

Converting Colors

Yxy(62.1724, 0.3108, 0.4105)

Have a look what the booklet for
Yxy(62.1724, 0.3108, 0.4105)
contains.

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Color

Yxy(62.4271, 0.3109, 0.4105)

Conversions

Conversions Part 1

Format	Color
Hex	A2DE9F
RGB	162, 222, 159
RGB Percent	64%, 87%, 62%
CMY	0.3647, 0.1294, 0.3764
CMYK	0.27, 0.00, 0.28, 0.13
HSL	117°, 49%, 75%
HSV	117°, 28%, 87%
XYZ	47.2804, 62.4271, 42.3683
YIQ	196.8780, -15.5370, -32.3130

Conversions

Conversions Part 2

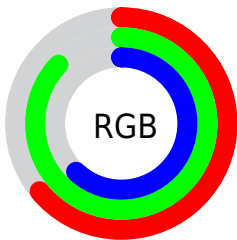
Format	Color
RYB	159, 222, 219
Decimal	10673823
CIELab	83.14, -31.16, 24.92
CIElCh	83, 39.895, 141.347
Yxy	62.4271, 0.3109, 0.4105
Android (android.graphics.Color)	4288863903 (0xFFA2DE9F)
YUV	196.8780, -18.6739, -30.5880
Hunter-Lab	79.0108, -31.4539, 23.5142

Details

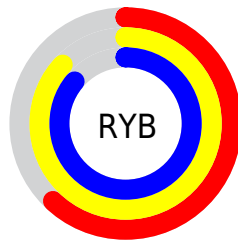
The Yxy color **62.4271, 0.3109, 0.4105** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **45.1434, 0.3134, 0.2581**, and the grayscale version is **55.8810, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.2805, 0.3132, 0.3721**, and **31.9502, 0.3095, 0.4341** is the 20% darker color. If you saturate the color by 10%, you get **59.6948, 0.3098, 0.4448**, and if you desaturate by 10%, it is **65.6757, 0.3117, 0.3788**.

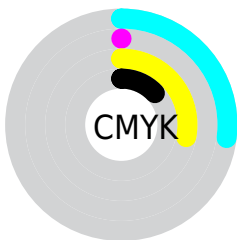
Distribution



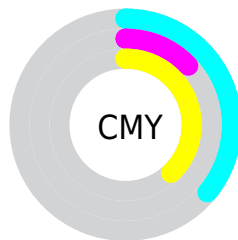
- Red (64%)
- Green (87%)
- Blue (62%)



- Red (62%)
- Yellow (87%)
- Blue (86%)



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





- Cyan (36%)
- Magenta (13%)
- Yellow (38%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 62.4271, 0.3109, 0.4105 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 62.4271, 0.3109, 0.4105 by changing the saturation by 10% instead.


 62.4271, 0.3109,
0.4105

 62.4271, 0.3109,
0.4105


433.4873, 0.3128,
0.3699

 45.3779, 0.3101,
0.4205


 108.3426, 0.3118,
0.3958

 31.7552, 0.3090,
0.4333


 137.9776, 0.3121,
0.3903

 21.1746, 0.3072,
0.4502


172.5768, 0.3123,
0.3856

 13.2517, 0.3043,
0.4734

212.5244, 0.3124,
0.3816

 7.6021, 0.2989,
0.5069

258.2048, 0.3126,
0.3781

 3.8414, 0.2881,
0.5592

310.0025, 0.3127,

 1.5852, 0.2818,

0.3750

0.7182

368.3019, 0.3127,
0.3723

0.3476, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

62.4271, 0.3109,
0.4105

62.4271, 0.3109,
0.4105

59.6948, 0.3098,
0.4448

65.6757, 0.3117,
0.3788

57.4449, 0.3085,
0.4803

69.4568, 0.3123,
0.3503

55.6516, 0.3070,
0.5151

73.7957, 0.3128,
0.3251

54.2836, 0.3053,
0.5465

78.7138, 0.3131,
0.3033

■ 53.3058, 0.3036,
0.5719

■ 80.7247, 0.3142,
0.2970

■ 52.6773, 0.3021,
0.5893

■ 52.3455, 0.3009,
0.5983

■ 52.3124, 0.3008,
0.5994

Harmonies

Analogous

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



62.4271, 0.3602, 0.4204



62.4271, 0.3109, 0.4105



62.4271, 0.2644, 0.3719

Triad

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



62.4271, 0.3109, 0.4105



62.4271, 0.2312, 0.2538



62.4271, 0.3996, 0.3274

Complementary

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



62.4271, 0.3109, 0.4105



45.1434, 0.3134, 0.2581

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.



