

Converting Colors

Yxy(66.1691, 0.3254, 0.3854)

Have a look what the booklet for
Yxy(66.1691, 0.3254, 0.3854)
contains.

Yxy(66.3710, 0.3251, 0.3853)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(66.3710, 0.3251, 0.3853)

Conversions

Conversions Part 1

Format	Color
Hex	C3DDAE
RGB	195, 221, 174
RGB Percent	76%, 87%, 68%
CMY	0.2353, 0.1333, 0.3178
CMYK	0.12, 0.00, 0.21, 0.13
HSL	93°, 41%, 77%
HSV	93°, 21%, 87%
XYZ	56.0011, 66.3710, 49.8859
YIQ	207.8680, -0.4090, -20.1290

Conversions

Conversions Part 2

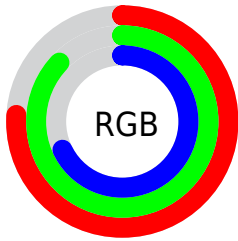
Format	Color
RYB	174, 221, 200
Decimal	12836270
CIELab	85.19, -16.97, 20.27
CIELCh	85, 26.442, 129.937
Yxy	66.3710, 0.3251, 0.3853
Android (android.graphics.Color)	4291026350 (0xFFC3DDAE)
YUV	207.8680, -16.6969, -11.2852
Hunter-Lab	81.4684, -19.8695, 20.7226

Details

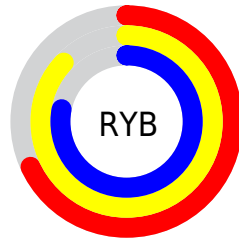
The Yxy color **66.3710, 0.3251, 0.3853** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **47.7544, 0.2977, 0.2735**, and the grayscale version is **63.0979, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.9286, 0.3254, 0.3534**, and **34.3156, 0.3279, 0.4008** is the 20% darker color. If you saturate the color by 10%, you get **64.0207, 0.3304, 0.4148**, and if you desaturate by 10%, it is **69.0020, 0.3194, 0.3576**.

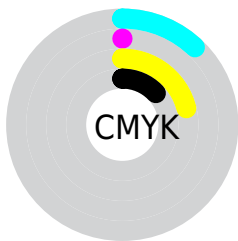
Distribution



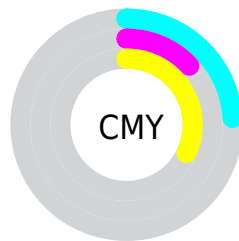
- Red (76%)
- Green (87%)
- Blue (68%)



- Red (68%)
- Yellow (87%)
- Blue (78%)



- Cyan (12%)
- Magenta (0%)
- Yellow (21%)
- Black (13%)





- Cyan (24%)
- Magenta (13%)
- Yellow (32%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 66.3710, 0.3251, 0.3853 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 66.3710, 0.3251, 0.3853 by changing the saturation by 10% instead.


 66.3710, 0.3251,
0.3853

 66.3710, 0.3251,
0.3853


447.7025, 0.3197,
0.3580

 48.5736, 0.3262,
0.3918

 114.0187, 0.3233,
0.3756

 34.2814, 0.3275,
0.4001


144.6377, 0.3226,
0.3719

 23.1098, 0.3291,
0.4107


180.2995, 0.3220,
0.3687

 14.6746, 0.3309,
0.4251

221.3884, 0.3214,
0.3660

 8.5914, 0.3330,
0.4454

268.2887, 0.3209,
0.3636

 4.4756, 0.3348,
0.4761

321.3849, 0.3205,

 1.9430, 0.3433,

0.3615

381.0614, 0.3201,
0.3597

0.5416

0.5740, 0.1861,
0.8139

0.0000, 0.0000,
0.0000

66.3710, 0.3251,
0.3853

66.3710, 0.3251,
0.3853

64.0207, 0.3304,
0.4148

69.0020, 0.3194,
0.3576

61.9322, 0.3350,
0.4454

71.9146, 0.3135,
0.3321

60.0978, 0.3383,
0.4760

75.1206, 0.3076,
0.3090

58.5058, 0.3401,
0.5051

78.1448, 0.3066,
0.2952

■ 57.1433, 0.3400,
0.5310

■ 80.1958, 0.3143,
0.2960

■ 55.9960, 0.3378,
0.5523

■ 55.0475, 0.3337,
0.5678

■ 54.3609, 0.3289,
0.5770

Harmonies

Analogous

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



66.3710, 0.3554, 0.3859



66.3710, 0.3251, 0.3853



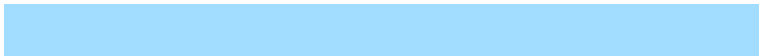
66.3710, 0.2926, 0.3670

Triad

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



66.3710, 0.3251, 0.3853



66.3710, 0.2538, 0.2844



66.3710, 0.3606, 0.3188

Complementary

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



66.3710, 0.3251, 0.3853



47.7544, 0.2977, 0.2735

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.



