

Converting Colors

$Yxy(68.7321, 0.3062, 0.3924)$

Have a look what the booklet for
Yxy(68.7321, 0.3062, 0.3924)
contains.

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Color

Yxy(68.6922, 0.3064, 0.3929)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | ADE6B2 |
| RGB | 173, 230, 178 |
| RGB Percent | 68%, 90%, 70% |
| CMY | 0.3216, 0.0980, 0.3018 |
| CMYK | 0.25, 0.00, 0.23, 0.10 |
| HSL | 125°, 53%, 79% |
| HSV | 125°, 25%, 90% |
| XYZ | 53.5691, 68.6922, 52.5725 |
| YIQ | 207.0290, -17.2800, -28.2560 |

Conversions

Conversions Part 2

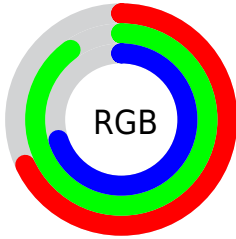
| Format | Color |
|-------------------------------------|---------------------------------|
| RYB | 173, 225, 230 |
| Decimal | 11396786 |
| CIELab | 86.35, -28.16, 19.57 |
| CIELCh | 86, 34.289, 145.207 |
| Yxy | 68.6922, 0.3064, 0.3929 |
| Android (android.graphics.Color) | 4289586866 (0xFFADE6B2) |
| YUV | 207.0290, -14.3113, -29.8434 |
| Hunter-Lab | 82.8808, -29.6698, 20.4080 |

Details

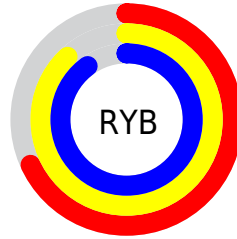
The Yxy color **68.6922, 0.3064, 0.3929** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **52.1459, 0.3196, 0.2725**, and the grayscale version is **62.5220, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.1185, 0.3086, 0.3503**, and **35.6747, 0.3039, 0.4100** is the 20% darker color. If you saturate the color by 10%, you get **65.5156, 0.3038, 0.4238**, and if you desaturate by 10%, it is **72.4547, 0.3090, 0.3648**.

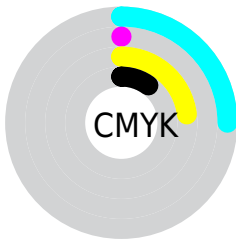
Distribution



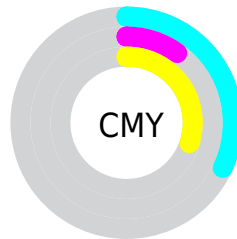
- Red (68%)
- Green (90%)
- Blue (70%)



- Red (68%)
- Yellow (88%)
- Blue (90%)



- Cyan (25%)
- Magenta (0%)
- Yellow (23%)
- Black (10%)





- Cyan (32%)
- Magenta (10%)
- Yellow (30%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 68.6922, 0.3064, 0.3929 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 68.6922, 0.3064, 0.3929 by changing the saturation by 10% instead.

 68.6922, 0.3064,
0.3929

 68.6922, 0.3064,
0.3929


455.9446, 0.3100,
0.3618

 50.4611, 0.3054,
0.4004


 117.3418, 0.3078,
0.3818

 35.7799, 0.3040,
0.4099


148.5291, 0.3083,
0.3776

 24.2643, 0.3022,
0.4223


184.8040, 0.3087,
0.3739

 15.5298, 0.2994,
0.4390

226.5507, 0.3090,
0.3708

 9.1920, 0.2950,
0.4629

274.1537, 0.3093,
0.3681

 4.8666, 0.2872,
0.4995


327.9975, 0.3096,

 2.1692, 0.2743,

0.3658

0.5678


388.4663, 0.3098,
0.3637

 0.7031, 0.0000,
1.0000

 0.0000, 0.0000,
0.0000


 68.6922, 0.3064,
0.3929

 68.6922, 0.3064,
0.3929


 65.5156, 0.3038,
0.4238


 72.4547, 0.3090,
0.3648


 62.8873, 0.3015,
0.4568

 76.8212, 0.3115,
0.3398

 60.7787, 0.2995,
0.4905

 81.8201, 0.3140,
0.3180

 59.1552, 0.2980,
0.5228

 85.0749, 0.3138,
0.3048

■ 57.9780, 0.2973,
0.5516

■ 57.2021, 0.2974,
0.5745

■ 56.7733, 0.2982,
0.5900

■ 56.6465, 0.2986,
0.5951

Harmonies

Analogous

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



68.6922, 0.3480, 0.4051



68.6922, 0.3064, 0.3929



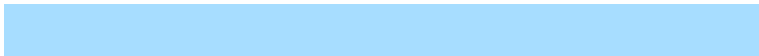
68.6922, 0.2682, 0.3593

Triad

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



68.6922, 0.3064, 0.3929



68.6922, 0.2463, 0.2643



68.6922, 0.3877, 0.3327

Complementary

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



68.6922, 0.3064, 0.3929



52.1459, 0.3196, 0.2725

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.



