

Converting Colors

$Yxy(62.2262, 0.3243, 0.4113)$

Have a look what the booklet for
Yxy(62.2262, 0.3243, 0.4113)
contains.

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Color

Yxy(62.2262, 0.3243, 0.4113)

Conversions

Conversions Part 1

Format	Color
Hex	B0DB9A
RGB	176, 219, 154
RGB Percent	69%, 86%, 60%
CMY	0.3099, 0.1411, 0.3960
CMYK	0.20, 0.00, 0.30, 0.14
HSL	100°, 47%, 73%
HSV	100°, 30%, 86%
XYZ	49.0638, 62.2262, 40.0015
YIQ	198.7330, -4.7630, -29.3310

Conversions

Conversions Part 2

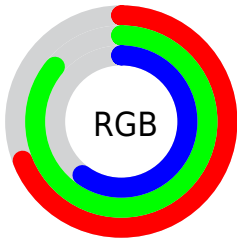
Format	Color
RYB	154, 219, 197
Decimal	11590554
CIELab	83.03, -25.78, 27.51
CIElCh	83, 37.696, 133.141
Yxy	62.2262, 0.3243, 0.4113
Android (android.graphics.Color)	4289780634 (0xFFB0DB9A)
YUV	198.7330, -22.0534, -19.9368
Hunter-Lab	78.8836, -27.0232, 25.1528

Details

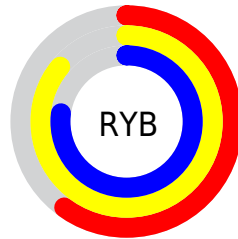
The Yxy color **62.2262, 0.3243, 0.4113** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **40.1086, 0.2966, 0.2510**, and the grayscale version is **57.0793, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.2793, 0.3249, 0.3763**, and **31.6478, 0.3256, 0.4349** is the 20% darker color. If you saturate the color by 10%, you get **59.9634, 0.3272, 0.4430**, and if you desaturate by 10%, it is **64.8082, 0.3207, 0.3812**.

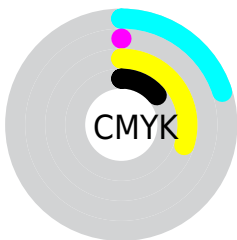
Distribution



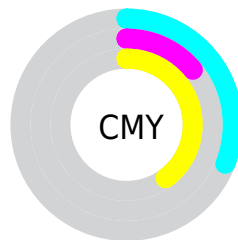
- Red (69%)
- Green (86%)
- Blue (60%)



- Red (60%)
- Yellow (86%)
- Blue (77%)



- Cyan (20%)
- Magenta (0%)
- Yellow (30%)
- Black (14%)





- Cyan (31%)
- Magenta (14%)
- Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 62.2262, 0.3243, 0.4113 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 62.2262, 0.3243, 0.4113 by changing the saturation by 10% instead.

 62.2262, 0.3243,
0.4113

 62.2262, 0.3243,
0.4113


432.7557, 0.3198,
0.3705

 45.2155, 0.3250,
0.4213


 108.0524, 0.3230,
0.3966

 31.6272, 0.3258,
0.4340

 137.6367, 0.3224,
0.3911

 21.0769, 0.3264,
0.4506


172.1809, 0.3218,
0.3863

 13.1802, 0.3265,
0.4733

212.0695, 0.3213,
0.3823

 7.5528, 0.3253,
0.5056

257.6869, 0.3209,
0.3788

 3.8101, 0.3204,
0.5552

309.4175, 0.3205,

 1.5679, 0.3213,

0.3757

0.6787

367.6456, 0.3201,
0.3730

0.3358, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

62.2262, 0.3243,
0.4113

62.2262, 0.3243,
0.4113

59.9634, 0.3272,
0.4430

64.8082, 0.3207,
0.3812

57.9988, 0.3292,
0.4751

67.7133, 0.3167,
0.3535

56.3212, 0.3298,
0.5062


70.9557, 0.3126,
0.3282

54.9155, 0.3289,
0.5345


74.5463, 0.3084,
0.3056


 53.7649, 0.3263,
0.5579

 77.9344, 0.3098,
0.2935

 52.8505, 0.3222,
0.5752

 79.1491, 0.3144,
0.2940

 52.1440, 0.3170,
0.5863

 52.1239, 0.3169,
0.5866

Harmonies

Analogous

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



62.2262, 0.3694, 0.4130



62.2262, 0.3243, 0.4113



62.2262, 0.2781, 0.3814

Triad

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



62.2262, 0.3243, 0.4113



62.2262, 0.2305, 0.2622



62.2262, 0.3864, 0.3174

Complementary

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



62.2262, 0.3243, 0.4113



40.1086, 0.2966, 0.2510

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.



