

Converting Colors

$Yxy(67.9871, 0.3255, 0.3987)$

Have a look what the booklet for
Yxy(67.9871, 0.3255, 0.3987)
contains.

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Color

Yxy(68.2962, 0.3254, 0.3986)

Conversions

Conversions Part 1

Format	Color
Hex	BFE2A8
RGB	191, 226, 168
RGB Percent	75%, 89%, 66%
CMY	0.2509, 0.1137, 0.3412
CMYK	0.15, 0.00, 0.26, 0.11
HSL	96°, 50%, 77%
HSV	96°, 26%, 89%
XYZ	55.7541, 68.2962, 47.2899
YIQ	208.9230, -2.2420, -25.4580

Conversions

Conversions Part 2

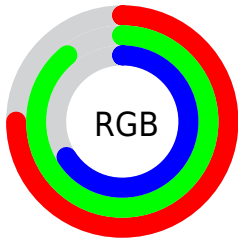
Format	Color
RYB	168, 226, 203
Decimal	12575400
CIELab	86.15, -21.77, 24.67
CIELCh	86, 32.899, 131.427
Yxy	68.2962, 0.3254, 0.3986
Android (android.graphics.Color)	4290765480 (0xFFBFE2A8)
YUV	208.9230, -20.1750, -15.7185
Hunter-Lab	82.6415, -24.1976, 23.9216

Details

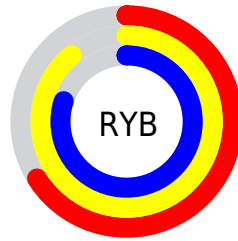
The Yxy color **68.2962, 0.3254, 0.3986** is a light color, and the websafe version is hex **99CC99**. A complement of this color would be **46.1909, 0.2964, 0.2615**, and the grayscale version is **63.8468, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.8042, 0.3270, 0.3606**, and **35.7051, 0.3272, 0.4168** is the 20% darker color. If you saturate the color by 10%, you get **65.8427, 0.3296, 0.4292**, and if you desaturate by 10%, it is **71.0665, 0.3206, 0.3697**.

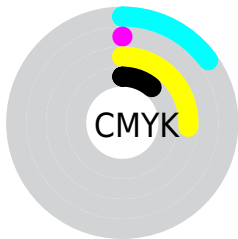
Distribution



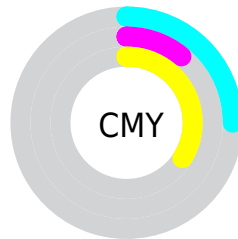
- Red (75%)
- Green (89%)
- Blue (66%)



- Red (66%)
- Yellow (89%)
- Blue (80%)



- Cyan (15%)
- Magenta (0%)
- Yellow (26%)
- Black (11%)



- Cyan (25%)
- Magenta (11%)
- Yellow (34%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 68.2962, 0.3254, 0.3986 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 68.2962, 0.3254, 0.3986 by changing the saturation by 10% instead.

68.2962, 0.3254,
0.3986

68.2962, 0.3254,
0.3986

454.5448, 0.3202,
0.3649

50.1387, 0.3264,
0.4067

116.7758, 0.3237,
0.3866

35.5237, 0.3275,
0.4168

147.8667, 0.3230,
0.3820

24.0665, 0.3287,
0.4300

184.0375, 0.3224,
0.3781

15.3830, 0.3300,
0.4477

225.6727, 0.3219,
0.3747

9.0886, 0.3309,
0.4725

273.1567, 0.3214,
0.3718

4.7990, 0.3303,
0.5097


326.8737, 0.3209,

2.1298, 0.3401,

0.3692

0.5974


387.2083, 0.3205,
0.3669

 0.6813, 0.1457,
0.8543


 0.0000, 0.0000,
0.0000


 68.2962, 0.3254,
0.3986


 68.2962, 0.3254,
0.3986

 65.8427, 0.3296,
0.4292


 71.0665, 0.3206,
0.3697


 63.6851, 0.3329,
0.4607

 74.1560, 0.3156,
0.3430

 61.8133, 0.3349,
0.4916

 77.5784, 0.3105,
0.3188

 60.2135, 0.3352,
0.5204

 81.1227, 0.3076,
0.3003

■ 58.8701, 0.3337,
0.5452

■ 82.8727, 0.3140,
0.3009

■ 57.7658, 0.3303,
0.5645

■ 56.8800, 0.3253,
0.5775

■ 56.5514, 0.3229,
0.5818

Harmonies

Analogous

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



68.2962, 0.3632, 0.3996



68.2962, 0.3254, 0.3986



68.2962, 0.2858, 0.3748

Triad

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



68.2962, 0.3254, 0.3986



68.2962, 0.2416, 0.2732



68.2962, 0.3733, 0.3177

Complementary

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



68.2962, 0.3254, 0.3986



46.1909, 0.2964, 0.2615

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.



