

Converting Colors

Yxy(68.6349, 0.3241, 0.3746)

Have a look what the booklet for
Yxy(68.6349, 0.3241, 0.3746)
contains.

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Color

Yxy(68.9326, 0.3241, 0.3744)

Conversions

Conversions Part 1

Format	Color
Hex	CBDFB8
RGB	203, 223, 184
RGB Percent	80%, 87%, 72%
CMY	0.2039, 0.1255, 0.2784
CMYK	0.09, 0.00, 0.17, 0.13
HSL	91°, 38%, 80%
HSV	91°, 17%, 87%
XYZ	59.6716, 68.9326, 55.5106
YIQ	212.5740, 0.5990, -16.3690

Conversions

Conversions Part 2

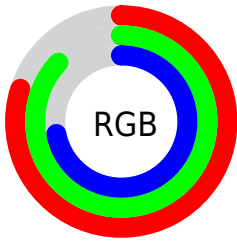
Format	Color
RYB	184, 223, 204
Decimal	13361080
CIELab	86.47, -13.55, 16.90
CIELCh	86, 21.662, 128.720
Yxy	68.9326, 0.3241, 0.3744
Android (android.graphics.Color)	4291551160 (0xFFCDBDFB8)
YUV	212.5740, -14.0870, -8.3964
Hunter-Lab	83.0257, -17.0046, 18.4769

Details

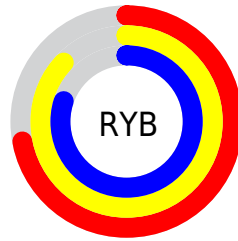
The Yxy color **68.9326, 0.3241, 0.3744** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **52.4479, 0.2995, 0.2838**, and the grayscale version is **66.3393, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.0713, 0.3214, 0.3434**, and **36.0335, 0.3267, 0.3860** is the 20% darker color. If you saturate the color by 10%, you get **66.5267, 0.3303, 0.4031**, and if you desaturate by 10%, it is **71.6102, 0.3176, 0.3476**.

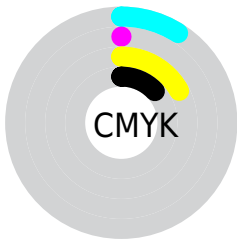
Distribution



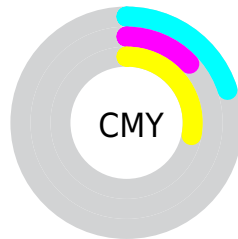
- Red (80%)
- Green (87%)
- Blue (72%)



- Red (72%)
- Yellow (87%)
- Blue (80%)



- Cyan (9%)
- Magenta (0%)
- Yellow (17%)
- Black (13%)




- Cyan (20%)
- Magenta (13%)
- Yellow (28%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 68.9326, 0.3241, 0.3744 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 68.9326, 0.3241, 0.3744 by changing the saturation by 10% instead.


 68.9326, 0.3241,
0.3744

 68.9326, 0.3241,
0.3744

456.7932, 0.3191,
0.3527

 50.6568, 0.3252,
0.3795


 117.6853, 0.3224,
0.3667

 35.9356, 0.3265,
0.3860


148.9310, 0.3217,
0.3638

 24.3844, 0.3281,
0.3943


185.2688, 0.3211,
0.3613

 15.6190, 0.3300,
0.4054

227.0831, 0.3206,
0.3591

 9.2550, 0.3325,
0.4210

274.7583, 0.3202,
0.3572

 4.9079, 0.3354,
0.4444

328.6788, 0.3197,

 2.1933, 0.3388,

0.3555

0.4839

389.2290, 0.3194,
0.3540

0.7163, 0.3283,
0.6717

0.0000, 0.0000,
0.0000

68.9326, 0.3241,
0.3744

68.9326, 0.3241,
0.3744

66.5267, 0.3303,
0.4031

71.6102, 0.3176,
0.3476

64.3741, 0.3359,
0.4330

74.5594, 0.3111,
0.3230

62.4678, 0.3404,
0.4631

77.7917, 0.3047,
0.3008

60.7969, 0.3434,
0.4923

80.0863, 0.3099,
0.2975

■ 59.3496, 0.3446,
0.5190

■ 81.2558, 0.3142,
0.2980

■ 58.1127, 0.3436,
0.5416

■ 57.0712, 0.3405,
0.5589

■ 56.2057, 0.3354,
0.5705

■ 56.0088, 0.3341,
0.5729

Harmonies

Analogous

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



68.9326, 0.3483, 0.3748



68.9326, 0.3241, 0.3744



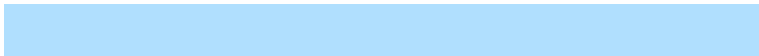
68.9326, 0.2976, 0.3602

Triad

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



68.9326, 0.3241, 0.3744



68.9326, 0.2643, 0.2935



68.9326, 0.3506, 0.3200

Complementary

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



68.9326, 0.3241, 0.3744



52.4479, 0.2995, 0.2838

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.