68.6922, 0.3568, 0.3002



68.6922, 0.3064, 0.3929



68.6922, 0.2745, 0.2619

Square

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



68.6922, 0.3064, 0.3929



68.6922, 0.2352, 0.2835



68.6922, 0.3146, 0.2750



68.6922, 0.3967, 0.3664

Rectangle

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



68.6922, 0.3064, 0.3929



68.6922, 0.2494, 0.3315



68.6922, 0.3146, 0.2750



68.6922, 0.3795, 0.3214

Sweetspot

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



68.6951, 0.3064, 0.3929



95.7662, 0.3110, 0.3452



75.6602, 0.3466, 0.3915



20.4237, 0.3108, 0.3467



0.0000, 0.0000, 0.0000



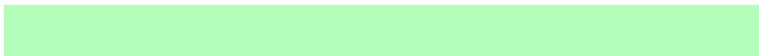
21.4041, 0.3127, 0.3290

Same Dimension

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



68.6951, 0.3064, 0.3929



84.5578, 0.3050, 0.4092



69.9478, 0.2897, 0.3574



16.1097, 0.3104, 0.3511



32.0768, 0.2983, 0.5939



2.3775, 0.2940, 0.5784

Inverse Universe

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



52.1459, 0.3196, 0.2725



60.0927, 0.3214, 0.2601



50.7312, 0.3435, 0.3024



14.5921, 0.3151, 0.3079



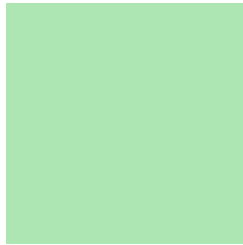
12.1592, 0.3444, 0.1671



0.9050, 0.3406, 0.1650

Previews

White Background



This preview shows how the Yxy color 68.6922, 0.3064, 0.3929 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 68.6922, 0.3064, 0.3929 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 68.6922, 0.3064, 0.3929

Background



This preview shows how black text looks on a background with the Yxy color 68.6922, 0.3064, 0.3929.

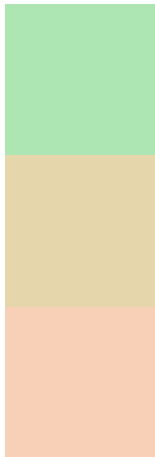


This preview shows how white text looks on a background with the Yxy color 68.6922, 0.3064, 0.3929.

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

68.6922, 0.3064, 0.3929

Protanopia

68.1992, 0.3544, 0.3779

Deuteranopia

68.0010, 0.3627, 0.3545



Tritanopia

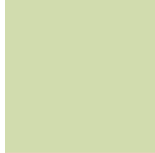
68.6649, 0.2771, 0.3096

Trichromacy



Original Color

68.6922, 0.3064, 0.3929



Protanomaly

67.7977, 0.3357, 0.3823



Deuteranomaly

67.3092, 0.3410, 0.3674



Tritanomaly

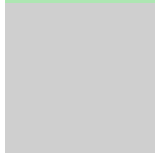
68.5635, 0.2876, 0.3383

Monochromacy



Original Color

68.6922, 0.3064, 0.3929



Achromatopsia

62.3960, 0.3127, 0.3290



Achromatomaly

64.1885, 0.3109, 0.3516

CSS Examples

Text

The CSS property to change the color of the text to Yxy 68.6922, 0.3064, 0.3929 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(173, 230, 178)` looks like.

```
.text, #text, p{  
    color:rgb(173, 230, 178)  
}
```

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(173, 230, 178) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 230, 178) }
```

Border

The CSS property to change the border of an element to Yxy 68.6922, 0.3064, 0.3929 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(173, 230, 178) }
```

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

```
.border{ border-color:rgb(173, 230, 178) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 230, 178)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 230, 178); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 230, 178);  
box-shadow:4px 4px 4px 4px rgb(173, 230,  
178) }
```


Background

The CSS property to change the background color of an element to Yxy 68.6922, 0.3064, 0.3929 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 230, 178) }
```

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

```
.background{ background-color: rgb(173,  
230, 178) }
```

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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