

Converting Colors

$Yxy(60.9670, 0.3373, 0.4162)$

Have a look what the booklet for
Yxy(60.9670, 0.3373, 0.4162)
contains.

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Color

Yxy(60.9595, 0.3377, 0.4166)

Conversions

Conversions Part 1

Format	Color
Hex	B9D791
RGB	185, 215, 145
RGB Percent	73%, 84%, 57%
CMY	0.2746, 0.1568, 0.4313
CMYK	0.14, 0.00, 0.33, 0.16
HSL	86°, 47%, 71%
HSV	86°, 33%, 84%
XYZ	49.4144, 60.9595, 35.9524
YIQ	198.0500, 4.5900, -28.1300

Conversions

Conversions Part 2

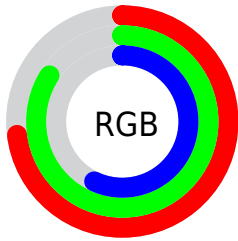
Format	Color
RYB	145, 215, 175
Decimal	12179345
CIELab	82.36, -21.91, 31.35
CIELCh	82, 38.242, 124.949
Yxy	60.9595, 0.3377, 0.4166
Android (android.graphics.Color)	4290369425 (0xFFB9D791)
YUV	198.0500, -26.1536, -11.4448
Hunter-Lab	78.0766, -23.6620, 27.3520

Details

The Yxy color **60.9595, 0.3377, 0.4166** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **34.2794, 0.2800, 0.2394**, and the grayscale version is **56.6628, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.5208, 0.3373, 0.3856**, and **30.7751, 0.3422, 0.4397** is the 20% darker color. If you saturate the color by 10%, you get **59.2501, 0.3442, 0.4457**, and if you desaturate by 10%, it is **62.8742, 0.3304, 0.3880**.

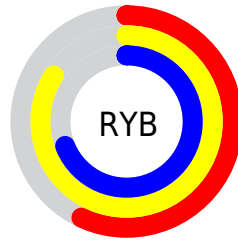
Distribution



Red (73%)

Green (84%)

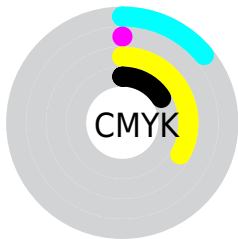
Blue (57%)



Red (57%)

Yellow (84%)

Blue (69%)

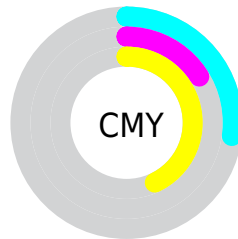


Cyan (14%)

Magenta (0%)

Yellow (33%)

Black (16%)



Cyan (27%)


Magenta (16%)


Yellow (43%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.9595, 0.3377, 0.4166 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 60.9595, 0.3377, 0.4166 by changing the saturation by 10% instead.


 60.9595, 0.3377,
0.4166


 60.9595, 0.3377,
0.4166


428.1255, 0.3269,
0.3733

 44.1925, 0.3399,
0.4271

 106.2203, 0.3342,
0.4011

 30.8219, 0.3423,
0.4404


 135.4829, 0.3327,
0.3952

 20.4632, 0.3451,
0.4578


169.6794, 0.3314,
0.3902

 12.7322, 0.3479,
0.4811

209.1943, 0.3303,
0.3859

 7.2444, 0.3501,
0.5139

254.4120, 0.3293,
0.3821

 3.6154, 0.3526,
0.5683

305.7168, 0.3284,

 1.4608, 0.3438,

0.3788

0.6562

363.4932, 0.3276,
0.3759

0.2609, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

60.9595, 0.3377,
0.4166

60.9595, 0.3377,
0.4166

59.2501, 0.3442,
0.4457

62.8742, 0.3304,
0.3880

57.7295, 0.3494,
0.4742


64.9942, 0.3226,
0.3607

56.3911, 0.3529,
0.5008


67.3295, 0.3147,
0.3352


55.2248, 0.3542,
0.5241

69.8871, 0.3070,
0.3118


 54.2189, 0.3531,
0.5428

 72.6736, 0.2995,
0.2904

 53.3597, 0.3497,
0.5563

 74.4096, 0.3043,
0.2888

 52.7993, 0.3461,
0.5634

 76.0685, 0.3107,
0.2896

 77.0866, 0.3145,
0.2901

Harmonies

Analogous

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



60.9595, 0.3811, 0.4105



60.9595, 0.3377, 0.4166



60.9595, 0.2896, 0.3934

Triad

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



60.9595, 0.3377, 0.4166



60.9595, 0.2257, 0.2668



60.9595, 0.3778, 0.3070

Complementary

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



60.9595, 0.3377, 0.4166



34.2794, 0.2800, 0.2394

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.



