

Converting Colors

Yxy(67.2636, 0.3190, 0.3753)

Have a look what the booklet for
Yxy(67.2636, 0.3190, 0.3753)
contains.

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Color

Yxy(67.2636, 0.3190, 0.3753)

Conversions

Conversions Part 1

Format	Color
Hex	C3DEB7
RGB	195, 222, 183
RGB Percent	76%, 87%, 72%
CMY	0.2354, 0.1294, 0.2822
CMYK	0.12, 0.00, 0.18, 0.13
HSL	102°, 37%, 79%
HSV	102°, 18%, 87%
XYZ	57.1732, 67.2636, 54.7895
YIQ	209.4810, -3.5730, -17.8530

Conversions

Conversions Part 2

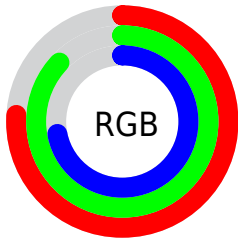
Format	Color
R _{YB}	183, 222, 210
Decimal	12836535
CIE Lab	85.64, -16.02, 16.16
CIE LCh	86, 22.751, 134.748
Yxy	67.2636, 0.3190, 0.3753
Android (android.graphics.Color)	4291026615 (0xFFC3DEB7)
YUV	209.4810, -13.0551, -12.6998
Hunter-Lab	82.0144, -19.0908, 17.8016

Details

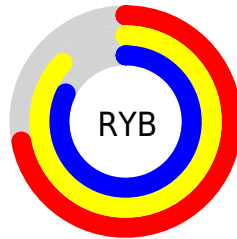
The Yxy color **67.2636, 0.3190, 0.3753** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **52.8685, 0.3051, 0.2844**, and the grayscale version is **64.1808, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.4474, 0.3201, 0.3445**, and **34.9119, 0.3201, 0.3876** is the 20% darker color. If you saturate the color by 10%, you get **64.4673, 0.3222, 0.4052**, and if you desaturate by 10%, it is **70.4230, 0.3155, 0.3479**.

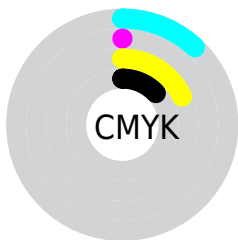
Distribution



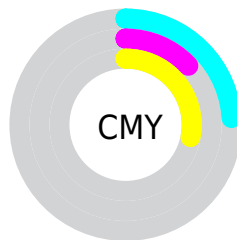
- Red (76%)
- Green (87%)
- Blue (72%)



- Red (72%)
- Yellow (87%)
- Blue (82%)



- Cyan (12%)
- Magenta (0%)
- Yellow (18%)
- Black (13%)





- Cyan (24%)
- Magenta (13%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 67.2636, 0.3190, 0.3753 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 67.2636, 0.3190, 0.3753 by changing the saturation by 10% instead.

 67.2636, 0.3190,
0.3753

 67.2636, 0.3190,
0.3753


450.8825, 0.3164,
0.3530

 49.2989, 0.3195,
0.3806


 115.2980, 0.3181,
0.3674

 34.8566, 0.3201,
0.3873


146.1366, 0.3178,
0.3643

 23.5525, 0.3208,
0.3960


182.0351, 0.3175,
0.3618

 15.0020, 0.3216,
0.4077

223.3781, 0.3172,
0.3595

 8.8208, 0.3223,
0.4243

270.5500, 0.3170,
0.3576

 4.6245, 0.3228,
0.4495

323.9350, 0.3167,

 2.0287, 0.3225,

0.3559

0.4937

383.9177, 0.3165,
0.3543

0.6240, 0.2447,
0.7553

0.0000, 0.0000,
0.0000

67.2636, 0.3190,
0.3753

67.2636, 0.3190,
0.3753

64.4673, 0.3222,
0.4052

70.4230, 0.3155,
0.3479

62.0122, 0.3248,
0.4369

73.9494, 0.3118,
0.3232

59.8872, 0.3266,
0.4695

77.8574, 0.3082,
0.3012

58.0772, 0.3271,
0.5014

80.7266, 0.3142,
0.2970

■ 56.5659, 0.3263,
0.5309

■ 55.3350, 0.3239,
0.5558

■ 54.3644, 0.3200,
0.5746

■ 53.6285, 0.3151,
0.5866

■ 53.4766, 0.3140,
0.5889

Harmonies

Analogous

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



67.2636, 0.3458, 0.3786



67.2636, 0.3190, 0.3753



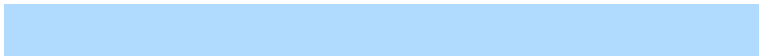
67.2636, 0.2914, 0.3577

Triad

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



67.2636, 0.3190, 0.3753



67.2636, 0.2633, 0.2887



67.2636, 0.3568, 0.3241

Complementary

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



67.2636, 0.3190, 0.3753



52.8685, 0.3051, 0.2844

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.



