

Converting Colors

Yxy(63.9814, 0.3350, 0.4219)

Have a look what the booklet for
Yxy(63.9814, 0.3350, 0.4219)
contains.

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Color

Yxy(63.9786, 0.3350, 0.4219)

Conversions

Conversions Part 1

Format	Color
Hex	B8DD92
RGB	184, 221, 146
RGB Percent	72%, 87%, 57%
CMY	0.2787, 0.1333, 0.4275
CMYK	0.17, 0.00, 0.34, 0.13
HSL	90°, 52%, 72%
HSV	90°, 34%, 87%
XYZ	50.8007, 63.9786, 36.8647
YIQ	201.3870, 2.0230, -31.1690

Conversions

Conversions Part 2

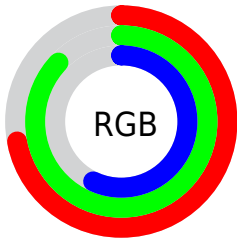
Format	Color
RYB	146, 221, 183
Decimal	12115346
CIELab	83.95, -25.07, 32.94
CIELCh	84, 41.395, 127.272
Yxy	63.9786, 0.3350, 0.4219
Android (android.graphics.Color)	4290305426 (0xFFB8DD92)
YUV	201.3870, -27.3058, -15.2484
Hunter-Lab	79.9866, -26.6085, 28.6648

Details

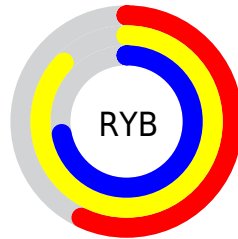
The Yxy color **63.9786, 0.3350, 0.4219** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **35.8564, 0.2824, 0.2362**, and the grayscale version is **58.8280, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.4378, 0.3355, 0.3837**, and **32.8264, 0.3392, 0.4478** is the 20% darker color. If you saturate the color by 10%, you get **62.0618, 0.3402, 0.4519**, and if you desaturate by 10%, it is **66.1382, 0.3289, 0.3925**.

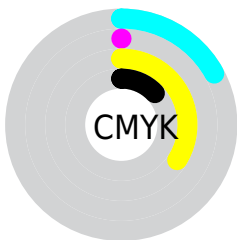
Distribution



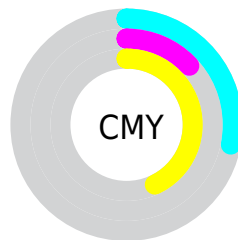
- Red (72%)
- Green (87%)
- Blue (57%)



- Red (57%)
- Yellow (87%)
- Blue (72%)



- Cyan (17%)
- Magenta (0%)
- Yellow (34%)
- Black (13%)




- Cyan (28%)
- Magenta (13%)
- Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 63.9786, 0.3350, 0.4219 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 63.9786, 0.3350, 0.4219 by changing the saturation by 10% instead.

 63.9786, 0.3350,
0.4219

 63.9786, 0.3350,
0.4219


439.1124, 0.3257,
0.3762

 46.6333, 0.3367,
0.4329


 110.5801, 0.3321,
0.4055

 32.7459, 0.3386,
0.4469


 140.6052, 0.3308,
0.3993

 21.9319, 0.3406,
0.4650


175.6256, 0.3297,
0.3940

 13.8068, 0.3423,
0.4892

216.0258, 0.3288,
0.3895

 7.9864, 0.3429,
0.5230

262.1902, 0.3279,
0.3855

 4.0863, 0.3415,
0.5761

314.5032, 0.3271,

 1.7219, 0.3322,

0.3820

0.6678

373.3491, 0.3264,
0.3790

0.4378, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

63.9786, 0.3350,
0.4219

63.9786, 0.3350,
0.4219

62.0618, 0.3402,
0.4519

66.1382, 0.3289,
0.3925

60.3693, 0.3442,
0.4813


68.5414, 0.3222,
0.3646


58.8931, 0.3463,
0.5087

71.1999, 0.3154,
0.3386

57.6210, 0.3463,
0.5326


74.1220, 0.3086,
0.3149

 56.5395, 0.3441,
0.5516

 77.2179, 0.3030,
0.2948

 55.6323, 0.3398,
0.5650

 79.1726, 0.3105,
0.2956

 55.1532, 0.3366,
0.5709

 80.2033, 0.3143,
0.2960

Harmonies

Analogous

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



63.9786, 0.3822, 0.4171



63.9786, 0.3350, 0.4219



63.9786, 0.2841, 0.3949

Triad

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



63.9786, 0.3350, 0.4219



63.9786, 0.2214, 0.2609



63.9786, 0.3853, 0.3085

Complementary

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



63.9786, 0.3350, 0.4219



35.8564, 0.2824, 0.2362

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.