62.2262, 0.3440, 0.2838



62.2262, 0.3243, 0.4113



62.2262, 0.2547, 0.2524

Square

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



62.2262, 0.3243, 0.4113



62.2262, 0.2264, 0.2908



62.2262, 0.2953, 0.2606



62.2262, 0.4075, 0.3555

Rectangle

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



62.2262, 0.3243, 0.4113



62.2262, 0.2529, 0.3510



62.2262, 0.2953, 0.2606



62.2262, 0.3740, 0.3054

Sweetspot

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



62.2289, 0.3243, 0.4113



95.8396, 0.3165, 0.3519



56.9936, 0.3644, 0.3786



20.3776, 0.3171, 0.3558



0.0000, 0.0000, 0.0000



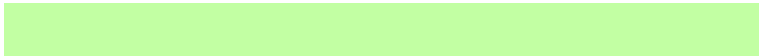
21.4041, 0.3127, 0.3290

Same Dimension

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



62.2289, 0.3243, 0.4113



85.6683, 0.3263, 0.4322



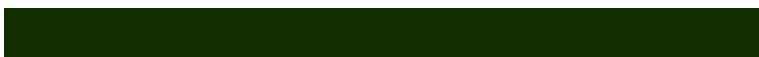
60.2121, 0.3027, 0.4020



14.8189, 0.3166, 0.3528



30.9575, 0.3179, 0.5858



2.0520, 0.3306, 0.5757

Inverse Universe

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



40.1086, 0.2966, 0.2510



49.3316, 0.2919, 0.2326



42.7937, 0.3247, 0.2656



13.0432, 0.3084, 0.3056



6.6660, 0.2377, 0.1083



0.4785, 0.2515, 0.1159

Previews

White Background



This preview shows how the Yxy color 62.2262, 0.3243, 0.4113 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 62.2262, 0.3243, 0.4113 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

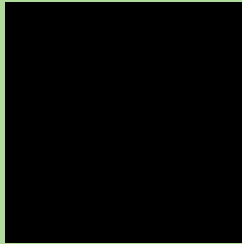
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 62.2262, 0.3243, 0.4113

Background



This preview shows how black text looks on a background with the Yxy color 62.2262, 0.3243, 0.4113.



This preview shows how white text looks on a background with the Yxy color 62.2262, 0.3243, 0.4113.

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

62.2262, 0.3243, 0.4113

Protanopia

61.8103, 0.3682, 0.3955

Deuteranopia

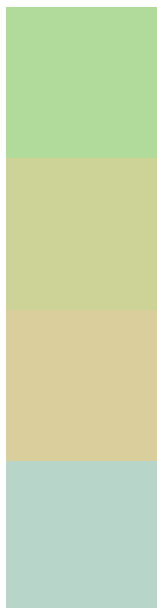
61.7686, 0.3794, 0.3716



Tritanopia

62.1490, 0.2858, 0.3102

Trichromacy



Original Color

62.2262, 0.3243, 0.4113

Protanomaly

61.7697, 0.3512, 0.4019

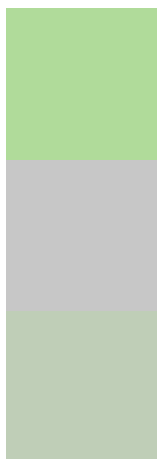
Deuteranomaly

61.4824, 0.3582, 0.3859

Tritanomaly

61.8259, 0.2997, 0.3448

Monochromacy



Original Color

62.2262, 0.3243, 0.4113

Achromatopsia

57.1125, 0.3127, 0.3290

Achromatomaly

58.6379, 0.3175, 0.3573

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.2262, 0.3243, 0.4113 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(176, 219, 154)` looks like.

```
.text, #text, p{  
    color:rgb(176, 219, 154)  
}
```

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(176, 219, 154) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(176, 219, 154) }
```

Border

The CSS property to change the border of an element to Yxy 62.2262, 0.3243, 0.4113 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(176, 219, 154) }
```

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

```
.border{ border-color:rgb(176, 219, 154) }
```

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

Here you see how a box with a 4 pixel `rgb(176, 219, 154)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(176, 219, 154); -webkit-box-  
shadow:4px 4px 4px 4px rgb(176, 219, 154);  
box-shadow:4px 4px 4px 4px rgb(176, 219,  
154) }
```


Background

The CSS property to change the background color of an element to Yxy 62.2262, 0.3243, 0.4113 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(176, 219, 154) }
```

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

```
.background{ background-color: rgb(176,  
219, 154) }
```

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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