

Converting Colors

Yxy(62.8121, 0.3440, 0.4448)

Have a look what the booklet for
Yxy(62.8121, 0.3440, 0.4448)
contains.

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Color

Yxy(63.0952, 0.3439, 0.4445)

Conversions

Conversions Part 1

Format	Color
Hex	B5DD80
RGB	181, 221, 128
RGB Percent	71%, 87%, 50%
CMY	0.2901, 0.1333, 0.4979
CMYK	0.18, 0.00, 0.42, 0.13
HSL	86°, 58%, 68%
HSV	86°, 42%, 87%
XYZ	48.8154, 63.0952, 30.0359
YIQ	198.4380, 6.0130, -37.4030

Conversions

Conversions Part 2

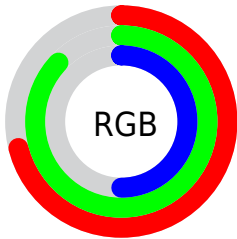
Format	Color
RYB	128, 221, 168
Decimal	11918720
CIELab	83.49, -28.43, 41.34
CIELCh	83, 50.178, 124.516
Yxy	63.0952, 0.3439, 0.4445
Android (android.graphics.Color)	4290108800 (0xFFB5DD80)
YUV	198.4380, -34.7259, -15.2931
Hunter-Lab	79.4325, -29.3093, 33.1834

Details

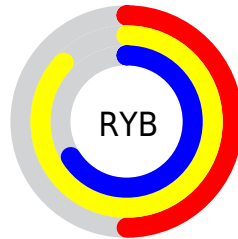
The Yxy color **63.0952, 0.3439, 0.4445** is a light color, and the websafe version is hex **99CC66**. A complement of this color would be **28.9893, 0.2676, 0.2101**, and the grayscale version is **56.9712, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.0745, 0.3446, 0.4037**, and **32.2439, 0.3477, 0.4754** is the 20% darker color. If you saturate the color by 10%, you get **61.4680, 0.3492, 0.4731**, and if you desaturate by 10%, it is **64.9330, 0.3374, 0.4154**.

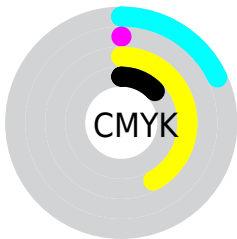
Distribution



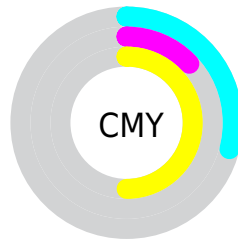
- Red (71%)
- Green (87%)
- Blue (50%)



- Red (50%)
- Yellow (87%)
- Blue (66%)



- Cyan (18%)
- Magenta (0%)
- Yellow (42%)
- Black (13%)





- Cyan (29%)
- Magenta (13%)
- Yellow (50%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 63.0952, 0.3439, 0.4445 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 63.0952, 0.3439, 0.4445 by changing the saturation by 10% instead.


 63.0952, 0.3439,
0.4445


 63.0952, 0.3439,
0.4445

435.9149, 0.3312,
0.3876

 45.9182, 0.3461,
0.4582

 109.3068, 0.3400,
0.4242

 32.1813, 0.3484,
0.4753

 139.1103, 0.3383,
0.4164

 21.5000, 0.3505,
0.4974


 173.8914, 0.3368,
0.4098

 13.4900, 0.3517,
0.5264

214.0345, 0.3355,
0.4041

 7.7668, 0.3500,
0.5656

259.9240, 0.3342,
0.3992

 3.9461, 0.3546,
0.6454

311.9443, 0.3331,

 1.6435, 0.3063,

0.3948

0.6937

370.4798, 0.3321,
0.3910

0.3866, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

63.0952, 0.3439,
0.4445

63.0952, 0.3439,
0.4445

61.4680, 0.3492,
0.4731

64.9330, 0.3374,
0.4154

60.0333, 0.3527,
0.4999

66.9822, 0.3300,
0.3867

58.7828, 0.3541,
0.5234


69.2539, 0.3222,
0.3595


57.7043, 0.3531,
0.5423

71.7561, 0.3143,
0.3340


 56.7832, 0.3497,
0.5560

 74.4962, 0.3066,
0.3106

 56.1466, 0.3459,
0.5636

 77.1139, 0.3027,
0.2948

 78.8023, 0.3091,
0.2954

 80.1913, 0.3143,
0.2960

Harmonies

Analogous

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



63.0952, 0.3999, 0.4326



63.0952, 0.3439, 0.4445



63.0952, 0.2825, 0.4154

Triad

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



63.0952, 0.3439, 0.4445



63.0952, 0.2028, 0.2492



63.0952, 0.3964, 0.2995

Complementary

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



63.0952, 0.3439, 0.4445



28.9893, 0.2676, 0.2101

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.