63.9786, 0.3362, 0.2742



63.9786, 0.3350, 0.4219



63.9786, 0.2432, 0.2467

Square

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



63.9786, 0.3350, 0.4219



63.9786, 0.2212, 0.2954



63.9786, 0.2839, 0.2521



63.9786, 0.4138, 0.3490

Rectangle

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



63.9786, 0.3350, 0.4219



63.9786, 0.2550, 0.3631



63.9786, 0.2839, 0.2521



63.9786, 0.3704, 0.2960

Sweetspot

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



63.9814, 0.3350, 0.4219



96.1525, 0.3196, 0.3543



51.0128, 0.3777, 0.3720



20.4711, 0.3206, 0.3581



0.0000, 0.0000, 0.0000



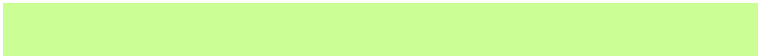
21.4041, 0.3127, 0.3290

Same Dimension

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



63.9814, 0.3350, 0.4219



86.4784, 0.3390, 0.4440



60.0248, 0.3088, 0.4298



14.9282, 0.3192, 0.3526



32.1004, 0.3377, 0.5701



2.1309, 0.3500, 0.5603

Inverse Universe

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



35.8564, 0.2824, 0.2362



41.7509, 0.2739, 0.2141



40.9588, 0.3155, 0.2448



12.9316, 0.3058, 0.3054



4.9973, 0.2017, 0.0885



0.3750, 0.2195, 0.0983

Previews

White Background



This preview shows how the Yxy color 63.9786, 0.3350, 0.4219 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 63.9786, 0.3350, 0.4219 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

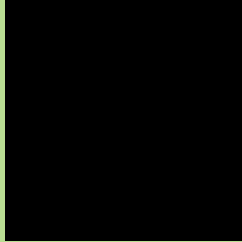
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

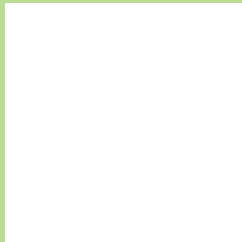
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 63.9786, 0.3350, 0.4219

Background



This preview shows how black text looks on a background with the Yxy color 63.9786, 0.3350, 0.4219.



This preview shows how white text looks on a background with the Yxy color 63.9786, 0.3350, 0.4219.

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

63.9786, 0.3350, 0.4219

Protanopia

63.6928, 0.3755, 0.4056

Deuteranopia

63.4994, 0.3900, 0.3812



Tritanopia

63.9257, 0.2908, 0.3095

Trichromacy



Original Color

63.9786, 0.3350, 0.4219

Protanomaly

63.4206, 0.3604, 0.4109

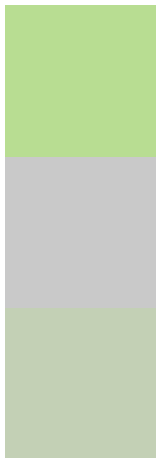
Deuteranomaly

63.2892, 0.3693, 0.3959

Tritanomaly

63.8846, 0.3074, 0.3493

Monochromacy



Original Color

63.9786, 0.3350, 0.4219

Achromatopsia

58.4078, 0.3127, 0.3290

Achromatomaly

60.0500, 0.3218, 0.3619

CSS Examples

Text

The CSS property to change the color of the text to Yxy 63.9786, 0.3350, 0.4219 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(184, 221, 146)` looks like.

```
.text, #text, p{  
    color:rgb(184, 221, 146)  
}
```

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(184, 221, 146) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 221, 146) }
```

Border

The CSS property to change the border of an element to Yxy 63.9786, 0.3350, 0.4219 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(184, 221, 146) }
```

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

```
.border{ border-color:rgb(184, 221, 146) }
```

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

Here you see how a box with a 4 pixel rgb(184, 221, 146) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 221, 146); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 221, 146);  
box-shadow:4px 4px 4px 4px rgb(184, 221,  
146) }
```


Background

The CSS property to change the background color of an element to Yxy 63.9786, 0.3350, 0.4219 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 221, 146) }
```

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

```
.background{ background-color: rgb(184,  
221, 146) }
```

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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