

Converting Colors

Yxy(56.9600, 0.3013, 0.4132)

Have a look what the booklet for
Yxy(56.9600, 0.3013, 0.4132)
contains.

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Color

Yxy(56.7736, 0.3014, 0.4127)

Conversions

Conversions Part 1

Format	Color
Hex	8FD79A
RGB	143, 215, 154
RGB Percent	56%, 84%, 60%
CMY	0.4391, 0.1569, 0.3962
CMYK	0.33, 0.00, 0.28, 0.16
HSL	129°, 47%, 70%
HSV	129°, 33%, 84%
XYZ	41.4625, 56.7736, 39.3302
YIQ	186.5180, -23.3310, -34.2350

Conversions

Conversions Part 2

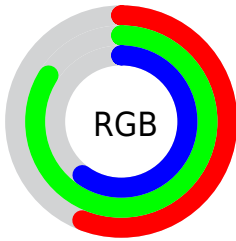
Format	Color
RYB	143, 205, 215
Decimal	9426842
CIELab	80.05, -34.81, 23.17
CIElCh	80, 41.818, 146.351
Yxy	56.7736, 0.3014, 0.4127
Android (android.graphics.Color)	4287616922 (0xFF8FD79A)
YUV	186.5180, -16.0314, -38.1653
Hunter-Lab	75.3483, -33.6349, 21.7957

Details

The Yxy color **56.7736, 0.3014, 0.4127** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **38.4643, 0.3267, 0.2577**, and the grayscale version is **49.5135, 0.3127, 0.3290**.

A 20% lighter version of the original color is **88.2656, 0.3043, 0.3793**, and **28.2746, 0.2976, 0.4385** is the 20% darker color. If you saturate the color by 10%, you get **54.4750, 0.2984, 0.4431**, and if you desaturate by 10%, it is **59.5370, 0.3047, 0.3845**.

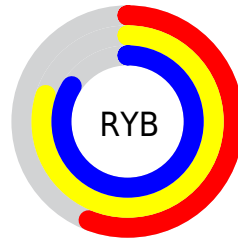
Distribution



Red (56%)

Green (84%)

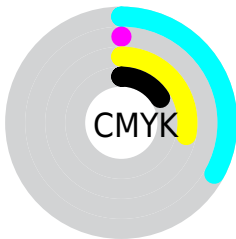
Blue (60%)



Red (56%)

Yellow (80%)

Blue (84%)

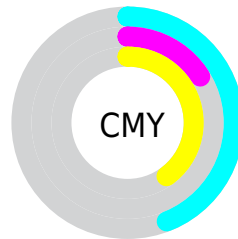


Cyan (33%)

Magenta (0%)

Yellow (28%)

Black (16%)



Cyan (44%)


Magenta (16%)

Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.7736, 0.3014, 0.4127 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 56.7736, 0.3014, 0.4127 by changing the saturation by 10% instead.


 56.7736, 0.3014,
0.4127


 56.7736, 0.3014,
0.4127


412.6004, 0.3080,
0.3702

 40.8235, 0.2995,
0.4235


 100.1348, 0.3040,
0.3971

 28.1812, 0.2969,
0.4374


 128.3146, 0.3049,
0.3913

 18.4623, 0.2931,
0.4560


161.3398, 0.3057,
0.3864

 11.2824, 0.2873,
0.4821

199.5948, 0.3063,
0.3822

 6.2571, 0.2776,
0.5209

243.4640, 0.3068,
0.3786

 3.0020, 0.2598,
0.5849

293.3317, 0.3073,

 1.1328, 0.1551,

0.3754

0.8449

349.5824, 0.3076,
0.3726

■ 0.0058, 0.0000,
1.0000

■ 0.0000, 0.0000,
0.0000

■ 56.7736, 0.3014,
0.4127

■ 56.7736, 0.3014,
0.4127

■ 54.4750, 0.2984,
0.4431

■ 59.5370, 0.3047,
0.3845

■ 52.6088, 0.2960,
0.4747

■ 62.7813, 0.3081,
0.3589

■ 51.1497, 0.2943,
0.5060

■ 66.5306, 0.3116,
0.3362

■ 50.0669, 0.2937,
0.5352

■ 70.8053, 0.3149,
0.3163

■ 49.3249, 0.2942,
0.5601

■ 75.6246, 0.3180,
0.2990

■ 48.8813, 0.2956,
0.5792

■ 77.0815, 0.3145,
0.2900

■ 48.7095, 0.2967,
0.5883

Harmonies

Analogous

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



56.7736, 0.3551, 0.4287



56.7736, 0.3014, 0.4127



56.7736, 0.2533, 0.3665

Triad

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



56.7736, 0.3014, 0.4127



56.7736, 0.2291, 0.2458



56.7736, 0.4116, 0.3339

Complementary

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



56.7736, 0.3014, 0.4127



38.4643, 0.3267, 0.2577

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.



