

Converting Colors

$Yxy(62.2969, 0.3103, 0.4094)$

Have a look what the booklet for
Yxy(62.2969, 0.3103, 0.4094)
contains.

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Color

Yxy(62.4620, 0.3103, 0.4092)

Conversions

Conversions Part 1

Format	Color
Hex	A2DEA0
RGB	162, 222, 160
RGB Percent	64%, 87%, 63%
CMY	0.3647, 0.1294, 0.3725
CMYK	0.27, 0.00, 0.28, 0.13
HSL	118°, 48%, 75%
HSV	118°, 28%, 87%
XYZ	47.3655, 62.4620, 42.8167
YIQ	196.9920, -15.8580, -32.0020

Conversions

Conversions Part 2

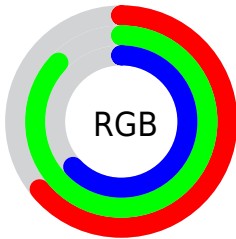
Format	Color
RYB	160, 222, 220
Decimal	10673824
CIELab	83.16, -31.00, 24.44
CIELCh	83, 39.472, 141.749
Yxy	62.4620, 0.3103, 0.4092
Android (android.graphics.Color)	4288863904 (0xFFA2DEA0)
YUV	196.9920, -18.2371, -30.6880
Hunter-Lab	79.0329, -31.3301, 23.2022

Details

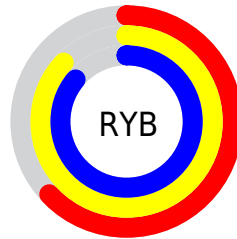
The Yxy color **62.4620, 0.3103, 0.4092** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **45.6334, 0.3142, 0.2594**, and the grayscale version is **55.9496, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.3317, 0.3126, 0.3711**, and **31.9714, 0.3087, 0.4323** is the 20% darker color. If you saturate the color by 10%, you get **59.6946, 0.3091, 0.4435**, and if you desaturate by 10%, it is **65.7579, 0.3113, 0.3775**.

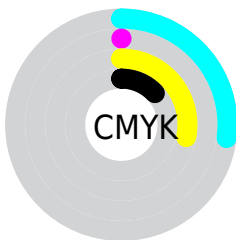
Distribution



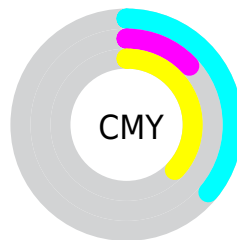
- Red (64%)
- Green (87%)
- Blue (63%)



- Red (63%)
- Yellow (87%)
- Blue (86%)



- Cyan (27%)
- Magenta (0%)
- Yellow (28%)
- Black (13%)





- Cyan (36%)
- Magenta (13%)
- Yellow (37%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 62.4620, 0.3103, 0.4092 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 62.4620, 0.3103, 0.4092 by changing the saturation by 10% instead.

 62.4620, 0.3103,
0.4092

 62.4620, 0.3103,
0.4092


433.6143, 0.3124,
0.3693

 45.4061, 0.3095,
0.4191


 108.3930, 0.3113,
0.3948

 31.7774, 0.3083,
0.4317


 138.0368, 0.3116,
0.3893

 21.1916, 0.3065,
0.4482


172.6455, 0.3118,
0.3847

 13.2641, 0.3035,
0.4710

212.6033, 0.3120,
0.3807

 7.6107, 0.2981,
0.5041

258.2947, 0.3122,
0.3773

 3.8468, 0.2873,
0.5556


310.1041, 0.3123,

 1.5883, 0.2833,


0.3743


0.7167


368.4158, 0.3124,
0.3716


 0.3497, 0.0000,
1.0000

 0.0000, 0.0000,
0.0000


 62.4620, 0.3103,
0.4092


 62.4620, 0.3103,
0.4092


 59.6946, 0.3091,
0.4435

 65.7579, 0.3113,
0.3775


 57.4209, 0.3076,
0.4792

 69.5993, 0.3122,
0.3491

 55.6140, 0.3061,
0.5142

 74.0122, 0.3128,
0.3241

 54.2417, 0.3044,
0.5459

 79.0187, 0.3134,
0.3024

■ 53.2674, 0.3029,
0.5716

■ 80.7259, 0.3142,
0.2970

■ 52.6486, 0.3016,
0.5892

■ 52.3311, 0.3006,
0.5983

■ 52.2919, 0.3005,
0.5996

Harmonies

Analogous

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



62.4620, 0.3591, 0.4195



62.4620, 0.3103, 0.4092



62.4620, 0.2643, 0.3708

Triad

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



62.4620, 0.3103, 0.4092



62.4620, 0.2322, 0.2543



62.4620, 0.3990, 0.3280

Complementary

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



62.4620, 0.3103, 0.4092



45.6334, 0.3142, 0.2594

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.



