

Converting Colors

Yxy(61.9339, 0.3343, 0.3805)

Have a look what the booklet for
Yxy(61.9339, 0.3343, 0.3805)
contains.

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Color

Yxy(61.7325, 0.3338, 0.3797)

Conversions

Conversions Part 1

Format	Color
Hex	C8D3A9
RGB	200, 211, 169
RGB Percent	78%, 83%, 66%
CMY	0.2158, 0.1725, 0.3373
CMYK	0.05, 0.00, 0.20, 0.17
HSL	76°, 32%, 75%
HSV	76°, 20%, 83%
XYZ	54.2700, 61.7325, 46.5798
YIQ	202.9230, 6.9260, -15.3940

Conversions

Conversions Part 2

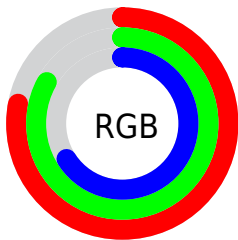
Format	Color
RYB	169, 211, 180
Decimal	13161385
CIELab	82.77, -10.93, 19.60
CIElCh	83, 22.439, 119.156
Yxy	61.7325, 0.3338, 0.3797
Android (android.graphics.Color)	4291351465 (0xFFC8D3A9)
YUV	202.9230, -16.7240, -2.5635
Hunter-Lab	78.5700, -14.2039, 19.8493

Details

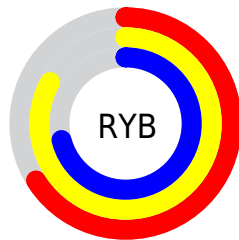
The Yxy color **61.7325, 0.3338, 0.3797** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **42.7757, 0.2887, 0.2758**, and the grayscale version is **59.7728, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.1618, 0.3310, 0.3592**, and **31.5093, 0.3385, 0.3933** is the 20% darker color. If you saturate the color by 10%, you get **60.2572, 0.3442, 0.4067**, and if you desaturate by 10%, it is **63.3687, 0.3232, 0.3536**.

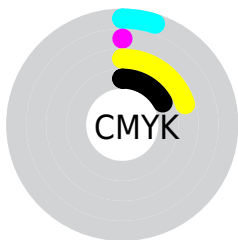
Distribution



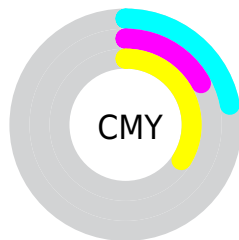
- Red (78%)
- Green (83%)
- Blue (66%)



- Red (66%)
- Yellow (83%)
- Blue (71%)



- Cyan (5%)
- Magenta (0%)
- Yellow (20%)
- Black (17%)




- Cyan (22%)
- Magenta (17%)
- Yellow (34%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 61.7325, 0.3338, 0.3797 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 61.7325, 0.3338, 0.3797 by changing the saturation by 10% instead.


 61.7325, 0.3338,
0.3797

 61.7325, 0.3338,
0.3797

430.9547, 0.3241,
0.3551

 44.8166, 0.3360,
0.3856


 107.3388, 0.3304,
0.3709

 31.3130, 0.3387,
0.3931

136.7980, 0.3291,
0.3676

 20.8373, 0.3421,
0.4028


171.2071, 0.3280,
0.3647

 13.0051, 0.3464,
0.4160

210.9505, 0.3270,
0.3622

 7.4321, 0.3519,
0.4346

256.4125, 0.3261,
0.3601

 3.7338, 0.3591,
0.4629

307.9776, 0.3254,

 1.5258, 0.3934,

0.3582

0.5460

366.0302, 0.3247,
0.3565

0.3068, 0.0745,
0.9255

0.0000, 0.0000,
0.0000

61.7325, 0.3338,
0.3797

61.7325, 0.3338,
0.3797

60.2572, 0.3442,
0.4067

63.3687, 0.3232,
0.3536

58.9283, 0.3539,
0.4338


65.1637, 0.3126,
0.3288

57.7415, 0.3624,
0.4600

67.1259, 0.3024,
0.3058


56.6894, 0.3693,
0.4841


69.2606, 0.2928,
0.2846


 55.7634, 0.3739,
0.5051

 70.2536, 0.2955,
0.2835

 54.9542, 0.3761,
0.5218

 71.1719, 0.2994,
0.2840


 54.2505, 0.3757,
0.5339

 72.1194, 0.3032,
0.2845

 53.6321, 0.3733,
0.5418

 73.0965, 0.3071,
0.2851

 53.6273, 0.3732,
0.5418

 74.1033, 0.3110,
0.2856

Harmonies

Analogous

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



61.7325, 0.3574, 0.3752



61.7325, 0.3338, 0.3797



61.7325, 0.3052, 0.3690

Triad

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



61.7325, 0.3338, 0.3797



61.7325, 0.2592, 0.2961



61.7325, 0.3461, 0.3121

Complementary

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



61.7325, 0.3338, 0.3797



42.7757, 0.2887, 0.2758

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.



61.7325, 0.3183, 0.2932



61.7325, 0.3338, 0.3797



61.7325, 0.2689, 0.2836

Square

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



61.7325, 0.3338, 0.3797



61.7325, 0.2630, 0.3187



61.7325, 0.2901, 0.2829



61.7325, 0.3650, 0.3356

Rectangle

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



61.7325, 0.3338, 0.3797



61.7325, 0.2873, 0.3546



61.7325, 0.2901, 0.2829



61.7325, 0.3374, 0.3051

Sweetspot

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



61.7352, 0.3338, 0.3797



98.3000, 0.3191, 0.3438



49.1500, 0.3495, 0.3419



21.0018, 0.3198, 0.3455



0.0000, 0.0000, 0.0000



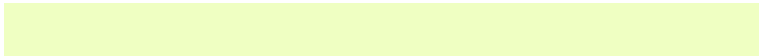
21.4041, 0.3127, 0.3290

Same Dimension

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



61.7352, 0.3338, 0.3797



93.7469, 0.3384, 0.3914



59.0999, 0.3180, 0.3823



13.6351, 0.3226, 0.3522



32.4119, 0.3739, 0.5413



1.8495, 0.3826, 0.5344

Inverse Universe

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



42.7757, 0.2887, 0.2758



59.3953, 0.2825, 0.2629



45.4204, 0.3059, 0.2785



11.5655, 0.3022, 0.3053



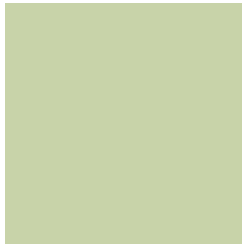
3.3773, 0.1664, 0.0690



0.2279, 0.1860, 0.0798

Previews

White Background



This preview shows how the Yxy color 61.7325, 0.3338, 0.3797 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 61.7325, 0.3338, 0.3797 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

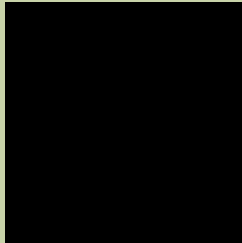
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

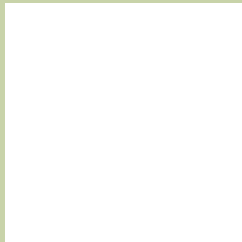
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 61.7325, 0.3338, 0.3797

Background



This preview shows how black text looks on a background with the Yxy color 61.7325, 0.3338, 0.3797.



This preview shows how white text looks on a background with the Yxy color 61.7325, 0.3338, 0.3797.

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

61.7325, 0.3338, 0.3797

Protanopia

61.3212, 0.3518, 0.3743

Deuteranopia

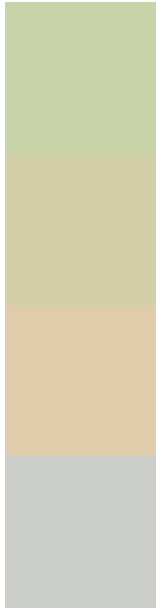
61.5439, 0.3656, 0.3577



Tritanopia

61.6184, 0.3038, 0.3107

Trichromacy



Original Color

61.7325, 0.3338, 0.3797

Protanomaly

61.2646, 0.3448, 0.3762

Deuteranomaly

61.4994, 0.3534, 0.3656

Tritanomaly

61.6801, 0.3147, 0.3360

Monochromacy



Original Color

61.7325, 0.3338, 0.3797

Achromatopsia

59.7202, 0.3127, 0.3290

Achromatomaly

60.4608, 0.3203, 0.3469

CSS Examples

Text

The CSS property to change the color of the text to Yxy 61.7325, 0.3338, 0.3797 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(200, 211, 169)` looks like.

```
.text, #text, p{  
    color:rgb(200, 211, 169)  
}
```

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(200, 211, 169) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 211, 169) }
```

Border

The CSS property to change the border of an element to Yxy 61.7325, 0.3338, 0.3797 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(200, 211, 169) }
```

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

```
.border{ border-color:rgb(200, 211, 169) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 211, 169)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 211, 169); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 211, 169);  
box-shadow:4px 4px 4px 4px rgb(200, 211,  
169) }
```


Background

The CSS property to change the background color of an element to Yxy 61.7325, 0.3338, 0.3797 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 211, 169) }
```

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

```
.background{ background-color: rgb(200,  
211, 169) }
```

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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