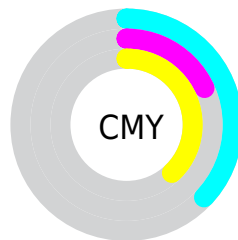
- Red (63%)
- Green (82%)
- Blue (62%)



- Red (62%)
- Yellow (82%)
- Blue (82%)



- Cyan (23%)
- Magenta (0%)
- Yellow (24%)
- Black (18%)




- Cyan (37%)
- Magenta (18%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 55.5777, 0.3103, 0.3959 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 55.5777, 0.3103, 0.3959 by changing the saturation by 10% instead.


 55.5777, 0.3103,
0.3959


 55.5777, 0.3103,
0.3959

408.0981, 0.3122,
0.3621

 39.8644, 0.3096,
0.4044

 98.3869, 0.3111,
0.3836

 27.4329, 0.3087,
0.4154


 126.2516, 0.3114,
0.3790

 17.8986, 0.3071,
0.4300


158.9355, 0.3116,
0.3751

 10.8772, 0.3046,
0.4504

196.8231, 0.3118,
0.3717

 5.9843, 0.3001,
0.4809

240.2988, 0.3119,
0.3688

 2.8355, 0.2906,
0.5305

289.7469, 0.3120,

 1.0465, 0.2568,

0.3663

0.7432

345.5519, 0.3121,
0.3641

0.0000, 0.0000,
0.0000

55.5777, 0.3103,
0.3959

55.5777, 0.3103,
0.3959

52.9741, 0.3090,
0.4292

58.6565, 0.3114,
0.3656

50.8156, 0.3075,
0.4645

62.2250, 0.3124,
0.3386

49.0791, 0.3059,
0.5001

66.3058, 0.3132,
0.3151

47.7373, 0.3043,
0.5335

70.9181, 0.3138,
0.2947

46.7590, 0.3028,
0.5619

74.0798, 0.3148,
0.2841

■ 46.1088, 0.3016,
0.5830

■ 45.7441, 0.3006,
0.5954

■ 45.6267, 0.3004,
0.5997

Harmonies

Analogous

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



55.5777, 0.3521, 0.4058



55.5777, 0.3103, 0.3959



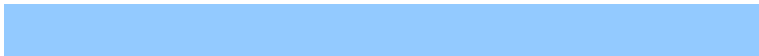
55.5777, 0.2709, 0.3635

Triad

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



55.5777, 0.3103, 0.3959



55.5777, 0.2438, 0.2647



55.5777, 0.3865, 0.3294

Complementary

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



55.5777, 0.3103, 0.3959



42.8195, 0.3146, 0.2698

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.



55.5777, 0.3536, 0.2970



55.5777, 0.3103, 0.3959



55.5777, 0.2708, 0.2607

Square

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



55.5777, 0.3103, 0.3959



55.5777, 0.2343, 0.2857



55.5777, 0.3105, 0.2726



55.5777, 0.3979, 0.3637

Rectangle

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



55.5777, 0.3103, 0.3959



55.5777, 0.2510, 0.3355



55.5777, 0.3105, 0.2726



55.5777, 0.3775, 0.3181

Sweetspot

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



55.5801, 0.3103, 0.3959



95.7349, 0.3121, 0.3468



60.8459, 0.3490, 0.3864



20.4165, 0.3120, 0.3484



0.0000, 0.0000, 0.0000



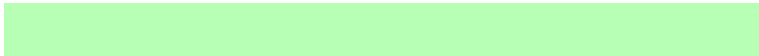
21.4041, 0.3127, 0.3290

Same Dimension

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



55.5801, 0.3103, 0.3959



84.8672, 0.3096, 0.4137



56.3654, 0.2943, 0.3640



13.2173, 0.3119, 0.3530



28.1378, 0.3005, 0.5996



1.5773, 0.3021, 0.5984

Inverse Universe

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



42.8195, 0.3146, 0.2698



61.2697, 0.3150, 0.2563



41.8925, 0.3364, 0.2965



11.9966, 0.3135, 0.3061



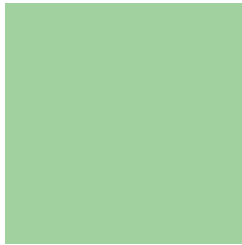
10.8320, 0.3160, 0.1514



0.6096, 0.3170, 0.1520

Previews

White Background



This preview shows how the Yxy color 55.5777, 0.3103, 0.3959 looks on a white background.

Color Contrast Check

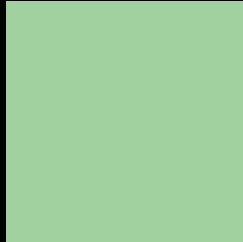
Large Text (above 18pt) WCAG AA × Fail

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 55.5777, 0.3103, 0.3959 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

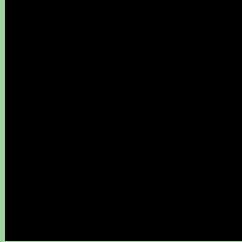
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 55.5777, 0.3103, 0.3959

Background



This preview shows how black text looks on a background with the Yxy color 55.5777, 0.3103, 0.3959.

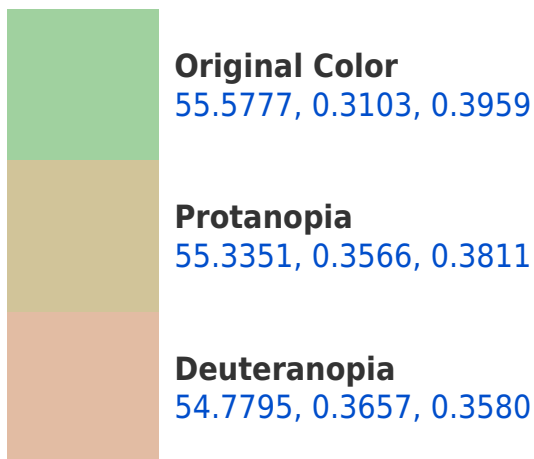


This preview shows how white text looks on a background with the Yxy color 55.5777, 0.3103, 0.3959.

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

55.3291, 0.2793, 0.3091

Trichromacy



Original Color

55.5777, 0.3103, 0.3959

Protanomaly

55.2162, 0.3386, 0.3871

Deuteranomaly

54.6450, 0.3436, 0.3709

Tritanomaly

55.2782, 0.2901, 0.3392

Monochromacy



Original Color

55.5777, 0.3103, 0.3959

Achromatopsia

50.8881, 0.3127, 0.3290

Achromatomaly

52.1592, 0.3116, 0.3523

CSS Examples

Text

The CSS property to change the color of the text to Yxy 55.5777, 0.3103, 0.3959 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(160, 209, 159)` looks like.

```
.text, #text, p{  
    color:rgb(160, 209, 159)  
}
```

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(160, 209, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(160, 209, 159) }
```

Border

The CSS property to change the border of an element to Yxy 55.5777, 0.3103, 0.3959 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(160, 209, 159) }
```

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

```
.border{ border-color:rgb(160, 209, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(160, 209, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(160, 209, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(160, 209, 159);  
box-shadow:4px 4px 4px 4px rgb(160, 209,  
159) }
```


Background

The CSS property to change the background color of an element to Yxy 55.5777, 0.3103, 0.3959 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(160, 209, 159) }
```

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

```
.background{ background-color: rgb(160,  
209, 159) }
```

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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