

Converting Colors

Yxy(67.7862, 0.3254, 0.3698)

Have a look what the booklet for
Yxy(67.7862, 0.3254, 0.3698)
contains.

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Color

Yxy(67.6683, 0.3253, 0.3697)

Conversions

Conversions Part 1

Format	Color
Hex	CDDCB9
RGB	205, 220, 185
RGB Percent	80%, 86%, 73%
CMY	0.1958, 0.1373, 0.2745
CMYK	0.07, 0.00, 0.16, 0.14
HSL	86°, 33%, 79%
HSV	86°, 16%, 86%
XYZ	59.5415, 67.6683, 55.8259
YIQ	211.5250, 2.2950, -14.0650

Conversions

Conversions Part 2

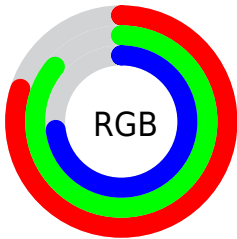
Format	Color
RYB	185, 220, 200
Decimal	13491385
CIELab	85.84, -11.14, 15.51
CIELCh	86, 19.100, 125.694
Yxy	67.6683, 0.3253, 0.3697
Android (android.graphics.Color)	4291681465 (0xFFCDDCB9)
YUV	211.5250, -13.0768, -5.7224
Hunter-Lab	82.2607, -14.7554, 17.3456

Details

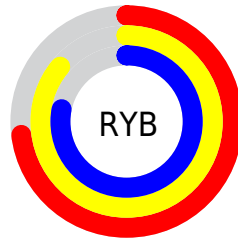
The Yxy color **67.6683, 0.3253, 0.3697** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **52.1373, 0.2985, 0.2879**, and the grayscale version is **65.6025, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.1309, 0.3209, 0.3425**, and **35.1555, 0.3283, 0.3798** is the 20% darker color. If you saturate the color by 10%, you get **65.5177, 0.3330, 0.3975**, and if you desaturate by 10%, it is **70.0486, 0.3174, 0.3435**.

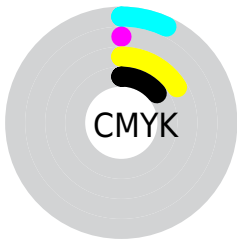
Distribution



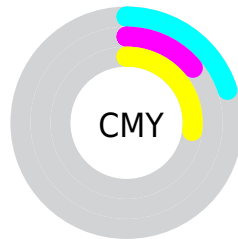
- Red (80%)
- Green (86%)
- Blue (73%)



- Red (73%)
- Yellow (86%)
- Blue (78%)



- Cyan (7%)
- Magenta (0%)
- Yellow (16%)
- Black (14%)



- Cyan (20%)
- Magenta (14%)
- Yellow (27%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 67.6683, 0.3253, 0.3697 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 67.6683, 0.3253, 0.3697 by changing the saturation by 10% instead.

■ 67.6683, 0.3253,
0.3697

■ 67.6683, 0.3253,
0.3697

452.3199, 0.3196,
0.3502

■ 49.6279, 0.3266,
0.3743

■ 115.8775, 0.3234,
0.3628

■ 35.1179, 0.3281,
0.3801

146.8151, 0.3226,
0.3602

■ 23.7537, 0.3300,
0.3875

182.8206, 0.3219,
0.3579

■ 15.1510, 0.3324,
0.3975

224.2783, 0.3213,
0.3560

■ 8.9254, 0.3355,
0.4115

271.5728, 0.3208,
0.3543

■ 4.6926, 0.3396,
0.4326


325.0882, 0.3204,


■ 2.0680, 0.3451,


0.3528


0.4681


385.2091, 0.3200,
0.3514

 0.6466, 0.3463,
0.6537


 0.0000, 0.0000,
0.0000


 67.6683, 0.3253,
0.3697


 67.6683, 0.3253,
0.3697

 65.5177, 0.3330,
0.3975


 70.0486, 0.3174,
0.3435

 63.5799, 0.3402,
0.4264


 72.6572, 0.3095,
0.3193

 61.8494, 0.3463,
0.4554


 75.5043, 0.3019,
0.2973

 60.3170, 0.3511,
0.4835


 77.3822, 0.3058,
0.2941


 58.9726, 0.3538,
0.5091

 79.0906, 0.3122,
0.2948

 57.8050, 0.3544,
0.5309

 79.6591, 0.3143,
0.2950

 56.8012, 0.3525,
0.5478

 55.9458, 0.3484,
0.5594

 55.6274, 0.3464,
0.5631

Harmonies

Analogous

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



67.6683, 0.3462, 0.3690



67.6683, 0.3253, 0.3697



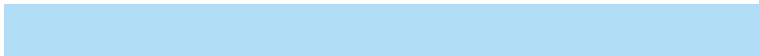
67.6683, 0.3016, 0.3583

Triad

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



67.6683, 0.3253, 0.3697



67.6683, 0.2691, 0.2989



67.6683, 0.3445, 0.3192

Complementary

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



67.6683, 0.3253, 0.3697



52.1373, 0.2985, 0.2879

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.



