

Converting Colors

Yxy(61.0181, 0.3023, 0.3849)

Have a look what the booklet for
Yxy(61.0181, 0.3023, 0.3849)
contains.

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Color

Yxy(61.0245, 0.3018, 0.3844)

Conversions

Conversions Part 1

Format	Color
Hex	A3DAAF
RGB	163, 218, 175
RGB Percent	64%, 85%, 69%
CMY	0.3609, 0.1451, 0.3137
CMYK	0.25, 0.00, 0.20, 0.15
HSL	133°, 43%, 75%
HSV	133°, 25%, 85%
XYZ	47.9115, 61.0245, 49.8166
YIQ	196.6530, -18.9770, -25.0330

Conversions

Conversions Part 2

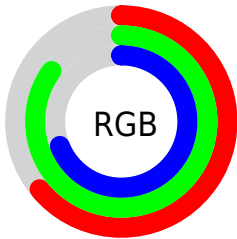
Format	Color
RYB	163, 208, 218
Decimal	10738351
CIELab	82.39, -26.18, 15.53
CIElCh	82, 30.436, 149.320
Yxy	61.0245, 0.3018, 0.3844
Android (android.graphics.Color)	4288928431 (0xFFA3DAAF)
YUV	196.6530, -10.6749, -29.5137
Hunter-Lab	78.1182, -27.2290, 16.8730

Details

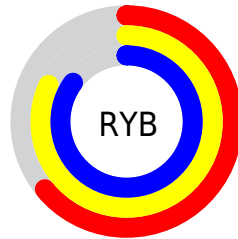
The Yxy color **61.0245, 0.3018, 0.3844** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **45.5500, 0.3259, 0.2793**, and the grayscale version is **55.6885, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.3496, 0.3042, 0.3538**, and **30.9145, 0.2988, 0.4009** is the 20% darker color. If you saturate the color by 10%, you get **58.2933, 0.2978, 0.4108**, and if you desaturate by 10%, it is **64.2420, 0.3061, 0.3605**.

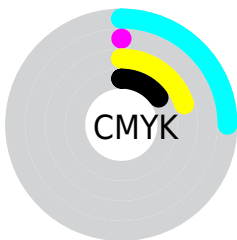
Distribution



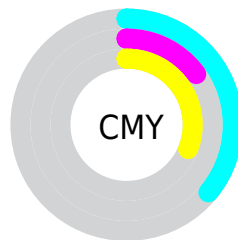
- Red (64%)
- Green (85%)
- Blue (69%)



- Red (64%)
- Yellow (82%)
- Blue (85%)



- Cyan (25%)
- Magenta (0%)
- Yellow (20%)
- Black (15%)




- Cyan (36%)
- Magenta (15%)
- Yellow (31%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 61.0245, 0.3018, 0.3844 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 61.0245, 0.3018, 0.3844 by changing the saturation by 10% instead.


 61.0245, 0.3018,
0.3844


 61.0245, 0.3018,
0.3844


428.3638, 0.3075,
0.3570

 44.2449, 0.3003,
0.3912


 106.3144, 0.3039,
0.3745

 30.8631, 0.2984,
0.3998


 135.5935, 0.3047,
0.3707

 20.4946, 0.2957,
0.4112

169.8080, 0.3054,
0.3676

 12.7551, 0.2919,
0.4269

209.3422, 0.3059,
0.3649

 7.2601, 0.2860,
0.4499

254.5804, 0.3064,
0.3625

 3.6253, 0.2759,
0.4866

305.9072, 0.3068,

 1.4663, 0.2619,

0.3604

363.7069, 0.3072,
0.3586

0.5775

0.2648, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

61.0245, 0.3018,
0.3844

61.0245, 0.3018,
0.3844

58.2933, 0.2978,
0.4108

64.2420, 0.3061,
0.3605

56.0171, 0.2943,
0.4391

67.9598, 0.3104,
0.3392

54.1730, 0.2915,
0.4687

72.2011, 0.3147,
0.3204

52.7331, 0.2899,
0.4982

76.9852, 0.3189,
0.3040

■ 51.6659, 0.2895,
0.5261

■ 78.6267, 0.3144,
0.2930

■ 50.9351, 0.2905,
0.5507

■ 50.4970, 0.2928,
0.5706

■ 50.3573, 0.2940,
0.5782

Harmonies

Analogous

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



61.0245, 0.3405, 0.3988



61.0245, 0.3018, 0.3844



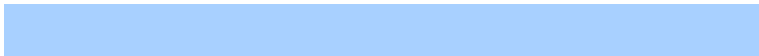
61.0245, 0.2675, 0.3519

Triad

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



61.0245, 0.3018, 0.3844



61.0245, 0.2539, 0.2678



61.0245, 0.3844, 0.3371

Complementary

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



61.0245, 0.3018, 0.3844



45.5500, 0.3259, 0.2793

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.



