

Converting Colors

Yxy(64.8886, 0.3095, 0.3912)

Have a look what the booklet for
Yxy(64.8886, 0.3095, 0.3912)
contains.

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Color

Yxy(64.7156, 0.3092, 0.3903)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | ADDFAE |
| RGB | 173, 223, 174 |
| RGB Percent | 68%, 87%, 68% |
| CMY | 0.3214, 0.1255, 0.3177 |
| CMYK | 0.22, 0.00, 0.22, 0.13 |
| HSL | 121°, 44%, 78% |
| HSV | 121°, 22%, 87% |
| XYZ | 51.2684, 64.7156, 49.8259 |
| YIQ | 202.4640, -14.0710, -25.8390 |

Conversions

Conversions Part 2

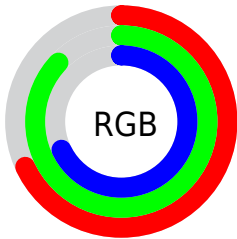
| Format | Color |
|-------------------------------------|---------------------------------|
| RYB | 173, 222, 223 |
| Decimal | 11394990 |
| CIELab | 84.34, -25.47, 18.87 |
| CIELCh | 84, 31.705, 143.466 |
| Yxy | 64.7156, 0.3092, 0.3903 |
| Android (android.graphics.Color) | 4289585070 (0xFFADDFAE) |
| YUV | 202.4640, -14.0328, -25.8399 |
| Hunter-Lab | 80.4460, -27.0221, 19.5897 |

Details

The Yxy color **64.7156, 0.3092, 0.3903** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **50.8715, 0.3161, 0.2745**, and the grayscale version is **59.4703, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.8912, 0.3109, 0.3545**, and **33.3788, 0.3081, 0.4081** is the 20% darker color. If you saturate the color by 10%, you get **61.5988, 0.3074, 0.4229**, and if you desaturate by 10%, it is **68.4012, 0.3109, 0.3608**.

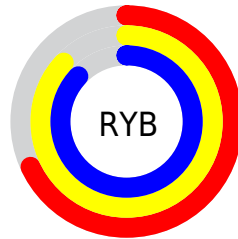
Distribution



Red (68%)

Green (87%)

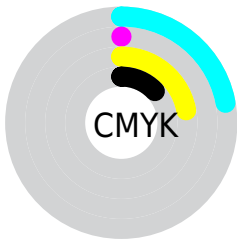
Blue (68%)



Red (68%)

Yellow (87%)

Blue (87%)

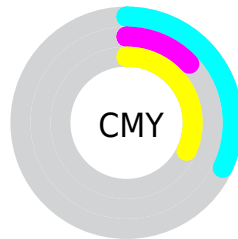


Cyan (22%)

Magenta (0%)

Yellow (22%)

Black (13%)



Cyan (32%)


Magenta (13%)


Yellow (32%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 64.7156, 0.3092, 0.3903 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 64.7156, 0.3092, 0.3903 by changing the saturation by 10% instead.


 64.7156, 0.3092,
0.3903

 64.7156, 0.3092,
0.3903


441.7693, 0.3114,
0.3602

 47.2305, 0.3085,
0.3976

 111.6409, 0.3101,
0.3795

 33.2179, 0.3075,
0.4069


141.8499, 0.3104,
0.3754

 22.2934, 0.3061,
0.4191


177.0689, 0.3107,
0.3719

 14.0727, 0.3040,
0.4358

217.6824, 0.3109,
0.3689

 8.1712, 0.3004,
0.4597

264.0749, 0.3111,
0.3663

 4.2047, 0.2937,
0.4970

316.6305, 0.3112,

 1.7887, 0.2877,

0.3640

0.5798

375.7339, 0.3113,
0.3620

0.4801, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

64.7156, 0.3092,
0.3903

64.7156, 0.3092,
0.3903

61.5988, 0.3074,
0.4229

68.4012, 0.3109,
0.3608

59.0148, 0.3056,
0.4577

72.6733, 0.3124,
0.3347

56.9363, 0.3038,
0.4932

77.5588, 0.3137,
0.3120

55.3301, 0.3023,
0.5271

81.2527, 0.3142,
0.2980

■ 54.1592, 0.3010,
0.5567

■ 53.3812, 0.3002,
0.5793

■ 52.9449, 0.2999,
0.5935

■ 52.7818, 0.2997,
0.5991

Harmonies

Analogous

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



64.7156, 0.3483, 0.4006



64.7156, 0.3092, 0.3903



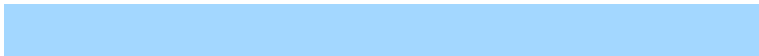
64.7156, 0.2725, 0.3598

Triad

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



64.7156, 0.3092, 0.3903



64.7156, 0.2488, 0.2684



64.7156, 0.3822, 0.3308

Complementary

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



64.7156, 0.3092, 0.3903



50.8715, 0.3161, 0.2745

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.