66.3710, 0.3311, 0.2950



66.3710, 0.3251, 0.3853



66.3710, 0.2699, 0.2752

Square

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



66.3710, 0.3251, 0.3853



66.3710, 0.2526, 0.3065



66.3710, 0.2977, 0.2793



66.3710, 0.3769, 0.3460

Rectangle

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



66.3710, 0.3251, 0.3853



66.3710, 0.2739, 0.3477



66.3710, 0.2977, 0.2793



66.3710, 0.3518, 0.3102

Sweetspot

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



66.3739, 0.3251, 0.3853



97.4849, 0.3163, 0.3440



59.6614, 0.3494, 0.3589



20.8091, 0.3167, 0.3456



0.0000, 0.0000, 0.0000



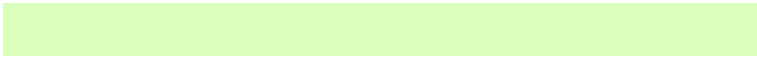
21.4041, 0.3127, 0.3290

Same Dimension

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



66.3739, 0.3251, 0.3853



90.1420, 0.3278, 0.3997



63.8579, 0.3085, 0.3849



14.8899, 0.3183, 0.3527



31.6424, 0.3301, 0.5761



2.1006, 0.3429, 0.5660

Inverse Universe

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



47.7544, 0.2977, 0.2735



59.5486, 0.2935, 0.2595



50.7286, 0.3171, 0.2788



12.9701, 0.3067, 0.3054



5.5102, 0.2134, 0.0949



0.4078, 0.2302, 0.1042

Previews

White Background



This preview shows how the Yxy color 66.3710, 0.3251, 0.3853 looks on a white background.

Color Contrast Check

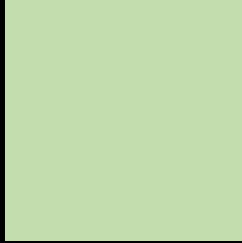
Large Text (above 18pt) WCAG AA × Fail

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 66.3710, 0.3251, 0.3853 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

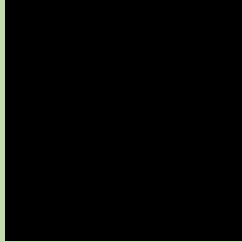
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 66.3710, 0.3251, 0.3853

Background



This preview shows how black text looks on a background with the Yxy color 66.3710, 0.3251, 0.3853.



This preview shows how white text looks on a background with the Yxy color 66.3710, 0.3251, 0.3853.

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

66.3710, 0.3251, 0.3853

Protanopia

66.1580, 0.3535, 0.3762

Deuteranopia

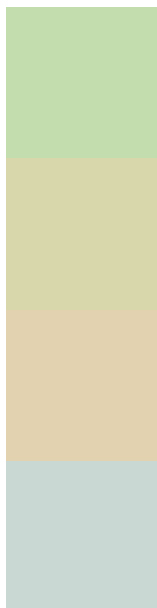
65.7725, 0.3657, 0.3580



Tritanopia

66.1390, 0.2951, 0.3099

Trichromacy



Original Color

66.3710, 0.3251, 0.3853

Protanomaly

65.9882, 0.3434, 0.3797

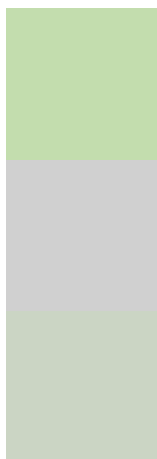
Deuteranomaly

65.5587, 0.3504, 0.3672

Tritanomaly

66.1824, 0.3059, 0.3359

Monochromacy



Original Color

66.3710, 0.3251, 0.3853

Achromatopsia

63.0757, 0.3127, 0.3290

Achromatomaly

64.2705, 0.3170, 0.3489

CSS Examples

Text

The CSS property to change the color of the text to Yxy 66.3710, 0.3251, 0.3853 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, 221, 174)` looks like.

```
.text, #text, p{  
    color:rgb(195, 221, 174)  
}
```

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, 221, 174) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 221, 174) }
```

Border

The CSS property to change the border of an element to Yxy 66.3710, 0.3251, 0.3853 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, 221, 174) }
```

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

```
.border{ border-color:rgb(195, 221, 174) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 221, 174)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(195, 221, 174); -webkit-box-  
shadow:4px 4px 4px 4px rgb(195, 221, 174);  
box-shadow:4px 4px 4px 4px rgb(195, 221,  
174) }
```


Background

The CSS property to change the background color of an element to Yxy 66.3710, 0.3251, 0.3853 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 221, 174) }
```

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

```
.background{ background-color: rgb(195,  
221, 174) }
```

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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