61.0245, 0.3583, 0.3062



61.0245, 0.3018, 0.3844



61.0245, 0.2820, 0.2675

Square

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



61.0245, 0.3018, 0.3844



61.0245, 0.2411, 0.2837



61.0245, 0.3201, 0.2814



61.0245, 0.3896, 0.3680

Rectangle

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



61.0245, 0.3018, 0.3844



61.0245, 0.2513, 0.3263



61.0245, 0.3201, 0.2814



61.0245, 0.3777, 0.3265

Sweetspot

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



61.0271, 0.3018, 0.3844



95.3497, 0.3092, 0.3449



65.9245, 0.3414, 0.3937



20.2332, 0.3086, 0.3481



0.0000, 0.0000, 0.0000



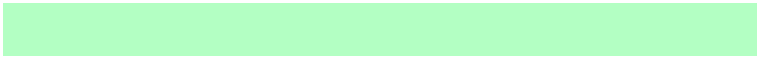
21.4041, 0.3127, 0.3290

Same Dimension

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



61.0271, 0.3018, 0.3844



84.9945, 0.2997, 0.3974



62.2155, 0.2850, 0.3484



14.6526, 0.3086, 0.3478



30.1801, 0.2934, 0.5761



1.9682, 0.2848, 0.5452

Inverse Universe

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



45.5500, 0.3259, 0.2793



59.4894, 0.3291, 0.2692



44.3323, 0.3509, 0.3105



13.2236, 0.3171, 0.3109



10.6930, 0.3850, 0.1894



0.7051, 0.3725, 0.1826

Previews

White Background



This preview shows how the Yxy color 61.0245, 0.3018, 0.3844 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 61.0245, 0.3018, 0.3844 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

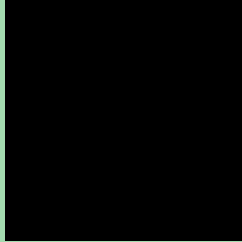
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 61.0245, 0.3018, 0.3844

Background



This preview shows how black text looks on a background with the Yxy color 61.0245, 0.3018, 0.3844.

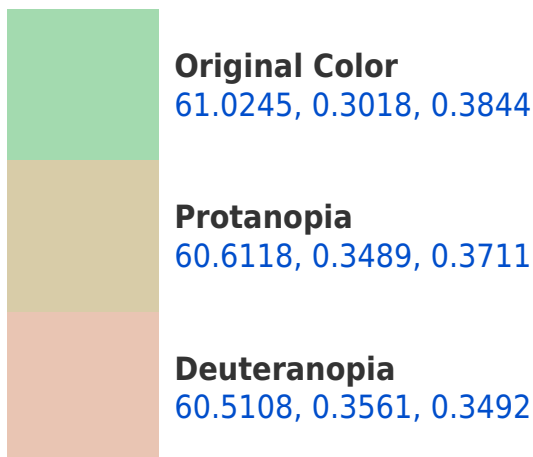


This preview shows how white text looks on a background with the Yxy color 61.0245, 0.3018, 0.3844.

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

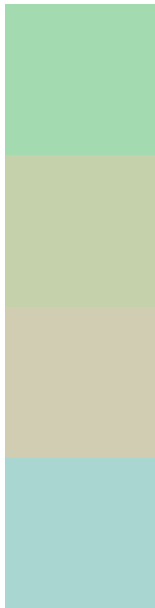




Tritanopia

61.0742, 0.2755, 0.3086

Trichromacy



Original Color

61.0245, 0.3018, 0.3844

Protanomaly

60.4115, 0.3303, 0.3753

Deuteranomaly

60.2869, 0.3347, 0.3610

Tritanomaly

61.1316, 0.2846, 0.3351

Monochromacy



Original Color

61.0245, 0.3018, 0.3844

Achromatopsia

55.8340, 0.3127, 0.3290

Achromatomaly

57.6511, 0.3088, 0.3489

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.0245, 0.3018, 0.3844 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(163, 218, 175)` looks like.

```
.text, #text, p{  
    color:rgb(163, 218, 175)  
}
```

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(163, 218, 175) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(163, 218, 175) }
```

Border

The CSS property to change the border of an element to Yxy 61.0245, 0.3018, 0.3844 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(163, 218, 175) }
```

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

```
.border{ border-color:rgb(163, 218, 175) }
```

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

Here you see how a box with a 4 pixel rgb(163, 218, 175) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(163, 218, 175); -webkit-box-  
shadow:4px 4px 4px 4px rgb(163, 218, 175);  
box-shadow:4px 4px 4px 4px rgb(163, 218,  
175) }
```


Background

The CSS property to change the background color of an element to Yxy 61.0245, 0.3018, 0.3844 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(163, 218, 175) }
```

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

```
.background{ background-color: rgb(163,  
218, 175) }
```

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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