

Converting Colors

$Yxy(67.2776, 0.3314, 0.4086)$

Have a look what the booklet for
Yxy(67.2776, 0.3314, 0.4086)
contains.

Yxy(67.4300, 0.3313, 0.4086)	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(67.4300, 0.3313, 0.4086)

Conversions

Conversions Part 1

Format	Color
Hex	BFE19F
RGB	191, 225, 159
RGB Percent	75%, 88%, 62%
CMY	0.2509, 0.1177, 0.3766
CMYK	0.15, 0.00, 0.29, 0.12
HSL	91°, 52%, 75%
HSV	91°, 29%, 88%
XYZ	54.6734, 67.4300, 42.9235
YIQ	207.3100, 0.9220, -27.7340

Conversions

Conversions Part 2

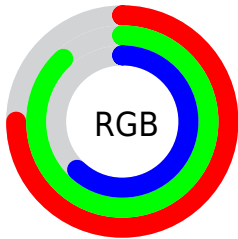
Format	Color
RYB	159, 225, 193
Decimal	12575135
CIELab	85.72, -22.62, 28.73
CIELCh	86, 36.569, 128.213
Yxy	67.4300, 0.3313, 0.4086
Android (android.graphics.Color)	4290765215 (0xFFBFE19F)
YUV	207.3100, -23.8168, -14.3039
Hunter-Lab	82.1158, -24.8557, 26.4890

Details

The Yxy color **67.4300, 0.3313, 0.4086** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **41.5549, 0.2885, 0.2500**, and the grayscale version is **62.7672, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.3315, 0.3324, 0.3697**, and **35.1294, 0.3346, 0.4299** is the 20% darker color. If you saturate the color by 10%, you get **65.2794, 0.3367, 0.4387**, and if you desaturate by 10%, it is **69.8473, 0.3252, 0.3796**.

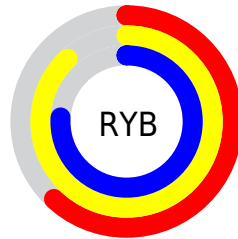
Distribution



Red (75%)

Green (88%)

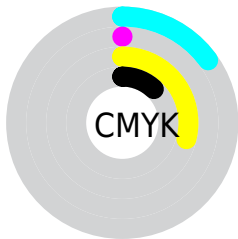
Blue (62%)



Red (62%)

Yellow (88%)

Blue (76%)

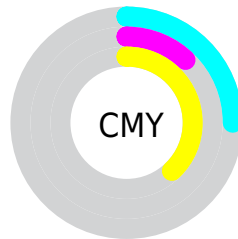


Cyan (15%)

Magenta (0%)

Yellow (29%)

Black (12%)



Cyan (25%)


Magenta (12%)

Yellow (38%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 67.4300, 0.3313, 0.4086 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 67.4300, 0.3313, 0.4086 by changing the saturation by 10% instead.


 67.4300, 0.3313,
0.4086

 67.4300, 0.3313,
0.4086


451.4738, 0.3235,
0.3699

 49.4342, 0.3328,
0.4179


 115.5363, 0.3288,
0.3948

 34.9640, 0.3345,
0.4295

 146.4156, 0.3278,
0.3896

 23.6351, 0.3364,
0.4446


182.3582, 0.3268,
0.3851

 15.0632, 0.3384,
0.4648

223.7484, 0.3260,
0.3812

 8.8637, 0.3399,
0.4930

270.9707, 0.3253,
0.3778

 4.6524, 0.3394,
0.5345


324.4094, 0.3246,

 2.0448, 0.3559,

0.3749

0.6441

384.4490, 0.3240,
0.3722

 0.6333, 0.0728,
0.9272


 0.0000, 0.0000,
0.0000


 67.4300, 0.3313,
0.4086


 67.4300, 0.3313,
0.4086

 65.2794, 0.3367,
0.4387


 69.8473, 0.3252,
0.3796


 63.3761, 0.3409,
0.4688


 72.5323, 0.3188,
0.3525


 61.7120, 0.3436,
0.4977


 75.4970, 0.3123,
0.3274


 60.2746, 0.3444,
0.5238


 78.7503, 0.3059,
0.3047


 59.0501, 0.3430,
0.5455

 81.1932, 0.3099,
0.2995

 58.0227, 0.3394,
0.5617

 82.3299, 0.3141,
0.2999

 57.1684, 0.3341,
0.5725

 57.1165, 0.3338,
0.5732

Harmonies

Analogous

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



67.4300, 0.3725, 0.4063



67.4300, 0.3313, 0.4086



67.4300, 0.2869, 0.3844

Triad

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



67.4300, 0.3313, 0.4086



67.4300, 0.2327, 0.2691



67.4300, 0.3768, 0.3125

Complementary

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



67.4300, 0.3313, 0.4086



41.5549, 0.2885, 0.2500

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.