68.2962, 0.3371, 0.2888



68.2962, 0.3254, 0.3986



68.2962, 0.2616, 0.2634

Square

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



68.2962, 0.3254, 0.3986



68.2962, 0.2391, 0.2990



68.2962, 0.2959, 0.2694



68.2962, 0.3924, 0.3506

Rectangle

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



68.2962, 0.3254, 0.3986



68.2962, 0.2636, 0.3500



68.2962, 0.2959, 0.2694



68.2962, 0.3626, 0.3074

Sweetspot

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



68.2992, 0.3254, 0.3986



96.4959, 0.3168, 0.3492



61.6139, 0.3574, 0.3686



20.5198, 0.3176, 0.3531



0.0000, 0.0000, 0.0000



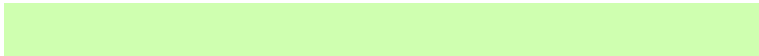
21.4041, 0.3127, 0.3290

Same Dimension

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



68.2992, 0.3254, 0.3986



87.9650, 0.3278, 0.4154



65.7661, 0.3058, 0.3946



15.6013, 0.3175, 0.3528



32.3271, 0.3240, 0.5809



2.2917, 0.3362, 0.5713

Inverse Universe

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



46.1909, 0.2964, 0.2615



54.0384, 0.2919, 0.2458



49.3528, 0.3205, 0.2712



13.6501, 0.3075, 0.3054



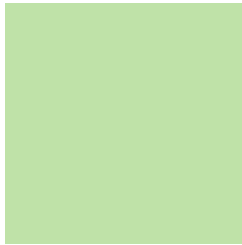
6.2038, 0.2242, 0.1009



0.4816, 0.2389, 0.1090

Previews

White Background



This preview shows how the Yxy color 68.2962, 0.3254, 0.3986 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 68.2962, 0.3254, 0.3986 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

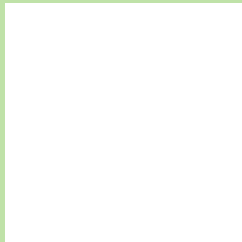
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 68.2962, 0.3254, 0.3986

Background



This preview shows how black text looks on a background with the Yxy color 68.2962, 0.3254, 0.3986.

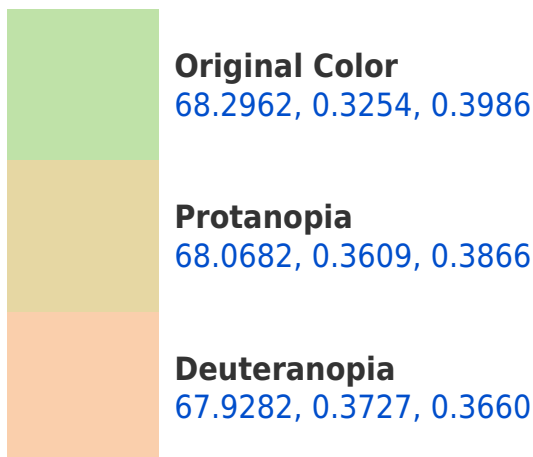


This preview shows how white text looks on a background with the Yxy color 68.2962, 0.3254, 0.3986.

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

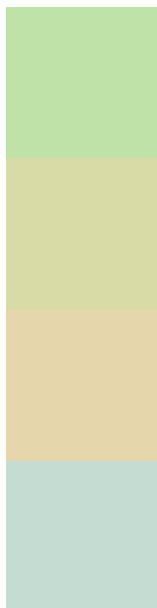




Tritanopia

67.9837, 0.2907, 0.3099

Trichromacy



Original Color

68.2962, 0.3254, 0.3986

Protanomaly

67.9786, 0.3475, 0.3908

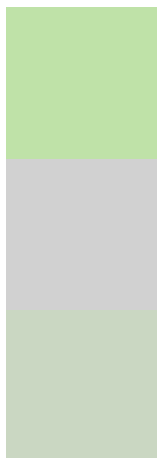
Deuteranomaly

67.6914, 0.3547, 0.3768

Tritanomaly

67.7099, 0.3030, 0.3405

Monochromacy



Original Color

68.2962, 0.3254, 0.3986

Achromatopsia

63.7597, 0.3127, 0.3290

Achromatomaly

65.0525, 0.3174, 0.3536

CSS Examples

Text

The CSS property to change the color of the text to Yxy 68.2962, 0.3254, 0.3986 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, 226, 168)` looks like.

```
.text, #text, p{  
    color:rgb(191, 226, 168)  
}
```

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, 226, 168) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(191, 226, 168) }
```

Border

The CSS property to change the border of an element to Yxy 68.2962, 0.3254, 0.3986 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, 226, 168) }
```

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

```
.border{ border-color:rgb(191, 226, 168) }
```

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

Here you see how a box with a 4 pixel `rgb(191, 226, 168)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(191, 226, 168); -webkit-box-  
shadow:4px 4px 4px 4px rgb(191, 226, 168);  
box-shadow:4px 4px 4px 4px rgb(191, 226,  
168) }
```


Background

The CSS property to change the background color of an element to Yxy 68.2962, 0.3254, 0.3986 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(191, 226, 168) }
```

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

```
.background{ background-color: rgb(191,  
226, 168) }
```

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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