

Converting Colors

Yxy(61.9652, 0.3021, 0.3896)

Have a look what the booklet for
Yxy(61.9652, 0.3021, 0.3896)
contains.

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Color

Yxy(61.8849, 0.3024, 0.3895)

Conversions

Conversions Part 1

Format	Color
Hex	A2DCAD
RGB	162, 220, 173
RGB Percent	64%, 86%, 68%
CMY	0.3645, 0.1373, 0.3215
CMYK	0.26, 0.00, 0.21, 0.14
HSL	131°, 45%, 75%
HSV	131°, 26%, 86%
XYZ	48.0462, 61.8849, 48.9518
YIQ	197.3000, -19.4810, -26.9130

Conversions

Conversions Part 2

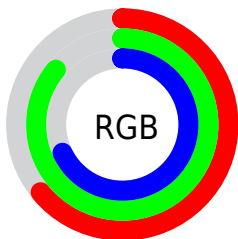
Format	Color
RYB	162, 211, 220
Decimal	10673325
CIELab	82.85, -27.79, 17.22
CIELCh	83, 32.690, 148.212
Yxy	61.8849, 0.3024, 0.3895
Android (android.graphics.Color)	4288863405 (0xFFA2DCAD)
YUV	197.3000, -11.9799, -30.9581
Hunter-Lab	78.6670, -28.6475, 18.1727

Details

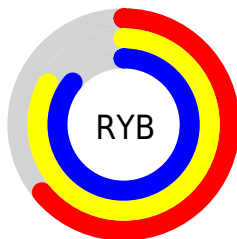
The Yxy color **61.8849, 0.3024, 0.3895** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **45.6828, 0.3251, 0.2753**, and the grayscale version is **56.1170, 0.3127, 0.3290**.

A 20% lighter version of the original color is **92.0826, 0.3047, 0.3560**, and **31.5420, 0.2987, 0.4059** is the 20% darker color. If you saturate the color by 10%, you get **59.1352, 0.2987, 0.4172**, and if you desaturate by 10%, it is **65.1351, 0.3063, 0.3643**.

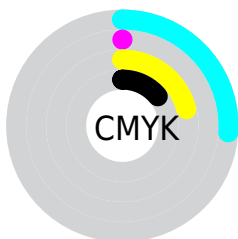
Distribution



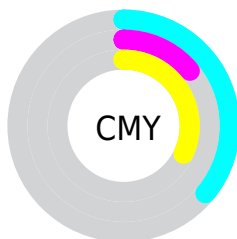
- Red (64%)
- Green (86%)
- Blue (68%)



- Red (64%)
- Yellow (83%)
- Blue (86%)



- Cyan (26%)
- Magenta (0%)
- Yellow (21%)
- Black (14%)





- Cyan (36%)
- Magenta (14%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 61.8849, 0.3024, 0.3895 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 61.8849, 0.3024, 0.3895 by changing the saturation by 10% instead.


 61.8849, 0.3024,
0.3895

 61.8849, 0.3024,
0.3895


431.5111, 0.3079,
0.3595

 44.9397, 0.3009,
0.3969


 107.5592, 0.3045,
0.3787

 31.4099, 0.2990,
0.4063


 137.0570, 0.3052,
0.3746

 20.9112, 0.2963,
0.4187


171.5079, 0.3059,
0.3711

 13.0591, 0.2925,
0.4359

211.2961, 0.3064,
0.3682

 7.4693, 0.2865,
0.4609

256.8062, 0.3069,
0.3656

 3.7573, 0.2760,
0.5005

308.4225, 0.3072,

 1.5387, 0.2635,

0.3633

366.5293, 0.3076,
0.3613

0.6015

0.3158, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

61.8849, 0.3024,
0.3895

61.8849, 0.3024,
0.3895

59.1352, 0.2987,
0.4172

65.1351, 0.3063,
0.3643

56.8536, 0.2956,
0.4468

68.9009, 0.3102,
0.3418

55.0159, 0.2931,
0.4774

73.2063, 0.3141,
0.3220

53.5927, 0.2917,
0.5075

78.0716, 0.3179,
0.3048

■ 52.5508, 0.2915,
0.5355

■ 79.6620, 0.3143,
0.2950

■ 51.8519, 0.2925,
0.5594

■ 51.4485, 0.2946,
0.5779

■ 51.3461, 0.2953,
0.5832

Harmonies

Analogous

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



61.8849, 0.3437, 0.4040



61.8849, 0.3024, 0.3895



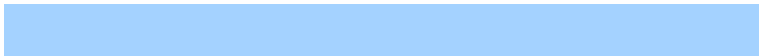
61.8849, 0.2655, 0.3549

Triad

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



61.8849, 0.3024, 0.3895



61.8849, 0.2492, 0.2641



61.8849, 0.3887, 0.3361

Complementary

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



61.8849, 0.3024, 0.3895



45.6828, 0.3251, 0.2753

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.