68.9326, 0.3266, 0.3005



68.9326, 0.3241, 0.3744



68.9326, 0.2772, 0.2852

Square

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



68.9326, 0.3241, 0.3744



68.9326, 0.2638, 0.3121



68.9326, 0.2997, 0.2880



68.9326, 0.3642, 0.3424

Rectangle

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



68.9326, 0.3241, 0.3744



68.9326, 0.2821, 0.3451



68.9326, 0.2997, 0.2880



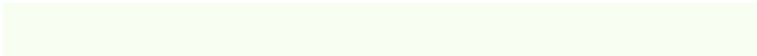
68.9326, 0.3434, 0.3130

Sweetspot

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



68.9356, 0.3241, 0.3744



97.9875, 0.3160, 0.3414



62.0994, 0.3425, 0.3512



20.9145, 0.3165, 0.3432



0.0000, 0.0000, 0.0000



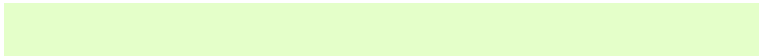
21.4041, 0.3127, 0.3290

Same Dimension

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



68.9356, 0.3241, 0.3744



92.1796, 0.3264, 0.3847



66.4280, 0.3105, 0.3763



15.6635, 0.3189, 0.3527



32.9988, 0.3352, 0.5721



2.3405, 0.3470, 0.5627

Inverse Universe

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



52.4479, 0.2995, 0.2838



65.8441, 0.2963, 0.2735



55.2998, 0.3147, 0.2858



13.5869, 0.3060, 0.3053



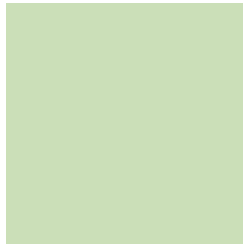
5.3150, 0.2051, 0.0904



0.4217, 0.2217, 0.0995

Previews

White Background



This preview shows how the Yxy color 68.9326, 0.3241, 0.3744 looks on a white background.

Color Contrast Check

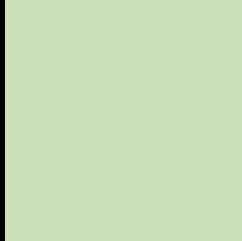
Large Text (above 18pt) WCAG AA × Fail

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 68.9326, 0.3241, 0.3744 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

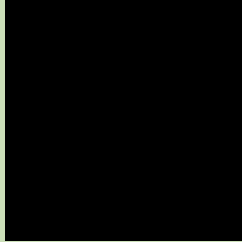
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

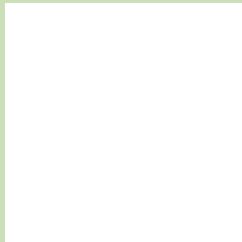
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 68.9326, 0.3241, 0.3744

Background



This preview shows how black text looks on a background with the Yxy color 68.9326, 0.3241, 0.3744.



This preview shows how white text looks on a background with the Yxy color 68.9326, 0.3241, 0.3744.

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

68.9326, 0.3241, 0.3744

Protanopia

68.9010, 0.3469, 0.3689

Deuteranopia

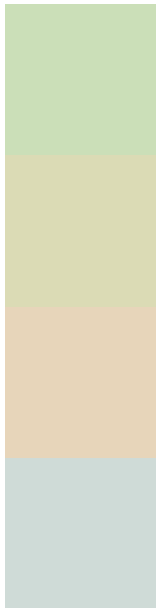
68.4738, 0.3586, 0.3513



Tritanopia

68.6966, 0.2974, 0.3103

Trichromacy



Original Color

68.9326, 0.3241, 0.3744

Protanomaly

69.0593, 0.3387, 0.3719

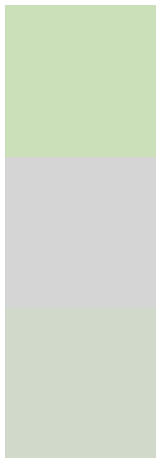
Deuteranomaly

68.1226, 0.3455, 0.3588

Tritanomaly

68.8347, 0.3068, 0.3335

Monochromacy



Original Color

68.9326, 0.3241, 0.3744

Achromatopsia

66.5387, 0.3127, 0.3290

Achromatomaly

67.4453, 0.3170, 0.3461

CSS Examples

Text

The CSS property to change the color of the text to Yxy 68.9326, 0.3241, 0.3744 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(203, 223, 184)` looks like.

```
.text, #text, p{  
    color:rgb(203, 223, 184)  
}
```

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(203, 223, 184) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(203, 223, 184) }
```

Border

The CSS property to change the border of an element to Yxy 68.9326, 0.3241, 0.3744 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(203, 223, 184) }
```

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

```
.border{ border-color:rgb(203, 223, 184) }
```

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

Here you see how a box with a 4 pixel `rgb(203, 223, 184)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(203, 223, 184); -webkit-box-shadow:4px 4px 4px 4px rgb(203, 223, 184); box-shadow:4px 4px 4px 4px rgb(203, 223, 184) }
```


Background

The CSS property to change the background color of an element to Yxy 68.9326, 0.3241, 0.3744 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(203, 223, 184) }
```

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

```
.background{ background-color: rgb(203,  
223, 184) }
```

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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