

Converting Colors

$Y_{xy}(56.3220, 0.3068, 0.3743)$

Have a look what the booklet for
Yxy(56.3220, 0.3068, 0.3743)
contains.

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Color

Yxy(56.4537, 0.3069, 0.3746)

Conversions

Conversions Part 1

Format	Color
Hex	A8D0AD
RGB	168, 208, 173
RGB Percent	66%, 82%, 68%
CMY	0.3411, 0.1843, 0.3215
CMYK	0.19, 0.00, 0.17, 0.18
HSL	127°, 30%, 74%
HSV	127°, 19%, 82%
XYZ	46.2510, 56.4537, 47.9992
YIQ	192.0500, -12.6050, -19.3650

Conversions

Conversions Part 2

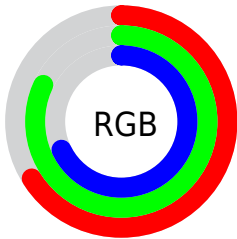
Format	Color
RYB	168, 204, 208
Decimal	11063469
CIELab	79.87, -19.96, 13.08
CIELCh	80, 23.867, 146.763
Yxy	56.4537, 0.3069, 0.3746
Android (android.graphics.Color)	4289253549 (0xFFA8D0AD)
YUV	192.0500, -9.3916, -21.0918
Hunter-Lab	75.1357, -21.6087, 14.7185

Details

The Yxy color **56.4537, 0.3069, 0.3746** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **45.7350, 0.3191, 0.2873**, and the grayscale version is **52.8080, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.9687, 0.3089, 0.3568**, and **27.8078, 0.3042, 0.3861** is the 20% darker color. If you saturate the color by 10%, you get **53.6950, 0.3039, 0.4026**, and if you desaturate by 10%, it is **59.6784, 0.3100, 0.3495**.

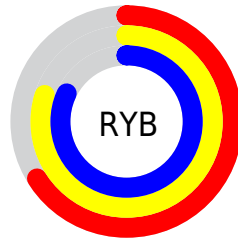
Distribution



Red (66%)

Green (82%)

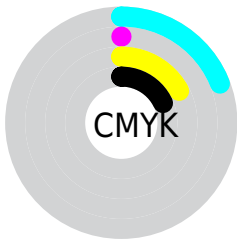
Blue (68%)



Red (66%)

Yellow (80%)

Blue (82%)

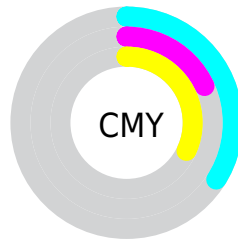


Cyan (19%)

Magenta (0%)

Yellow (17%)

Black (18%)



Cyan (34%)


Magenta (18%)

Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 56.4537, 0.3069, 0.3746 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 56.4537, 0.3069, 0.3746 by changing the saturation by 10% instead.


 56.4537, 0.3069,
0.3746

 56.4537, 0.3069,
0.3746


411.3991, 0.3101,
0.3519

 40.5668, 0.3060,
0.3803


 99.6676, 0.3081,
0.3663

 27.9807, 0.3049,
0.3875


 127.7634, 0.3085,
0.3632

 18.3111, 0.3033,
0.3971


160.6977, 0.3089,
0.3606

 11.1736, 0.3010,
0.4105

198.8547, 0.3092,
0.3584

 6.1837, 0.2972,
0.4304

242.6190, 0.3095,
0.3564

 2.9571, 0.2904,
0.4626

292.3749, 0.3097,

 1.1094, 0.2848,

0.3547

0.5730

348.5068, 0.3099,
0.3532

0.0000, 0.0000,
0.0000

56.4537, 0.3069,
0.3746

56.4537, 0.3069,
0.3746

53.6950, 0.3039,
0.4026

59.6784, 0.3100,
0.3495

51.3739, 0.3010,
0.4330

63.3816, 0.3129,
0.3274

49.4700, 0.2985,
0.4651

67.5845, 0.3158,
0.3081

47.9583, 0.2966,
0.4974

72.3047, 0.3184,
0.2914

46.8112, 0.2955,
0.5281

73.5914, 0.3149,
0.2831

■ 45.9976, 0.2954,
0.5550

■ 45.4808, 0.2961,
0.5761

■ 45.2028, 0.2975,
0.5904

■ 45.1858, 0.2976,
0.5912

Harmonies

Analogous

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



56.4537, 0.3381, 0.3849



56.4537, 0.3069, 0.3746



56.4537, 0.2783, 0.3499

Triad

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



56.4537, 0.3069, 0.3746



56.4537, 0.2635, 0.2800



56.4537, 0.3690, 0.3339

Complementary

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



56.4537, 0.3069, 0.3746



45.7350, 0.3191, 0.2873

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.