61.8849, 0.3601, 0.3035



61.8849, 0.3024, 0.3895



61.8849, 0.2785, 0.2634

Square

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



61.8849, 0.3024, 0.3895



61.8849, 0.2364, 0.2815



61.8849, 0.3189, 0.2776



61.8849, 0.3952, 0.3692

Rectangle

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



61.8849, 0.3024, 0.3895



61.8849, 0.2480, 0.3274



61.8849, 0.3189, 0.2776



61.8849, 0.3813, 0.3249

Sweetspot

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



61.8875, 0.3024, 0.3895



95.3140, 0.3096, 0.3455



67.4024, 0.3441, 0.3964



20.2242, 0.3090, 0.3488



0.0000, 0.0000, 0.0000



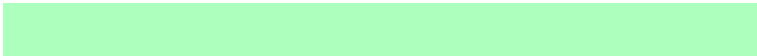
21.4041, 0.3127, 0.3290

Same Dimension

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



61.8875, 0.3024, 0.3895



84.1162, 0.3002, 0.4057



63.1176, 0.2850, 0.3519



14.6463, 0.3090, 0.3485



30.1493, 0.2948, 0.5812



1.9652, 0.2867, 0.5520

Inverse Universe

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



45.6828, 0.3251, 0.2753



57.5671, 0.3285, 0.2630



44.3891, 0.3513, 0.3074



13.2304, 0.3166, 0.3102



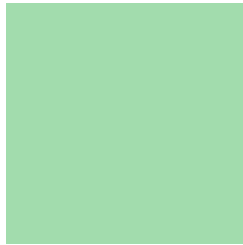
10.8421, 0.3751, 0.1840



0.7135, 0.3647, 0.1782

Previews

White Background



This preview shows how the Yxy color 61.8849, 0.3024, 0.3895 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 61.8849, 0.3024, 0.3895 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

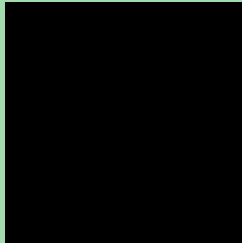
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 61.8849, 0.3024, 0.3895

Background



This preview shows how black text looks on a background with the Yxy color 61.8849, 0.3024, 0.3895.

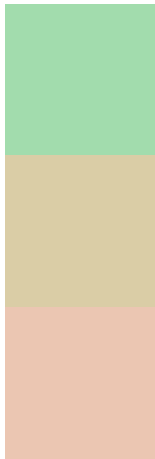


This preview shows how white text looks on a background with the Yxy color 61.8849, 0.3024, 0.3895.

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

61.8849, 0.3024, 0.3895

Protanopia

61.3212, 0.3518, 0.3743

Deuteranopia

61.2647, 0.3583, 0.3513



Tritanopia

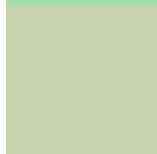
61.5148, 0.2744, 0.3086

Trichromacy



Original Color

61.8849, 0.3024, 0.3895



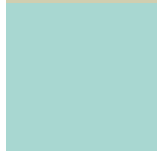
Protanomaly

60.9635, 0.3324, 0.3788



Deuteranomaly

60.6871, 0.3360, 0.3646



Tritanomaly

61.5292, 0.2840, 0.3363

Monochromacy



Original Color

61.8849, 0.3024, 0.3895



Achromatopsia

55.8340, 0.3127, 0.3290



Achromatomaly

57.4838, 0.3087, 0.3502

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.8849, 0.3024, 0.3895 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(162, 220, 173)` looks like.

```
.text, #text, p{  
    color:rgb(162, 220, 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(162, 220, 173) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 220, 173) }
```

Border

The CSS property to change the border of an element to Yxy 61.8849, 0.3024, 0.3895 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(162, 220, 173) }
```

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

```
.border{ border-color:rgb(162, 220, 173) }
```

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

Here you see how a box with a 4 pixel rgb(162, 220, 173) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 220, 173); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 220, 173);  
box-shadow:4px 4px 4px 4px rgb(162, 220,  
173) }
```


Background

The CSS property to change the background color of an element to Yxy 61.8849, 0.3024, 0.3895 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 220, 173) }
```

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

```
.background{ background-color: rgb(162,  
220, 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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