56.7736, 0.3718, 0.2933



56.7736, 0.3014, 0.4127



56.7736, 0.2649, 0.2444

Square

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



56.7736, 0.3014, 0.4127



56.7736, 0.2144, 0.2681



56.7736, 0.3167, 0.2615



56.7736, 0.4214, 0.3766

Rectangle

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



56.7736, 0.3014, 0.4127



56.7736, 0.2304, 0.3292



56.7736, 0.3167, 0.2615



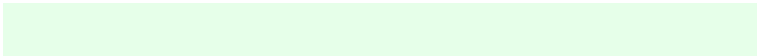
56.7736, 0.4011, 0.3198

Sweetspot

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



56.7760, 0.3014, 0.4127



94.1650, 0.3093, 0.3509



63.4521, 0.3542, 0.4146



19.9930, 0.3088, 0.3542



0.0000, 0.0000, 0.0000



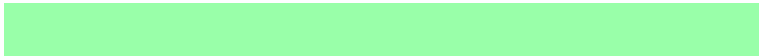
21.4041, 0.3127, 0.3290

Same Dimension

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



56.7760, 0.3014, 0.4127



81.1381, 0.2993, 0.4335



58.1534, 0.2798, 0.3623



13.9264, 0.3095, 0.3494



29.1436, 0.2963, 0.5865



1.7678, 0.2886, 0.5589

Inverse Universe

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



38.4643, 0.3267, 0.2577



50.3040, 0.3303, 0.2433



36.9370, 0.3630, 0.2984



12.5988, 0.3161, 0.3095



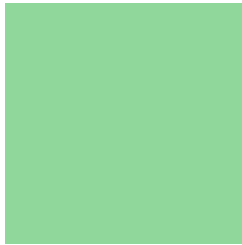
10.6819, 0.3632, 0.1774



0.6533, 0.3548, 0.1728

Previews

White Background



This preview shows how the Yxy color 56.7736, 0.3014, 0.4127 looks on a white background.

Color Contrast Check

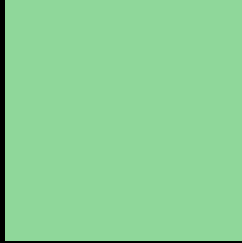
Large Text (above 18pt) WCAG AA × Fail

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 56.7736, 0.3014, 0.4127 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 56.7736, 0.3014, 0.4127

Background



This preview shows how black text looks on a background with the Yxy color 56.7736, 0.3014, 0.4127.

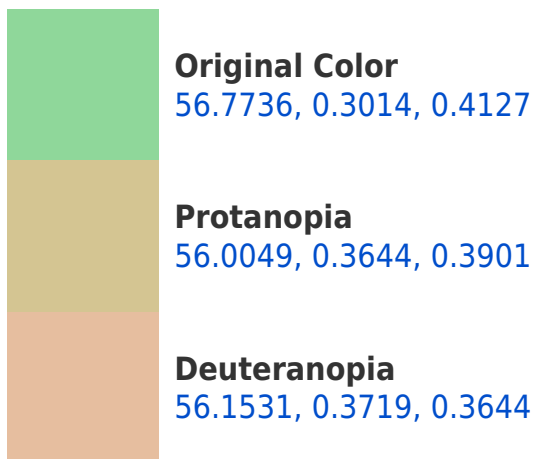


This preview shows how white text looks on a background with the Yxy color 56.7736, 0.3014, 0.4127.

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

56.5382, 0.2672, 0.3076

Trichromacy



Original Color

56.7736, 0.3014, 0.4127



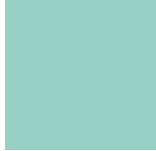
Protanomaly

55.9205, 0.3390, 0.3990



Deuteranomaly

55.2869, 0.3434, 0.3812



Tritanomaly

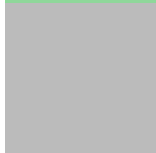
56.2575, 0.2792, 0.3433

Monochromacy



Original Color

56.7736, 0.3014, 0.4127



Achromatopsia

49.6933, 0.3127, 0.3290



Achromatomaly

51.6856, 0.3082, 0.3580

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.7736, 0.3014, 0.4127 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(143, 215, 154)` looks like.

```
.text, #text, p{  
    color:rgb(143, 215, 154)  
}
```

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(143, 215, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(143, 215, 154) }
```

Border

The CSS property to change the border of an element to Yxy 56.7736, 0.3014, 0.4127 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(143, 215, 154) }
```

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

```
.border{ border-color:rgb(143, 215, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(143, 215, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(143, 215, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(143, 215, 154);  
box-shadow:4px 4px 4px 4px rgb(143, 215,  
154) }
```


Background

The CSS property to change the background color of an element to Yxy 56.7736, 0.3014, 0.4127 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(143, 215, 154) }
```

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

```
.background{ background-color: rgb(143,  
215, 154) }
```

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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