

Converting Colors

$Yxy(60.2982, 0.3329, 0.4144)$

Have a look what the booklet for
Yxy(60.2982, 0.3329, 0.4144)
contains.

Yxy(60.5312, 0.3333, 0.4149)	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(60.5312, 0.3333, 0.4149)

Conversions

Conversions Part 1

Format	Color
Hex	B5D793
RGB	181, 215, 147
RGB Percent	71%, 84%, 58%
CMY	0.2902, 0.1569, 0.4234
CMYK	0.16, 0.00, 0.32, 0.16
HSL	90°, 46%, 71%
HSV	90°, 32%, 84%
XYZ	48.6263, 60.5312, 36.7360
YIQ	197.0820, 1.5640, -28.3560

Conversions

Conversions Part 2

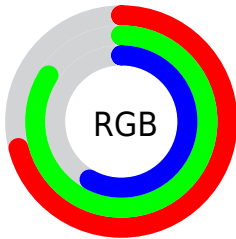
Format	Color
RYB	147, 215, 181
Decimal	11917203
CIELab	82.13, -23.06, 29.95
CIELCh	82, 37.800, 127.595
Yxy	60.5312, 0.3333, 0.4149
Android (android.graphics.Color)	4290107283 (0xFFB5D793)
YUV	197.0820, -24.6904, -14.1039
Hunter-Lab	77.8018, -24.5903, 26.4661

Details

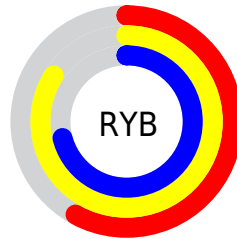
The Yxy color **60.5312, 0.3333, 0.4149** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **35.6094, 0.2854, 0.2433**, and the grayscale version is **56.0418, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.9142, 0.3335, 0.3840**, and **30.4982, 0.3365, 0.4379** is the 20% darker color. If you saturate the color by 10%, you get **58.6704, 0.3387, 0.4448**, and if you desaturate by 10%, it is **62.6237, 0.3271, 0.3858**.

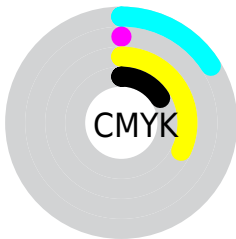
Distribution



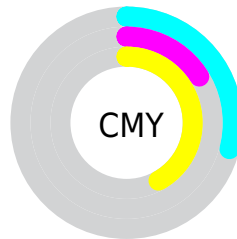
- Red (71%)
- Green (84%)
- Blue (58%)



- Red (58%)
- Yellow (84%)
- Blue (71%)



- Cyan (16%)
- Magenta (0%)
- Yellow (32%)
- Black (16%)





- Cyan (29%)
- Magenta (16%)
- Yellow (42%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.5312, 0.3333, 0.4149 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 60.5312, 0.3333, 0.4149 by changing the saturation by 10% instead.


 60.5312, 0.3333,
0.4149


 60.5312, 0.3333,
0.4149


426.5530, 0.3245,
0.3723

 43.8469, 0.3350,
0.4253


 105.5999, 0.3305,
0.3996

 30.5502, 0.3369,
0.4385


 134.7530, 0.3293,
0.3938

 20.2566, 0.3390,
0.4558


168.8313, 0.3283,
0.3888

 12.5817, 0.3409,
0.4792

208.2191, 0.3274,
0.3846

 7.1411, 0.3420,
0.5124

253.3008, 0.3265,
0.3809

 3.5505, 0.3421,
0.5665

304.4607, 0.3258,

 1.4255, 0.3334,

0.3777

0.6666

362.0833, 0.3251,
0.3749

0.2354, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

60.5312, 0.3333,
0.4149

60.5312, 0.3333,
0.4149

58.6704, 0.3387,
0.4448

62.6237, 0.3271,
0.3858

57.0242, 0.3429,
0.4746

64.9487, 0.3205,
0.3583


55.5851, 0.3454,
0.5027

67.5170, 0.3138,
0.3329

54.3421, 0.3459,
0.5276

70.3363, 0.3072,
0.3097

 53.2827, 0.3442,
0.5480

 73.4140, 0.3008,
0.2888

 52.3924, 0.3403,
0.5628

 75.3277, 0.3079,
0.2892

 51.7572, 0.3359,
0.5715

 77.0814, 0.3145,
0.2900

Harmonies

Analogous

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



60.5312, 0.3773, 0.4114



60.5312, 0.3333, 0.4149



60.5312, 0.2858, 0.3895

Triad

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



60.5312, 0.3333, 0.4149



60.5312, 0.2273, 0.2653



60.5312, 0.3806, 0.3104

Complementary

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



60.5312, 0.3333, 0.4149



35.6094, 0.2854, 0.2433

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.