63.0952, 0.3347, 0.2605



63.0952, 0.3439, 0.4445



63.0952, 0.2260, 0.2313

Square

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



63.0952, 0.3439, 0.4445



63.0952, 0.2047, 0.2919



63.0952, 0.2722, 0.2362



63.0952, 0.4342, 0.3466

Rectangle

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



63.0952, 0.3439, 0.4445



63.0952, 0.2469, 0.3766



63.0952, 0.2722, 0.2362



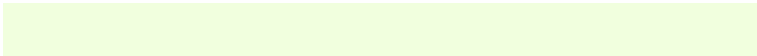
63.0952, 0.3773, 0.2853

Sweetspot

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



63.0980, 0.3439, 0.4445



95.4426, 0.3230, 0.3622



44.4818, 0.4008, 0.3754



20.2748, 0.3248, 0.3682



0.0000, 0.0000, 0.0000



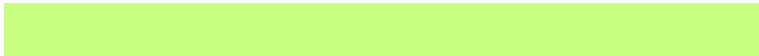
21.4041, 0.3127, 0.3290

Same Dimension

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



63.0980, 0.3439, 0.4445



85.3710, 0.3484, 0.4684



58.4858, 0.3115, 0.4570



14.9707, 0.3201, 0.3526



32.6855, 0.3469, 0.5627



2.1680, 0.3584, 0.5536

Inverse Universe

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



28.9893, 0.2676, 0.2101



32.5110, 0.2559, 0.1846



34.8489, 0.3101, 0.2238



12.8895, 0.3048, 0.3053



4.5100, 0.1899, 0.0820



0.3424, 0.2083, 0.0921

Previews

White Background



This preview shows how the Yxy color 63.0952, 0.3439, 0.4445 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 63.0952, 0.3439, 0.4445 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

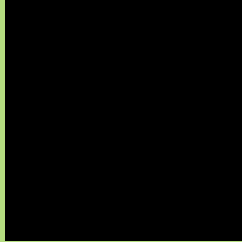
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 63.0952, 0.3439, 0.4445

Background



This preview shows how black text looks on a background with the Yxy color 63.0952, 0.3439, 0.4445.



This preview shows how white text looks on a background with the Yxy color 63.0952, 0.3439, 0.4445.

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

63.0952, 0.3439, 0.4445

Protanopia

62.8727, 0.3893, 0.4234

Deuteranopia

62.4056, 0.4064, 0.3972



Tritanopia

62.6940, 0.2913, 0.3093

Trichromacy



Original Color

63.0952, 0.3439, 0.4445

Protanomaly

62.7708, 0.3716, 0.4314

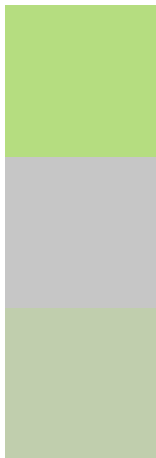
Deuteranomaly

61.7889, 0.3830, 0.4136

Tritanomaly

62.2534, 0.3114, 0.3569

Monochromacy



Original Color

63.0952, 0.3439, 0.4445

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

58.3662, 0.3254, 0.3698

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.0952, 0.3439, 0.4445 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(181, 221, 128)` looks like.

```
.text, #text, p{  
    color:rgb(181, 221, 128)  
}
```

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(181, 221, 128) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 221, 128) }
```

Border

The CSS property to change the border of an element to Yxy 63.0952, 0.3439, 0.4445 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(181, 221, 128) }
```

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

```
.border{ border-color:rgb(181, 221, 128) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 221, 128)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 221, 128); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 221, 128);  
box-shadow:4px 4px 4px 4px rgb(181, 221,  
128) }
```


Background

The CSS property to change the background color of an element to Yxy 63.0952, 0.3439, 0.4445 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 221, 128) }
```

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

```
.background{ background-color: rgb(181,  
221, 128) }
```

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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