

Converting Colors

$Yxy(62.1239, 0.3110, 0.4113)$

Have a look what the booklet for
Yxy(62.1239, 0.3110, 0.4113)
contains.

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Color

Yxy(62.2882, 0.3108, 0.4120)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | A1DE9E |
| RGB | 161, 222, 158 |
| RGB Percent | 63%, 87%, 62% |
| CMY | 0.3687, 0.1294, 0.3803 |
| CMYK | 0.27, 0.00, 0.29, 0.13 |
| HSL | 117°, 49%, 75% |
| HSV | 117°, 29%, 87% |
| XYZ | 46.9883, 62.2882, 41.9085 |
| YIQ | 196.4650, -15.8120, -32.8360 |

Conversions

Conversions Part 2

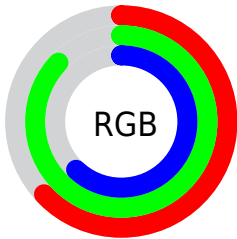
| Format | Color |
|-------------------------------------|--|
| RYB | 158, 222, 219 |
| Decimal | 10608286 |
| CIELab | 83.07, -31.66, 25.32 |
| CIELCh | 83, 40.537, 141.343 |
| Yxy | 62.2882, 0.3108, 0.4120 |
| Android (android.graphics.Color) | 4288798366 (0xFFA1DE9E) |
| YUV | 196.4650, -18.9632, -31.1028 |
| Hunter-Lab | 78.9229, -31.8415, 23.7627 |

Details

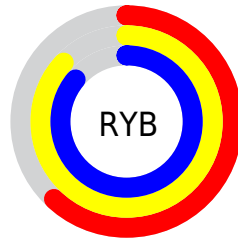
The Yxy color **62.2882, 0.3108, 0.4120** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **44.8111, 0.3135, 0.2570**, and the grayscale version is **55.6182, 0.3127, 0.3290**.

A 20% lighter version of the original color is **91.0758, 0.3131, 0.3733**, and **31.8662, 0.3094, 0.4361** is the 20% darker color. If you saturate the color by 10%, you get **59.5770, 0.3097, 0.4464**, and if you desaturate by 10%, it is **65.5156, 0.3117, 0.3801**.

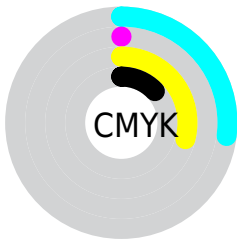
Distribution



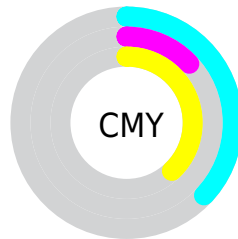
- Red (63%)
- Green (87%)
- Blue (62%)



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



- Cyan (27%)
- Magenta (0%)
- Yellow (29%)
- Black (13%)




- Cyan (37%)
- Magenta (13%)
- Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 62.2882, 0.3108, 0.4120 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 62.2882, 0.3108, 0.4120 by changing the saturation by 10% instead.

 62.2882, 0.3108,
0.4120

 62.2882, 0.3108,
0.4120


432.9816, 0.3128,
0.3706

 45.2656, 0.3100,
0.4222


 108.1420, 0.3117,
0.3970

 31.6667, 0.3088,
0.4353


 137.7419, 0.3120,
0.3914

 21.1070, 0.3070,
0.4525


172.3031, 0.3122,
0.3866

 13.2023, 0.3039,
0.4762

212.2099, 0.3124,
0.3825

 7.5680, 0.2983,
0.5105

257.8468, 0.3125,
0.3789

 3.8198, 0.2869,
0.5639


309.5981, 0.3126,

 1.5733, 0.2768,

0.3758


0.7232

367.8482, 0.3127,
0.3731


 0.3395, 0.0000,
1.0000


 0.0000, 0.0000,
0.0000


 62.2882, 0.3108,
0.4120

 62.2882, 0.3108,
0.4120


 59.5770, 0.3097,
0.4464


 65.5156, 0.3117,
0.3801


 57.3478, 0.3084,
0.4820

 69.2755, 0.3123,
0.3515

 55.5746, 0.3068,
0.5167

 73.5934, 0.3128,
0.3262

 54.2261, 0.3052,
0.5479

 78.4908, 0.3131,
0.3042

■ 53.2665, 0.3035,
0.5729

■ 80.7271, 0.3142,
0.2970

■ 52.6546, 0.3020,
0.5899

■ 52.3361, 0.3008,
0.5986

■ 52.3129, 0.3008,
0.5994

Harmonies

Analogous

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



62.2882, 0.3609, 0.4220



62.2882, 0.3108, 0.4120



62.2882, 0.2635, 0.3727

Triad

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



62.2882, 0.3108, 0.4120



62.2882, 0.2299, 0.2526



62.2882, 0.4010, 0.3272

Complementary

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



62.2882, 0.3108, 0.4120



44.8111, 0.3135, 0.2570

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.