62.4271, 0.3594, 0.2902



62.4271, 0.3109, 0.4105



62.4271, 0.2617, 0.2491

Square

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



62.4271, 0.3109, 0.4105



62.4271, 0.2209, 0.2783



62.4271, 0.3080, 0.2624



62.4271, 0.4139, 0.3674

Rectangle

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



62.4271, 0.3109, 0.4105



62.4271, 0.2409, 0.3380



62.4271, 0.3080, 0.2624



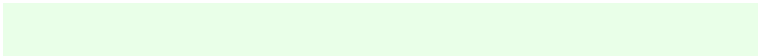
62.4271, 0.3885, 0.3143

Sweetspot

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



62.4297, 0.3109, 0.4105



94.6951, 0.3123, 0.3521



68.6217, 0.3563, 0.3964



20.0978, 0.3122, 0.3562



0.0000, 0.0000, 0.0000



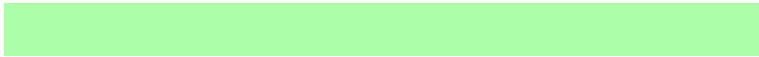
21.4041, 0.3127, 0.3290

Same Dimension

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



62.4297, 0.3109, 0.4105



83.1735, 0.3103, 0.4305



63.2215, 0.2917, 0.3731



15.3679, 0.3123, 0.3532



31.0847, 0.3011, 0.5992



2.1657, 0.3042, 0.5967

Inverse Universe

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



45.1434, 0.3134, 0.2581



55.8282, 0.3134, 0.2435



44.2145, 0.3412, 0.2889



13.9009, 0.3130, 0.3059



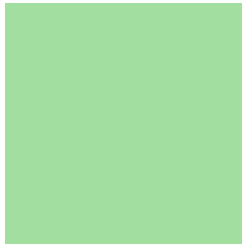
11.4184, 0.3092, 0.1477



0.8018, 0.3111, 0.1487

Previews

White Background



This preview shows how the Yxy color 62.4271, 0.3109, 0.4105 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 62.4271, 0.3109, 0.4105 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

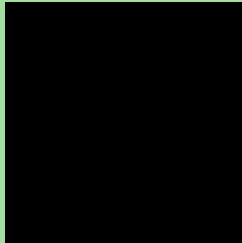
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 62.4271, 0.3109, 0.4105

Background



This preview shows how black text looks on a background with the Yxy color 62.4271, 0.3109, 0.4105.



This preview shows how white text looks on a background with the Yxy color 62.4271, 0.3109, 0.4105.

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

62.4271, 0.3109, 0.4105

Protanopia

61.7818, 0.3644, 0.3912

Deuteranopia

61.7693, 0.3746, 0.3662



Tritanopia

62.3003, 0.2752, 0.3087

Trichromacy



Original Color

62.4271, 0.3109, 0.4105



Protanomaly

61.7329, 0.3434, 0.3979



Deuteranomaly

61.2313, 0.3493, 0.3821



Tritanomaly

62.0174, 0.2884, 0.3438

Monochromacy



Original Color

62.4271, 0.3109, 0.4105



Achromatopsia

55.8340, 0.3127, 0.3290



Achromatomaly

57.7519, 0.3121, 0.3578

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.4271, 0.3109, 0.4105 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, 159)` looks like.

```
.text, #text, p{  
    color:rgb(162, 222, 159)  
}
```

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, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 222, 159) }
```

Border

The CSS property to change the border of an element to Yxy 62.4271, 0.3109, 0.4105 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, 159) }
```

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

```
.border{ border-color:rgb(162, 222, 159) }
```

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, 159) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 222, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 222, 159);  
box-shadow:4px 4px 4px 4px rgb(162, 222,  
159) }
```


Background

The CSS property to change the background color of an element to Yxy 62.4271, 0.3109, 0.4105 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, 159) }
```

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

```
.background{ background-color: rgb(162,  
222, 159) }
```

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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