

Converting Colors

Yxy(67.3511, 0.3333, 0.4188)

Have a look what the booklet for
Yxy(67.3511, 0.3333, 0.4188)
contains.

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Color

Yxy(67.3511, 0.3333, 0.4188)

Conversions

Conversions Part 1

Format	Color
Hex	BCE298
RGB	188, 226, 152
RGB Percent	74%, 89%, 60%
CMY	0.2627, 0.1137, 0.4040
CMYK	0.17, 0.00, 0.33, 0.11
HSL	91°, 56%, 74%
HSV	91°, 33%, 89%
XYZ	53.6011, 67.3511, 39.8671
YIQ	206.2020, 1.1060, -31.0700

Conversions

Conversions Part 2

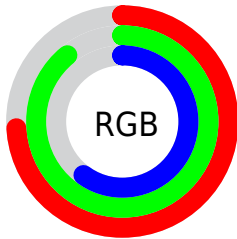
Format	Color
RYB	152, 226, 190
Decimal	12378776
CIELab	85.68, -25.19, 32.23
CIELCh	86, 40.905, 128.005
Yxy	67.3511, 0.3333, 0.4188
Android (android.graphics.Color)	4290568856 (0xFFBCE298)
YUV	206.2020, -26.7216, -15.9632
Hunter-Lab	82.0677, -27.0344, 28.6453

Details

The Yxy color **67.3511, 0.3333, 0.4188** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **38.8822, 0.2849, 0.2399**, and the grayscale version is **62.0317, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.4375, 0.3346, 0.3771**, and **35.1143, 0.3369, 0.4432** is the 20% darker color. If you saturate the color by 10%, you get **65.2681, 0.3384, 0.4490**, and if you desaturate by 10%, it is **69.6995, 0.3274, 0.3894**.

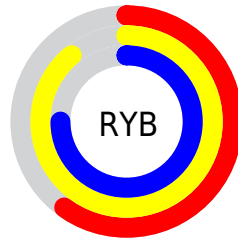
Distribution



Red (74%)

Green (89%)

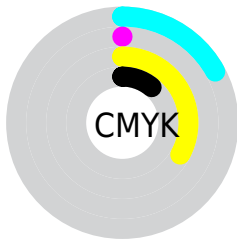
Blue (60%)



Red (60%)

Yellow (89%)

Blue (75%)

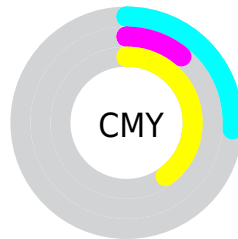


Cyan (17%)

Magenta (0%)

Yellow (33%)

Black (11%)



Cyan (26%)


Magenta (11%)


Yellow (40%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 67.3511, 0.3333, 0.4188 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 67.3511, 0.3333, 0.4188 by changing the saturation by 10% instead.


 67.3511, 0.3333,
0.4188

 67.3511, 0.3333,
0.4188


451.1935, 0.3248,
0.3750

 49.3700, 0.3349,
0.4293


 115.4234, 0.3306,
0.4032

 34.9131, 0.3366,
0.4425


 146.2833, 0.3295,
0.3973

 23.5959, 0.3384,
0.4595


182.2050, 0.3285,
0.3922

 15.0342, 0.3400,
0.4822

223.5729, 0.3276,
0.3878

 8.8434, 0.3407,
0.5138

270.7712, 0.3268,
0.3840

 4.6392, 0.3383,
0.5600

324.1845, 0.3261,

 2.0371, 0.3402,

0.3806

0.6598

384.1972, 0.3254,
0.3777

0.6289, 0.0000,
1.0000

0.0000, 0.0000,
0.0000

67.3511, 0.3333,
0.4188

67.3511, 0.3333,
0.4188

65.2681, 0.3384,
0.4490

69.6995, 0.3274,
0.3894

63.4308, 0.3421,
0.4789


72.3147, 0.3210,
0.3615


61.8306, 0.3442,
0.5070


75.2089, 0.3145,
0.3357

60.4545, 0.3443,
0.5317


78.3912, 0.3080,
0.3122

 59.2880, 0.3421,
0.5516

 81.2110, 0.3079,
0.3004

 58.3140, 0.3379,
0.5658

 82.8764, 0.3140,
0.3009

 57.7108, 0.3339,
0.5731

Harmonies

Analogous

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



67.3511, 0.3794, 0.4151



67.3511, 0.3333, 0.4188



67.3511, 0.2839, 0.3918

Triad

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



67.3511, 0.3333, 0.4188



67.3511, 0.2240, 0.2622



67.3511, 0.3842, 0.3101

Complementary

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



67.3511, 0.3333, 0.4188



38.8822, 0.2849, 0.2399

Split Complementary

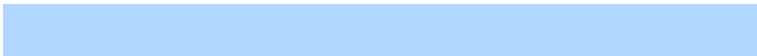
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