62.2882, 0.3602, 0.2895



62.2882, 0.3108, 0.4120



62.2882, 0.2608, 0.2478

Square

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



62.2882, 0.3108, 0.4120



62.2882, 0.2195, 0.2774



62.2882, 0.3078, 0.2613



62.2882, 0.4156, 0.3679

Rectangle

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



62.2882, 0.3108, 0.4120



62.2882, 0.2397, 0.3381



62.2882, 0.3078, 0.2613



62.2882, 0.3898, 0.3140

Sweetspot

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



62.2908, 0.3108, 0.4120



94.6900, 0.3123, 0.3521



68.5646, 0.3570, 0.3975



20.0966, 0.3122, 0.3562



0.0000, 0.0000, 0.0000



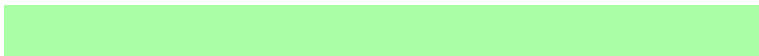
21.4041, 0.3127, 0.3290

Same Dimension

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



62.2908, 0.3108, 0.4120



82.7928, 0.3101, 0.4340



63.0999, 0.2914, 0.3739



15.3671, 0.3123, 0.3532



31.0832, 0.3010, 0.5992



2.1652, 0.3041, 0.5968

Inverse Universe

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



44.8111, 0.3135, 0.2570



54.8931, 0.3135, 0.2411



43.8564, 0.3418, 0.2882



13.9019, 0.3131, 0.3059



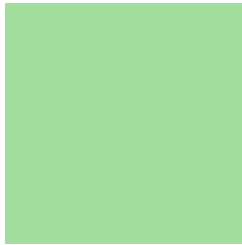
11.4438, 0.3095, 0.1479



0.8033, 0.3114, 0.1489

Previews

White Background



This preview shows how the Yxy color 62.2882, 0.3108, 0.4120 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 62.2882, 0.3108, 0.4120 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 62.2882, 0.3108, 0.4120

Background



This preview shows how black text looks on a background with the Yxy color 62.2882, 0.3108, 0.4120.



This preview shows how white text looks on a background with the Yxy color 62.2882, 0.3108, 0.4120.

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

62.2882, 0.3108, 0.4120

Protanopia

61.7491, 0.3652, 0.3923

Deuteranopia

61.7333, 0.3754, 0.3673



Tritanopia

62.3003, 0.2752, 0.3087

Trichromacy



Original Color

62.2882, 0.3108, 0.4120



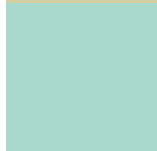
Protanomaly

61.5622, 0.3433, 0.3993



Deuteranomaly

61.1959, 0.3501, 0.3832



Tritanomaly

61.9064, 0.2878, 0.3438

Monochromacy



Original Color

62.2882, 0.3108, 0.4120



Achromatopsia

55.2011, 0.3127, 0.3290



Achromatomaly

57.1073, 0.3121, 0.3579

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.2882, 0.3108, 0.4120 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(161, 222, 158)` looks like.

```
.text, #text, p{  
    color:rgb(161, 222, 158)  
}
```

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(161, 222, 158) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(161, 222, 158) }
```

Border

The CSS property to change the border of an element to Yxy 62.2882, 0.3108, 0.4120 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(161, 222, 158) }
```

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

```
.border{ border-color:rgb(161, 222, 158) }
```

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

Here you see how a box with a 4 pixel `rgb(161, 222, 158)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(161, 222, 158); -webkit-box-  
shadow:4px 4px 4px 4px rgb(161, 222, 158);  
box-shadow:4px 4px 4px 4px rgb(161, 222,  
158) }
```


Background

The CSS property to change the background color of an element to Yxy 62.2882, 0.3108, 0.4120 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(161, 222, 158) }
```

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

```
.background{ background-color: rgb(161,  
222, 158) }
```

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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