67.6683, 0.3227, 0.3021



67.6683, 0.3253, 0.3697



67.6683, 0.2795, 0.2903

Square

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



67.6683, 0.3253, 0.3697



67.6683, 0.2698, 0.3162



67.6683, 0.2989, 0.2917



67.6683, 0.3577, 0.3391

Rectangle

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



67.6683, 0.3253, 0.3697



67.6683, 0.2875, 0.3455



67.6683, 0.2989, 0.2917



67.6683, 0.3379, 0.3130

Sweetspot

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



67.6712, 0.3253, 0.3697



98.1891, 0.3167, 0.3414



59.8321, 0.3400, 0.3458



20.9634, 0.3173, 0.3431



0.0000, 0.0000, 0.0000



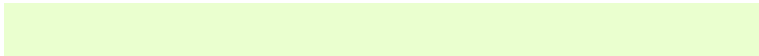
21.4041, 0.3127, 0.3290

Same Dimension

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



67.6712, 0.3253, 0.3697



93.5525, 0.3279, 0.3786



65.3639, 0.3128, 0.3713



14.9730, 0.3202, 0.3526



32.7188, 0.3474, 0.5623



2.1701, 0.3588, 0.5533

Inverse Universe

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



52.1373, 0.2985, 0.2879



67.9934, 0.2952, 0.2787



54.6308, 0.3122, 0.2895



12.8873, 0.3047, 0.3053



4.4866, 0.1893, 0.0817



0.3408, 0.2078, 0.0918

Previews

White Background



This preview shows how the Yxy color 67.6683, 0.3253, 0.3697 looks on a white background.

Color Contrast Check

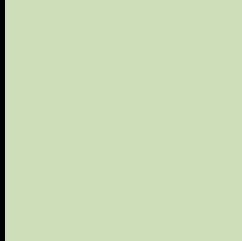
Large Text (above 18pt) WCAG AA × Fail

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 67.6683, 0.3253, 0.3697 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

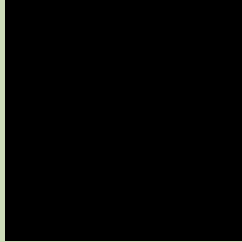
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

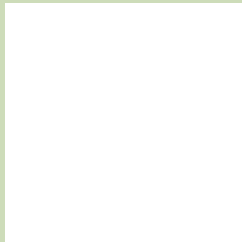
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 67.6683, 0.3253, 0.3697

Background



This preview shows how black text looks on a background with the Yxy color 67.6683, 0.3253, 0.3697.



This preview shows how white text looks on a background with the Yxy color 67.6683, 0.3253, 0.3697.

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

67.6683, 0.3253, 0.3697

Protanopia

67.6393, 0.3443, 0.3648

Deuteranopia

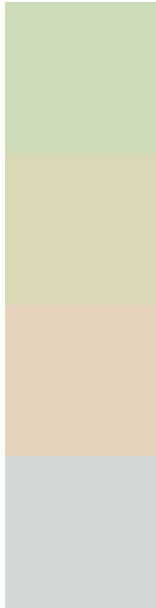
67.1859, 0.3567, 0.3483



Tritanopia

67.8034, 0.3007, 0.3113

Trichromacy



Original Color

67.6683, 0.3253, 0.3697

Protanomaly

67.4361, 0.3370, 0.3665

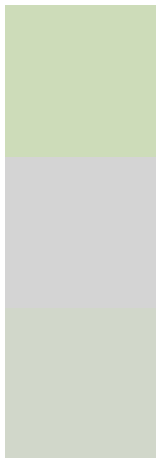
Deuteranomaly

66.9994, 0.3444, 0.3556

Tritanomaly

67.5221, 0.3090, 0.3312

Monochromacy



Original Color

67.6683, 0.3253, 0.3697

Achromatopsia

65.8375, 0.3127, 0.3290

Achromatomaly

66.4205, 0.3171, 0.3439

CSS Examples

Text

The CSS property to change the color of the text to Yxy 67.6683, 0.3253, 0.3697 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(205, 220, 185)` looks like.

```
.text, #text, p{  
    color:rgb(205, 220, 185)  
}
```

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(205, 220, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 220, 185) }
```

Border

The CSS property to change the border of an element to Yxy 67.6683, 0.3253, 0.3697 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(205, 220, 185) }
```

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

```
.border{ border-color:rgb(205, 220, 185) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 220, 185)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 220, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 220, 185);  
box-shadow:4px 4px 4px 4px rgb(205, 220,  
185) }
```


Background

The CSS property to change the background color of an element to Yxy 67.6683, 0.3253, 0.3697 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 220, 185) }
```

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

```
.background{ background-color: rgb(205,  
220, 185) }
```

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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