

Converting Colors

Yxy(61.9845, 0.3330, 0.4252)

Have a look what the booklet for
Yxy(61.9845, 0.3330, 0.4252)
contains.

Yxy(62.1112, 0.3328, 0.4249)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(62.1112, 0.3328, 0.4249)

Conversions

Conversions Part 1

Format	Color
Hex	B2DB8F
RGB	178, 219, 143
RGB Percent	70%, 86%, 56%
CMY	0.3020, 0.1411, 0.4391
CMYK	0.19, 0.00, 0.35, 0.14
HSL	92°, 51%, 71%
HSV	92°, 35%, 86%
XYZ	48.6482, 62.1112, 35.4190
YIQ	198.0770, -0.0400, -32.3280

Conversions

Conversions Part 2

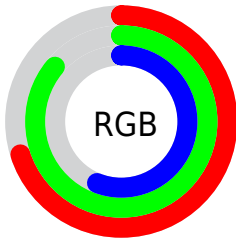
Format	Color
RYB	143, 219, 184
Decimal	11721615
CIELab	82.97, -26.65, 33.09
CIELCh	83, 42.490, 128.843
Yxy	62.1112, 0.3328, 0.4249
Android (android.graphics.Color)	4289911695 (0xFFB2DB8F)
YUV	198.0770, -27.1530, -17.6075
Hunter-Lab	78.8107, -27.7343, 28.5214

Details

The Yxy color **62.1112, 0.3328, 0.4249** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **34.9621, 0.2847, 0.2348**, and the grayscale version is **56.6902, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.2134, 0.3339, 0.3885**, and **31.6087, 0.3354, 0.4508** is the 20% darker color. If you saturate the color by 10%, you get **60.1748, 0.3372, 0.4555**, and if you desaturate by 10%, it is **64.3032, 0.3275, 0.3951**.

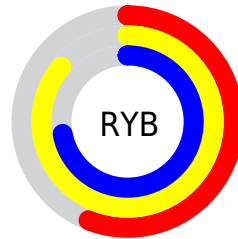
Distribution



Red (70%)

Green (86%)

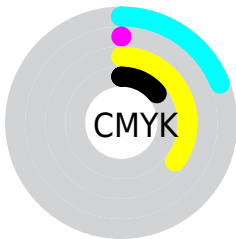
Blue (56%)



Red (56%)

Yellow (86%)

Blue (72%)

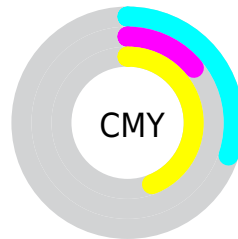


Cyan (19%)

Magenta (0%)

Yellow (35%)

Black (14%)



Cyan (30%)


Magenta (14%)


Yellow (44%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 62.1112, 0.3328, 0.4249 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 62.1112, 0.3328, 0.4249 by changing the saturation by 10% instead.

 62.1112, 0.3328,
0.4249

 62.1112, 0.3328,
0.4249


432.3366, 0.3246,
0.3774

 45.1226, 0.3343,
0.4365


 107.8862, 0.3303,
0.4078

 31.5540, 0.3358,
0.4512


 137.4414, 0.3292,
0.4013

 21.0210, 0.3372,
0.4703


171.9542, 0.3282,
0.3958

 13.1394, 0.3382,
0.4960

211.8091, 0.3273,
0.3911

 7.5246, 0.3375,
0.5323

257.3903, 0.3266,
0.3870

 3.7923, 0.3357,
0.5931

309.0824, 0.3259,

 1.5581, 0.3144,

0.3834

0.6856

367.2697, 0.3252,
0.3802

0.3291, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

62.1112, 0.3328,
0.4249

62.1112, 0.3328,
0.4249

60.1748, 0.3372,
0.4555

64.3032, 0.3275,
0.3951

58.4752, 0.3403,
0.4855

66.7524, 0.3216,
0.3668

57.0036, 0.3416,
0.5135


69.4710, 0.3156,
0.3405


55.7474, 0.3410,
0.5378


72.4676, 0.3095,
0.3166


 54.6922, 0.3382,
0.5571

 75.7507, 0.3036,
0.2950

 53.8210, 0.3335,
0.5704

 78.0130, 0.3101,
0.2935

 53.4204, 0.3306,
0.5757

 79.1468, 0.3144,
0.2940

Harmonies

Analogous

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



62.1112, 0.3822, 0.4212



62.1112, 0.3328, 0.4249



62.1112, 0.2804, 0.3952

Triad

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



62.1112, 0.3328, 0.4249



62.1112, 0.2190, 0.2572



62.1112, 0.3902, 0.3098

Complementary

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



62.1112, 0.3328, 0.4249



34.9621, 0.2847, 0.2348

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.