67.4300, 0.3348, 0.2816



67.4300, 0.3313, 0.4086



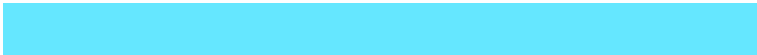
67.4300, 0.2528, 0.2566

Square

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



67.4300, 0.3313, 0.4086



67.4300, 0.2320, 0.2992



67.4300, 0.2892, 0.2617



67.4300, 0.4007, 0.3485

Rectangle

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



67.4300, 0.3313, 0.4086



67.4300, 0.2615, 0.3572



67.4300, 0.2892, 0.2617



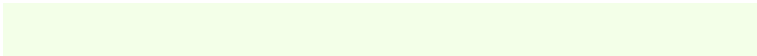
67.4300, 0.3642, 0.3013

Sweetspot

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



67.4329, 0.3313, 0.4086



96.4381, 0.3186, 0.3517



56.2040, 0.3669, 0.3673



20.5246, 0.3196, 0.3556



0.0000, 0.0000, 0.0000



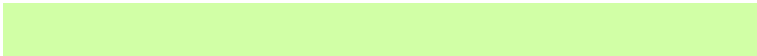
21.4041, 0.3127, 0.3290

Same Dimension

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



67.4329, 0.3313, 0.4086



87.8315, 0.3346, 0.4263



63.7210, 0.3087, 0.4144



15.6622, 0.3189, 0.3527



32.9825, 0.3349, 0.5723



2.3393, 0.3467, 0.5629

Inverse Universe

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



41.5549, 0.2885, 0.2500



48.3492, 0.2823, 0.2326



46.2322, 0.3161, 0.2562



13.5883, 0.3061, 0.3053



5.3325, 0.2055, 0.0906



0.4229, 0.2220, 0.0997

Previews

White Background



This preview shows how the Yxy color 67.4300, 0.3313, 0.4086 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 67.4300, 0.3313, 0.4086 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 67.4300, 0.3313, 0.4086

Background



This preview shows how black text looks on a background with the Yxy color 67.4300, 0.3313, 0.4086.

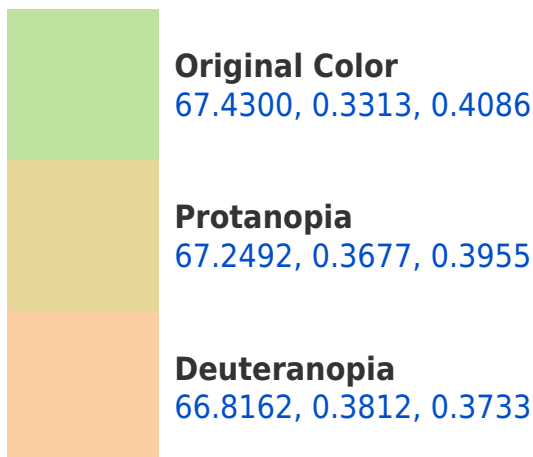


This preview shows how white text looks on a background with the Yxy color 67.4300, 0.3313, 0.4086.

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





Tritanopia

67.5515, 0.2919, 0.3099

Trichromacy



Original Color

67.4300, 0.3313, 0.4086

Protanomaly

67.1420, 0.3539, 0.4001

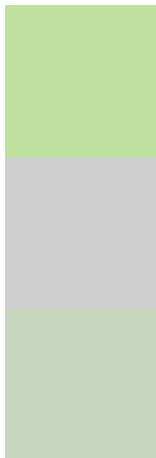
Deuteranomaly

66.3536, 0.3618, 0.3848

Tritanomaly

67.1250, 0.3063, 0.3441

Monochromacy



Original Color

67.4300, 0.3313, 0.4086

Achromatopsia

62.3960, 0.3127, 0.3290

Achromatomaly

64.2283, 0.3195, 0.3573

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.4300, 0.3313, 0.4086 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(191, 225, 159)` looks like.

```
.text, #text, p{  
    color:rgb(191, 225, 159)  
}
```

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(191, 225, 159) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 225, 159) }
```

Border

The CSS property to change the border of an element to Yxy 67.4300, 0.3313, 0.4086 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(191, 225, 159) }
```

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

```
.border{ border-color:rgb(191, 225, 159) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 225, 159)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 225, 159); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 225, 159);  
box-shadow:4px 4px 4px 4px rgb(191, 225,  
159) }
```


Background

The CSS property to change the background color of an element to Yxy 67.4300, 0.3313, 0.4086 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 225, 159) }
```

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

```
.background{ background-color: rgb(191,  
225, 159) }
```

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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