56.4537, 0.3471, 0.3086



56.4537, 0.3069, 0.3746



56.4537, 0.2857, 0.2783

Square

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



56.4537, 0.3069, 0.3746



56.4537, 0.2541, 0.2945



56.4537, 0.3162, 0.2887



56.4537, 0.3749, 0.3592

Rectangle

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



56.4537, 0.3069, 0.3746



56.4537, 0.2643, 0.3298



56.4537, 0.3162, 0.2887



56.4537, 0.3632, 0.3252

Sweetspot

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



56.4561, 0.3069, 0.3746



96.3802, 0.3109, 0.3422



60.6829, 0.3377, 0.3771



20.5487, 0.3107, 0.3437



0.0000, 0.0000, 0.0000



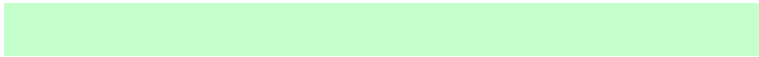
21.4041, 0.3127, 0.3290

Same Dimension

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



56.4561, 0.3069, 0.3746



87.6466, 0.3057, 0.3856



57.2742, 0.2939, 0.3485



13.2299, 0.3099, 0.3500



28.1703, 0.2972, 0.5898



1.5832, 0.2901, 0.5642

Inverse Universe

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



45.7350, 0.3191, 0.2873



67.6553, 0.3207, 0.2783



44.8561, 0.3362, 0.3103



11.9826, 0.3157, 0.3089



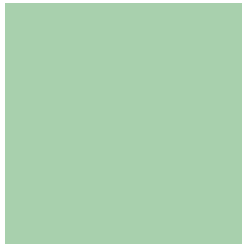
10.4735, 0.3549, 0.1729



0.5929, 0.3478, 0.1690

Previews

White Background



This preview shows how the Yxy color 56.4537, 0.3069, 0.3746 looks on a white background.

Color Contrast Check

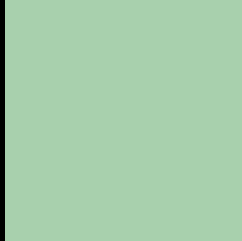
Large Text (above 18pt) WCAG AA × Fail

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 56.4537, 0.3069, 0.3746 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

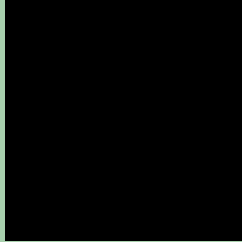
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 56.4537, 0.3069, 0.3746

Background



This preview shows how black text looks on a background with the Yxy color 56.4537, 0.3069, 0.3746.



This preview shows how white text looks on a background with the Yxy color 56.4537, 0.3069, 0.3746.

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

56.4537, 0.3069, 0.3746

Protanopia

56.1324, 0.3446, 0.3652

Deuteranopia

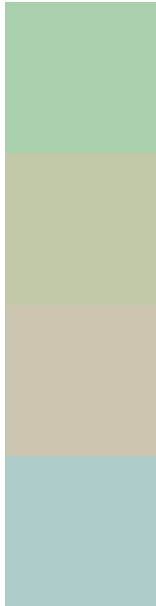
55.8485, 0.3517, 0.3441



Tritanopia

56.5331, 0.2828, 0.3094

Trichromacy



Original Color

56.4537, 0.3069, 0.3746

Protanomaly

55.9753, 0.3298, 0.3689

Deuteranomaly

55.9045, 0.3342, 0.3545

Tritanomaly

56.3342, 0.2912, 0.3314

Monochromacy



Original Color

56.4537, 0.3069, 0.3746

Achromatopsia

52.7115, 0.3127, 0.3290

Achromatomaly

53.9582, 0.3104, 0.3455

CSS Examples

Text

The CSS property to change the color of the text to Yxy 56.4537, 0.3069, 0.3746 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(168, 208, 173)` looks like.

```
.text, #text, p{  
    color:rgb(168, 208, 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(168, 208, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(168, 208, 173) }
```

Border

The CSS property to change the border of an element to Yxy 56.4537, 0.3069, 0.3746 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(168, 208, 173) }
```

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

```
.border{ border-color:rgb(168, 208, 173) }
```

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

Here you see how a box with a 4 pixel rgb(168, 208, 173) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(168, 208, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(168, 208, 173);  
box-shadow:4px 4px 4px 4px rgb(168, 208,  
173) }
```


Background

The CSS property to change the background color of an element to Yxy 56.4537, 0.3069, 0.3746 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(168, 208, 173) }
```

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

```
.background{ background-color: rgb(168,  
208, 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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