60.9595, 0.3310, 0.2751



60.9595, 0.3377, 0.4166



60.9595, 0.2449, 0.2517

Square

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



60.9595, 0.3377, 0.4166



60.9595, 0.2272, 0.3010



60.9595, 0.2823, 0.2553



60.9595, 0.4065, 0.3453

Rectangle

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



60.9595, 0.3377, 0.4166



60.9595, 0.2614, 0.3647



60.9595, 0.2823, 0.2553



60.9595, 0.3634, 0.2954

Sweetspot

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



60.9622, 0.3377, 0.4166



96.4486, 0.3207, 0.3543



46.8335, 0.3762, 0.3647



20.5428, 0.3218, 0.3580



0.0000, 0.0000, 0.0000



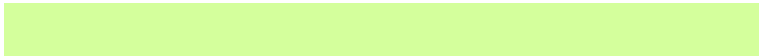
21.4041, 0.3127, 0.3290

Same Dimension

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



60.9622, 0.3377, 0.4166



87.9507, 0.3423, 0.4365



57.2154, 0.3123, 0.4239



14.2423, 0.3201, 0.3525



31.6403, 0.3471, 0.5626



1.9568, 0.3593, 0.5529

Inverse Universe

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



34.2794, 0.2800, 0.2394



42.8823, 0.2712, 0.2186



38.7413, 0.3111, 0.2473



12.2666, 0.3048, 0.3054



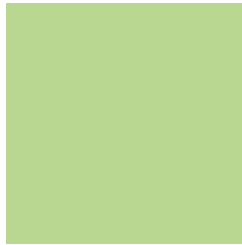
4.3632, 0.1899, 0.0820



0.3115, 0.2095, 0.0928

Previews

White Background



This preview shows how the Yxy color 60.9595, 0.3377, 0.4166 looks on a white background.

Color Contrast Check

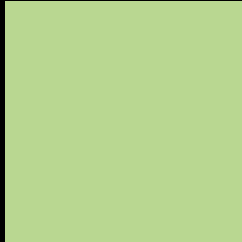
Large Text (above 18pt) WCAG AA × Fail

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 60.9595, 0.3377, 0.4166 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

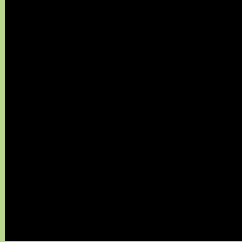
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 60.9595, 0.3377, 0.4166

Background



This preview shows how black text looks on a background with the Yxy color 60.9595, 0.3377, 0.4166.



This preview shows how white text looks on a background with the Yxy color 60.9595, 0.3377, 0.4166.

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

60.9595, 0.3377, 0.4166

Protanopia

60.4810, 0.3733, 0.4016

Deuteranopia

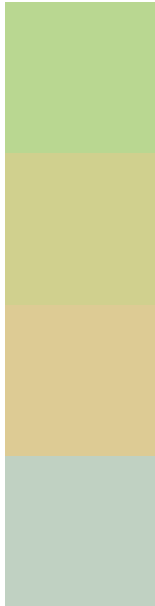
60.5270, 0.3882, 0.3803



Tritanopia

60.6723, 0.2945, 0.3092

Trichromacy



Original Color

60.9595, 0.3377, 0.4166

Protanomaly

60.4746, 0.3602, 0.4076

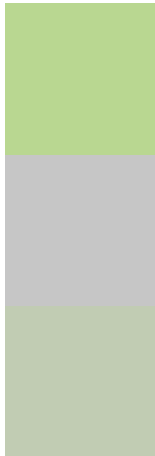
Deuteranomaly

60.2221, 0.3684, 0.3926

Tritanomaly

60.7024, 0.3104, 0.3471

Monochromacy



Original Color

60.9595, 0.3377, 0.4166

Achromatopsia

56.4712, 0.3127, 0.3290

Achromatomaly

57.7779, 0.3221, 0.3598

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.9595, 0.3377, 0.4166 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(185, 215, 145)` looks like.

```
.text, #text, p{  
    color:rgb(185, 215, 145)  
}
```

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(185, 215, 145) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(185, 215, 145) }
```

Border

The CSS property to change the border of an element to Yxy 60.9595, 0.3377, 0.4166 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(185, 215, 145) }
```

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

```
.border{ border-color:rgb(185, 215, 145) }
```

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

Here you see how a box with a 4 pixel rgb(185, 215, 145) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(185, 215, 145); -webkit-box-  
shadow:4px 4px 4px 4px rgb(185, 215, 145);  
box-shadow:4px 4px 4px 4px rgb(185, 215,  
145) }
```


Background

The CSS property to change the background color of an element to Yxy 60.9595, 0.3377, 0.4166 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(185, 215, 145) }
```

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

```
.background{ background-color: rgb(185,  
215, 145) }
```

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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