62.4620, 0.3596, 0.2910



62.4620, 0.3103, 0.4092



62.4620, 0.2627, 0.2499

Square

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



62.4620, 0.3103, 0.4092



62.4620, 0.2218, 0.2784



62.4620, 0.3087, 0.2633



62.4620, 0.4128, 0.3676

Rectangle

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



62.4620, 0.3103, 0.4092



62.4620, 0.2412, 0.3373



62.4620, 0.3087, 0.2633



62.4620, 0.3882, 0.3150

Sweetspot

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



62.4646, 0.3103, 0.4092



95.2008, 0.3122, 0.3494



69.2232, 0.3553, 0.3964



20.1960, 0.3120, 0.3535



0.0000, 0.0000, 0.0000



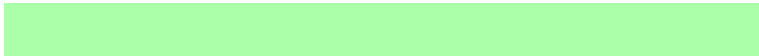
21.4041, 0.3127, 0.3290

Same Dimension

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



62.4646, 0.3103, 0.4092



83.0261, 0.3095, 0.4307



63.3908, 0.2914, 0.3709



15.3581, 0.3121, 0.3532



31.0676, 0.3007, 0.5994



2.1610, 0.3029, 0.5977

Inverse Universe

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



45.6334, 0.3142, 0.2594



56.0713, 0.3145, 0.2438



44.5256, 0.3416, 0.2907



13.9120, 0.3133, 0.3059



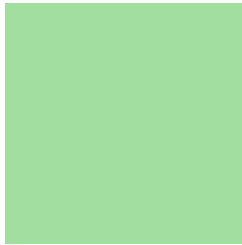
11.7113, 0.3129, 0.1498



0.8189, 0.3142, 0.1505

Previews

White Background



This preview shows how the Yxy color 62.4620, 0.3103, 0.4092 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 62.4620, 0.3103, 0.4092 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 62.4620, 0.3103, 0.4092

Background



This preview shows how black text looks on a background with the Yxy color 62.4620, 0.3103, 0.4092.

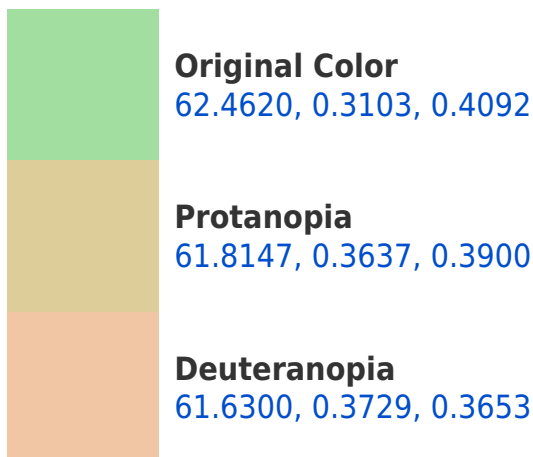


This preview shows how white text looks on a background with the Yxy color 62.4620, 0.3103, 0.4092.

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

62.3003, 0.2752, 0.3087

Trichromacy



Original Color

62.4620, 0.3103, 0.4092



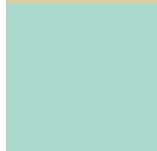
Protanomaly

61.7666, 0.3428, 0.3967



Deuteranomaly

61.2670, 0.3486, 0.3809



Tritanomaly

62.0656, 0.2878, 0.3425

Monochromacy



Original Color

62.4620, 0.3103, 0.4092



Achromatopsia

55.8340, 0.3127, 0.3290



Achromatomaly

57.7937, 0.3114, 0.3565

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.4620, 0.3103, 0.4092 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, 222, 160)` looks like.

```
.text, #text, p{  
    color:rgb(162, 222, 160)  
}
```

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, 222, 160) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 222, 160) }
```

Border

The CSS property to change the border of an element to Yxy 62.4620, 0.3103, 0.4092 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, 222, 160) }
```

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

```
.border{ border-color:rgb(162, 222, 160) }
```

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

Here you see how a box with a 4 pixel rgb(162, 222, 160) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 222, 160); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 222, 160);  
box-shadow:4px 4px 4px 4px rgb(162, 222,  
160) }
```


Background

The CSS property to change the background color of an element to Yxy 62.4620, 0.3103, 0.4092 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 222, 160) }
```

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

```
.background{ background-color: rgb(162,  
222, 160) }
```

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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