64.7156, 0.3522, 0.3001



64.7156, 0.3092, 0.3903



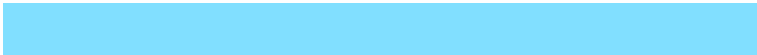
64.7156, 0.2747, 0.2651

Square

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



64.7156, 0.3092, 0.3903



64.7156, 0.2392, 0.2877



64.7156, 0.3123, 0.2767



64.7156, 0.3921, 0.3629

Rectangle

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



64.7156, 0.3092, 0.3903



64.7156, 0.2542, 0.3338



64.7156, 0.3123, 0.2767



64.7156, 0.3741, 0.3201

Sweetspot

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



64.7183, 0.3092, 0.3903



95.6931, 0.3117, 0.3465



71.3471, 0.3458, 0.3848



20.4069, 0.3116, 0.3480



0.0000, 0.0000, 0.0000



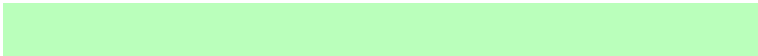
21.4041, 0.3127, 0.3290

Same Dimension

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



64.7183, 0.3092, 0.3903



85.5846, 0.3084, 0.4056



65.7797, 0.2939, 0.3585



15.3414, 0.3113, 0.3528



31.0383, 0.2997, 0.5987



2.1529, 0.2986, 0.5951

Inverse Universe

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



50.8715, 0.3161, 0.2745



63.5783, 0.3168, 0.2627



49.6343, 0.3369, 0.3013



13.9310, 0.3141, 0.3063



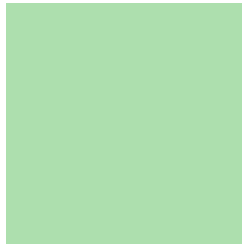
12.2281, 0.3256, 0.1567



0.8490, 0.3248, 0.1563

Previews

White Background



This preview shows how the Yxy color 64.7156, 0.3092, 0.3903 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 64.7156, 0.3092, 0.3903 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

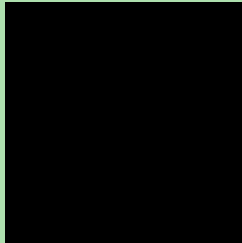
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 64.7156, 0.3092, 0.3903

Background



This preview shows how black text looks on a background with the Yxy color 64.7156, 0.3092, 0.3903.

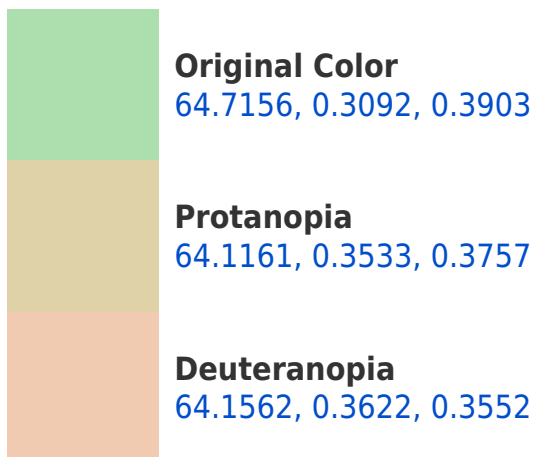


This preview shows how white text looks on a background with the Yxy color 64.7156, 0.3092, 0.3903.

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

64.4944, 0.2799, 0.3092

Trichromacy



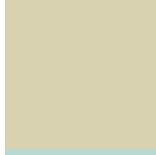
Original Color

64.7156, 0.3092, 0.3903



Protanomaly

63.9745, 0.3365, 0.3811



Deuteranomaly

63.8664, 0.3409, 0.3671



Tritanomaly

64.4297, 0.2902, 0.3373

Monochromacy



Original Color

64.7156, 0.3092, 0.3903



Achromatopsia

59.0619, 0.3127, 0.3290



Achromatomaly

60.9753, 0.3109, 0.3508

CSS Examples

Text

The CSS property to change the color of the text to Yxy 64.7156, 0.3092, 0.3903 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, 223, 174)` looks like.

```
.text, #text, p{  
  color:rgb(173, 223, 174)  
}
```

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, 223, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 223, 174) }
```

Border

The CSS property to change the border of an element to Yxy 64.7156, 0.3092, 0.3903 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, 223, 174) }
```

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

```
.border{ border-color:rgb(173, 223, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 223, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(173, 223, 174); -webkit-box-shadow:4px 4px 4px 4px rgb(173, 223, 174); box-shadow:4px 4px 4px 4px rgb(173, 223, 174) }
```


Background

The CSS property to change the background color of an element to Yxy 64.7156, 0.3092, 0.3903 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 223, 174) }
```

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

```
.background{ background-color: rgb(173,  
223, 174) }
```

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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