67.3511, 0.3369, 0.2763



67.3511, 0.3333, 0.4188



67.3511, 0.2458, 0.2488

Square

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



67.3511, 0.3333, 0.4188



67.3511, 0.2233, 0.2955



67.3511, 0.2860, 0.2544



67.3511, 0.4112, 0.3497

Rectangle

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



67.3511, 0.3333, 0.4188



67.3511, 0.2557, 0.3609



67.3511, 0.2860, 0.2544



67.3511, 0.3699, 0.2978

Sweetspot

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



67.3540, 0.3333, 0.4188



96.0665, 0.3193, 0.3544



54.8262, 0.3746, 0.3719



20.4503, 0.3202, 0.3581



0.0000, 0.0000, 0.0000



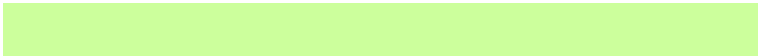
21.4041, 0.3127, 0.3290

Same Dimension

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



67.3540, 0.3333, 0.4188



86.7353, 0.3367, 0.4384



63.3350, 0.3082, 0.4261



15.6629, 0.3189, 0.3527



32.9920, 0.3350, 0.5722



2.3400, 0.3469, 0.5628

Inverse Universe

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



38.8822, 0.2849, 0.2399



44.0541, 0.2778, 0.2206



44.1081, 0.3165, 0.2479



13.5875, 0.3061, 0.3053



5.3224, 0.2053, 0.0905



0.4222, 0.2218, 0.0996

Previews

White Background



This preview shows how the Yxy color 67.3511, 0.3333, 0.4188 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 67.3511, 0.3333, 0.4188 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 67.3511, 0.3333, 0.4188

Background



This preview shows how black text looks on a background with the Yxy color 67.3511, 0.3333, 0.4188.

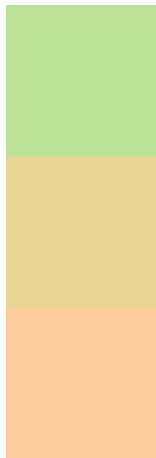


This preview shows how white text looks on a background with the Yxy color 67.3511, 0.3333, 0.4188.

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

67.3511, 0.3333, 0.4188

Protanopia

67.1886, 0.3734, 0.4029

Deuteranopia

66.9796, 0.3874, 0.3792



Tritanopia

67.2743, 0.2906, 0.3099

Trichromacy



Original Color

67.3511, 0.3333, 0.4188

Protanomaly

66.7598, 0.3579, 0.4083

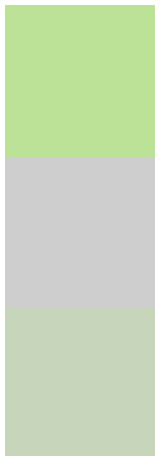
Deuteranomaly

66.6131, 0.3665, 0.3936

Tritanomaly

67.2818, 0.3062, 0.3477

Monochromacy



Original Color

67.3511, 0.3333, 0.4188

Achromatopsia

61.7207, 0.3127, 0.3290

Achromatomaly

63.2758, 0.3209, 0.3612

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.3511, 0.3333, 0.4188 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(188, 226, 152)` looks like.

```
.text, #text, p{  
    color:rgb(188, 226, 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(188, 226, 152) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(188, 226, 152) }
```

Border

The CSS property to change the border of an element to Yxy 67.3511, 0.3333, 0.4188 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(188, 226, 152) }
```

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

```
.border{ border-color:rgb(188, 226, 152) }
```

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

Here you see how a box with a 4 pixel `rgb(188, 226, 152)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(188, 226, 152); -webkit-box-  
shadow:4px 4px 4px 4px rgb(188, 226, 152);  
box-shadow:4px 4px 4px 4px rgb(188, 226,  
152) }
```


Background

The CSS property to change the background color of an element to Yxy 67.3511, 0.3333, 0.4188 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(188, 226, 152) }
```

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

```
.background{ background-color: rgb(188,  
226, 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](#).

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