60.5312, 0.3353, 0.2780



60.5312, 0.3333, 0.4149



60.5312, 0.2481, 0.2520

Square

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



60.5312, 0.3333, 0.4149



60.5312, 0.2269, 0.2976



60.5312, 0.2865, 0.2571



60.5312, 0.4068, 0.3486

Rectangle

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



60.5312, 0.3333, 0.4149



60.5312, 0.2586, 0.3602



60.5312, 0.2865, 0.2571



60.5312, 0.3669, 0.2987

Sweetspot

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



60.5338, 0.3333, 0.4149



96.4969, 0.3188, 0.3517



49.6088, 0.3718, 0.3702



20.5391, 0.3198, 0.3555



0.0000, 0.0000, 0.0000



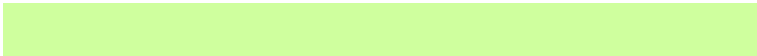
21.4041, 0.3127, 0.3290

Same Dimension

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



60.5338, 0.3333, 0.4149



87.1916, 0.3371, 0.4351



56.9147, 0.3084, 0.4218



14.1978, 0.3190, 0.3526



31.0198, 0.3370, 0.5706



1.9202, 0.3502, 0.5602

Inverse Universe

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



35.6094, 0.2854, 0.2433



44.9097, 0.2779, 0.2233



40.2303, 0.3164, 0.2509



12.3107, 0.3059, 0.3055



4.8865, 0.2029, 0.0891



0.3439, 0.2218, 0.0995

Previews

White Background



This preview shows how the Yxy color 60.5312, 0.3333, 0.4149 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 60.5312, 0.3333, 0.4149 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 60.5312, 0.3333, 0.4149

Background



This preview shows how black text looks on a background with the Yxy color 60.5312, 0.3333, 0.4149.



This preview shows how white text looks on a background with the Yxy color 60.5312, 0.3333, 0.4149.

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

60.5312, 0.3333, 0.4149

Protanopia

60.3544, 0.3717, 0.4007

Deuteranopia

59.9654, 0.3861, 0.3772



Tritanopia

60.6230, 0.2916, 0.3102

Trichromacy



Original Color

60.5312, 0.3333, 0.4149

Protanomaly

60.2472, 0.3572, 0.4057

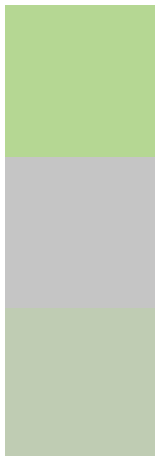
Deuteranomaly

59.5031, 0.3656, 0.3896

Tritanomaly

60.2324, 0.3067, 0.3460

Monochromacy



Original Color

60.5312, 0.3333, 0.4149

Achromatopsia

55.8340, 0.3127, 0.3290

Achromatomaly

57.5168, 0.3205, 0.3600

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.5312, 0.3333, 0.4149 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, 215, 147)` looks like.

```
.text, #text, p{  
    color:rgb(181, 215, 147)  
}
```

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, 215, 147) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 215, 147) }
```

Border

The CSS property to change the border of an element to Yxy 60.5312, 0.3333, 0.4149 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, 215, 147) }
```

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

```
.border{ border-color:rgb(181, 215, 147) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 215, 147)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 215, 147); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 215, 147);  
box-shadow:4px 4px 4px 4px rgb(181, 215,  
147) }
```


Background

The CSS property to change the background color of an element to Yxy 60.5312, 0.3333, 0.4149 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 215, 147) }
```

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

```
.background{ background-color: rgb(181,  
215, 147) }
```

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