67.2636, 0.3330, 0.3026



67.2636, 0.3190, 0.3753



67.2636, 0.2792, 0.2824

Square

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



67.2636, 0.3190, 0.3753



67.2636, 0.2601, 0.3063



67.2636, 0.3044, 0.2876



67.2636, 0.3684, 0.3477

Rectangle

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



67.2636, 0.3190, 0.3753



67.2636, 0.2761, 0.3407



67.2636, 0.3044, 0.2876



67.2636, 0.3500, 0.3165

Sweetspot

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



67.2665, 0.3190, 0.3753



97.5671, 0.3146, 0.3414



64.8804, 0.3413, 0.3592



20.8124, 0.3148, 0.3432



0.0000, 0.0000, 0.0000



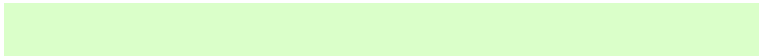
21.4041, 0.3127, 0.3290

Same Dimension

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



67.2665, 0.3190, 0.3753



90.6420, 0.3202, 0.3858



66.0443, 0.3059, 0.3675



15.5399, 0.3162, 0.3529



31.8130, 0.3149, 0.5882



2.2512, 0.3266, 0.5789

Inverse Universe

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



52.8685, 0.3051, 0.2844



67.4830, 0.3032, 0.2747



54.3128, 0.3203, 0.2933



13.7139, 0.3089, 0.3055



7.2726, 0.2450, 0.1123



0.5505, 0.2570, 0.1189

Previews

White Background



This preview shows how the Yxy color 67.2636, 0.3190, 0.3753 looks on a white background.

Color Contrast Check

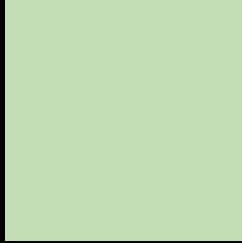
Large Text (above 18pt) WCAG AA × Fail

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 67.2636, 0.3190, 0.3753 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

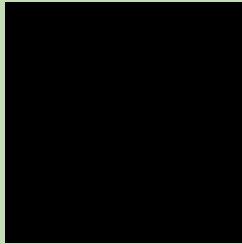
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

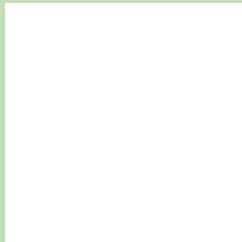
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 67.2636, 0.3190, 0.3753

Background



This preview shows how black text looks on a background with the Yxy color 67.2636, 0.3190, 0.3753.

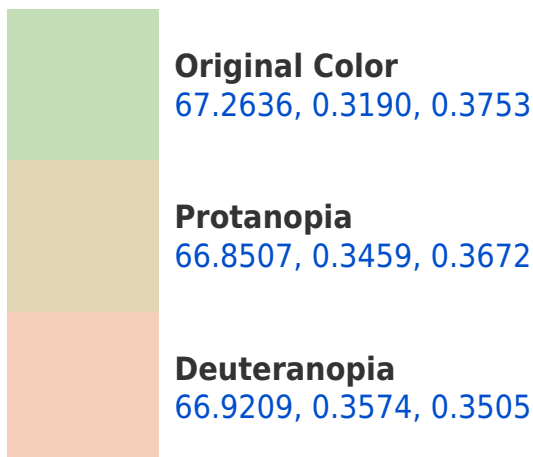


This preview shows how white text looks on a background with the Yxy color 67.2636, 0.3190, 0.3753.

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

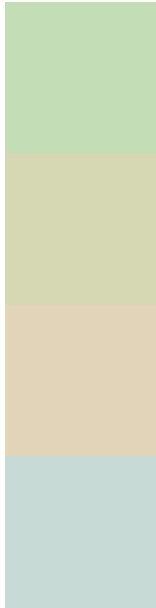




Tritanopia

67.1236, 0.2932, 0.3099

Trichromacy



Original Color

67.2636, 0.3190, 0.3753

Protanomaly

66.7032, 0.3361, 0.3704

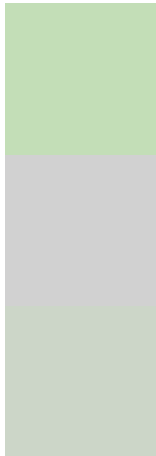
Deuteranomaly

66.7585, 0.3426, 0.3592

Tritanomaly

67.2772, 0.3026, 0.3336

Monochromacy



Original Color

67.2636, 0.3190, 0.3753

Achromatopsia

63.7597, 0.3127, 0.3290

Achromatomaly

65.1006, 0.3149, 0.3453

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.2636, 0.3190, 0.3753 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(195, 222, 183)` looks like.

```
.text, #text, p{  
    color:rgb(195, 222, 183)  
}
```

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(195, 222, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 222, 183) }
```

Border

The CSS property to change the border of an element to Yxy 67.2636, 0.3190, 0.3753 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(195, 222, 183) }
```

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

```
.border{ border-color:rgb(195, 222, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 222, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 222, 183); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 222, 183);  
box-shadow:4px 4px 4px 4px rgb(195, 222,  
183) }
```


Background

The CSS property to change the background color of an element to Yxy 67.2636, 0.3190, 0.3753 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 222, 183) }
```

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

```
.background{ background-color: rgb(195,  
222, 183) }
```

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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