62.1112, 0.3399, 0.2740



62.1112, 0.3328, 0.4249



62.1112, 0.2426, 0.2438

Square

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



62.1112, 0.3328, 0.4249



62.1112, 0.2176, 0.2917



62.1112, 0.2855, 0.2504



62.1112, 0.4182, 0.3517

Rectangle

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



62.1112, 0.3328, 0.4249



62.1112, 0.2508, 0.3615



62.1112, 0.2855, 0.2504



62.1112, 0.3751, 0.2968

Sweetspot

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



62.1139, 0.3328, 0.4249



95.9470, 0.3189, 0.3544



51.1383, 0.3779, 0.3773



20.4215, 0.3197, 0.3581



0.0000, 0.0000, 0.0000



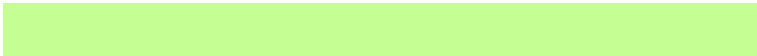
21.4041, 0.3127, 0.3290

Same Dimension

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



62.1139, 0.3328, 0.4249



85.5496, 0.3363, 0.4483



58.5699, 0.3064, 0.4291



14.8983, 0.3185, 0.3527



31.7370, 0.3317, 0.5749



2.1069, 0.3444, 0.5647

Inverse Universe

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



34.9621, 0.2847, 0.2348



41.4502, 0.2766, 0.2123



39.6951, 0.3190, 0.2459



12.9617, 0.3065, 0.3054



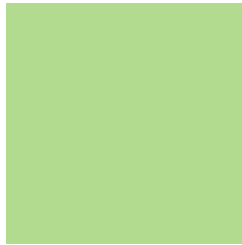
5.3919, 0.2108, 0.0935



0.4004, 0.2278, 0.1029

Previews

White Background



This preview shows how the Yxy color 62.1112, 0.3328, 0.4249 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 62.1112, 0.3328, 0.4249 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

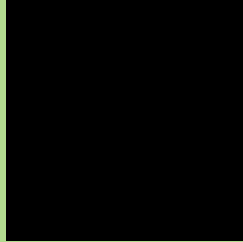
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 62.1112, 0.3328, 0.4249

Background



This preview shows how black text looks on a background with the Yxy color 62.1112, 0.3328, 0.4249.



This preview shows how white text looks on a background with the Yxy color 62.1112, 0.3328, 0.4249.

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

62.1112, 0.3328, 0.4249

Protanopia

61.6656, 0.3764, 0.4065

Deuteranopia

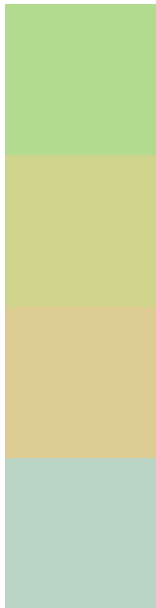
61.4831, 0.3911, 0.3818



Tritanopia

61.9843, 0.2885, 0.3103

Trichromacy



Original Color

62.1112, 0.3328, 0.4249

Protanomaly

61.7474, 0.3598, 0.4133

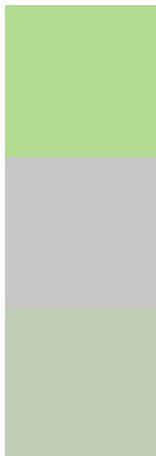
Deuteranomaly

61.1101, 0.3692, 0.3970

Tritanomaly

61.9677, 0.3052, 0.3509

Monochromacy



Original Color

62.1112, 0.3328, 0.4249

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

58.4333, 0.3210, 0.3636

CSS Examples

Text

The CSS property to change the color of the text to Yxy 62.1112, 0.3328, 0.4249 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(178, 219, 143)` looks like.

```
.text, #text, p{  
    color:rgb(178, 219, 143)  
}
```

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(178, 219, 143) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(178, 219, 143) }
```

Border

The CSS property to change the border of an element to Yxy 62.1112, 0.3328, 0.4249 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(178, 219, 143) }
```

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

```
.border{ border-color:rgb(178, 219, 143) }
```

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

Here you see how a box with a 4 pixel `rgb(178, 219, 143)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(178, 219, 143); -webkit-box-  
shadow:4px 4px 4px 4px rgb(178, 219, 143);  
box-shadow:4px 4px 4px 4px rgb(178, 219,  
143) }
```


Background

The CSS property to change the background color of an element to Yxy 62.1112, 0.3328, 0.4249 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(178, 219, 143) }
```

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

```
.background{ background-color: rgb(178,  
219, 143) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor