

Converting Colors

$Yxy(60.1839, 0.3302, 0.4075)$

Have a look what the booklet for
Yxy(60.1839, 0.3302, 0.4075)
contains.

Yxy(60.1839, 0.3302, 0.4075)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(60.1839, 0.3302, 0.4075)

Conversions

Conversions Part 1

Format	Color
Hex	B5D698
RGB	181, 214, 152
RGB Percent	71%, 84%, 60%
CMY	0.2902, 0.1608, 0.4040
CMYK	0.15, 0.00, 0.29, 0.16
HSL	92°, 43%, 72%
HSV	92°, 29%, 84%
XYZ	48.7674, 60.1839, 38.7392
YIQ	197.0650, 0.2340, -26.2780

Conversions

Conversions Part 2

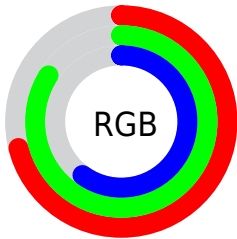
Format	Color
RYB	152, 214, 185
Decimal	11916952
CIELab	81.94, -21.86, 27.14
CIELCh	82, 34.851, 128.855
Yxy	60.1839, 0.3302, 0.4075
Android (android.graphics.Color)	4290107032 (0xFFB5D698)
YUV	197.0650, -22.2170, -14.0890
Hunter-Lab	77.5783, -23.5530, 24.6979

Details

The Yxy color **60.1839, 0.3302, 0.4075** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **37.6151, 0.2899, 0.2515**, and the grayscale version is **56.0123, 0.3127, 0.3290**.

A 20% lighter version of the original color is **94.0295, 0.3293, 0.3779**, and **30.2284, 0.3334, 0.4298** is the 20% darker color. If you saturate the color by 10%, you get **58.2267, 0.3353, 0.4376**, and if you desaturate by 10%, it is **62.3854, 0.3244, 0.3786**.

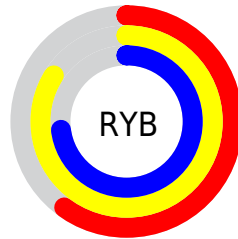
Distribution



Red (71%)

Green (84%)

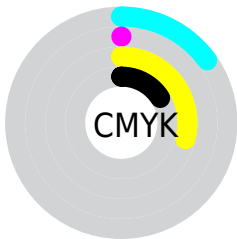
Blue (60%)



Red (60%)

Yellow (84%)

Blue (73%)

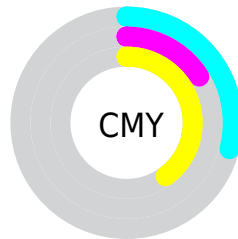


Cyan (15%)

Magenta (0%)

Yellow (29%)

Black (16%)



Cyan (29%)


Magenta (16%)


Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 60.1839, 0.3302, 0.4075 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 60.1839, 0.3302, 0.4075 by changing the saturation by 10% instead.


 60.1839, 0.3302,
0.4075


 60.1839, 0.3302,
0.4075


425.2753, 0.3227,
0.3686

 43.5669, 0.3317,
0.4170


 105.0964, 0.3278,
0.3935

 30.3302, 0.3333,
0.4292


 134.1607, 0.3268,
0.3882

 20.0893, 0.3352,
0.4451


168.1428, 0.3259,
0.3837

 12.4600, 0.3370,
0.4667

207.4272, 0.3251,
0.3798

 7.0578, 0.3382,
0.4977

252.3982, 0.3244,
0.3764

 3.4983, 0.3374,
0.5460

303.4403, 0.3238,

 1.3971, 0.3408,

0.3735

0.6592

360.9379, 0.3232,
0.3709

0.2146, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

60.1839, 0.3302,
0.4075

60.1839, 0.3302,
0.4075

58.2267, 0.3353,
0.4376

62.3854, 0.3244,
0.3786

56.4964, 0.3393,
0.4680

64.8323, 0.3183,
0.3515

54.9854, 0.3418,
0.4972

67.5354, 0.3121,
0.3266

53.6826, 0.3425,
0.5237

70.5029, 0.3060,
0.3040

■ 52.5756, 0.3410,
0.5459

■ 73.4834, 0.3026,
0.2876

■ 51.6500, 0.3374,
0.5626

■ 75.5167, 0.3106,
0.2886

■ 50.8847, 0.3322,
0.5738

■ 76.5771, 0.3146,
0.2891

■ 50.8137, 0.3317,
0.5749

Harmonies

Analogous

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



60.1839, 0.3712, 0.4058



60.1839, 0.3302, 0.4075



60.1839, 0.2863, 0.3830

Triad

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



60.1839, 0.3302, 0.4075



60.1839, 0.2337, 0.2692



60.1839, 0.3769, 0.3134

Complementary

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



60.1839, 0.3302, 0.4075



37.6151, 0.2899, 0.2515

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.



60.1839, 0.3356, 0.2826



60.1839, 0.3302, 0.4075



60.1839, 0.2540, 0.2573

Square

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



60.1839, 0.3302, 0.4075



60.1839, 0.2326, 0.2987



60.1839, 0.2904, 0.2626



60.1839, 0.4001, 0.3491

Rectangle

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



60.1839, 0.3302, 0.4075



60.1839, 0.2613, 0.3559



60.1839, 0.2904, 0.2626



60.1839, 0.3645, 0.3023

Sweetspot

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



60.1865, 0.3302, 0.4075



96.3659, 0.3184, 0.3517



50.8543, 0.3656, 0.3679



20.5069, 0.3193, 0.3556



0.0000, 0.0000, 0.0000



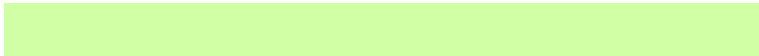
21.4041, 0.3127, 0.3290

Same Dimension

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



60.1865, 0.3302, 0.4075



87.6025, 0.3335, 0.4266



57.0699, 0.3081, 0.4114



14.1779, 0.3186, 0.3526



30.7718, 0.3327, 0.5740



1.9050, 0.3462, 0.5633

Inverse Universe

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



37.6151, 0.2899, 0.2515



48.5842, 0.2836, 0.2329



41.5475, 0.3170, 0.2584



12.3307, 0.3064, 0.3055



5.1544, 0.2093, 0.0927



0.3600, 0.2276, 0.1027

Previews

White Background



This preview shows how the Yxy color 60.1839, 0.3302, 0.4075 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 60.1839, 0.3302, 0.4075 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 60.1839, 0.3302, 0.4075

Background



This preview shows how black text looks on a background with the Yxy color 60.1839, 0.3302, 0.4075.



This preview shows how white text looks on a background with the Yxy color 60.1839, 0.3302, 0.4075.

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

60.1839, 0.3302, 0.4075

Protanopia

59.8785, 0.3675, 0.3941

Deuteranopia

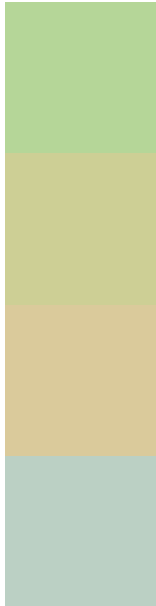
59.7812, 0.3804, 0.3721



Tritanopia

59.9595, 0.2916, 0.3101

Trichromacy



Original Color

60.1839, 0.3302, 0.4075

Protanomaly

59.7747, 0.3531, 0.3988

Deuteranomaly

59.5130, 0.3609, 0.3839

Tritanomaly

59.6621, 0.3053, 0.3436

Monochromacy



Original Color

60.1839, 0.3302, 0.4075

Achromatopsia

55.8340, 0.3127, 0.3290

Achromatomaly

57.1244, 0.3192, 0.3562

CSS Examples

Text

The CSS property to change the color of the text to Yxy 60.1839, 0.3302, 0.4075 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, 214, 152)` looks like.

```
.text, #text, p{  
    color:rgb(181, 214, 152)  
}
```

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, 214, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(181, 214, 152) }
```

Border

The CSS property to change the border of an element to Yxy 60.1839, 0.3302, 0.4075 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, 214, 152) }
```

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

```
.border{ border-color:rgb(181, 214, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(181, 214, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(181, 214, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(181, 214, 152);  
box-shadow:4px 4px 4px 4px rgb(181, 214,  
152) }
```


Background

The CSS property to change the background color of an element to Yxy 60.1839, 0.3302, 0.4075 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(181, 214, 152) }
```

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

```
.background{ background-color: rgb(181,  
214, 152) }
```

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