

Converting Colors

$Yxy(75.5746, 0.3228, 0.3851)$

Have a look what the booklet for
Yxy(75.5746, 0.3228, 0.3851)
contains.

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Color

Yxy(75.7568, 0.3228, 0.3859)

Conversions

Conversions Part 1

Format	Color
Hex	CCEBB9
RGB	204, 235, 185
RGB Percent	80%, 92%, 73%
CMY	0.2000, 0.0784, 0.2745
CMYK	0.13, 0.00, 0.21, 0.08
HSL	97°, 56%, 82%
HSV	97°, 21%, 92%
XYZ	63.3695, 75.7568, 57.1857
YIQ	220.0310, -2.4260, -22.1220

Conversions

Conversions Part 2

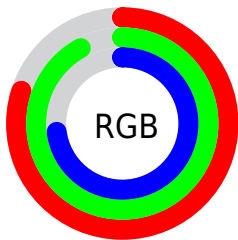
Format	Color
RYB	185, 235, 216
Decimal	13429689
CIELab	89.75, -19.00, 20.96
CIElCh	90, 28.289, 132.198
Yxy	75.7568, 0.3228, 0.3859
Android (android.graphics.Color)	4291619769 (0xFFCCEBB9)
YUV	220.0310, -17.2703, -14.0592
Hunter-Lab	87.0384, -22.3577, 21.9723

Details

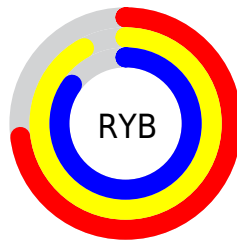
The Yxy color **75.7568, 0.3228, 0.3859** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **55.2995, 0.3003, 0.2737**, and the grayscale version is **71.7203, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.1309, 0.3209, 0.3425**, and **40.2957, 0.3240, 0.3995** is the 20% darker color. If you saturate the color by 10%, you get **72.8846, 0.3270, 0.4161**, and if you desaturate by 10%, it is **78.9921, 0.3182, 0.3578**.

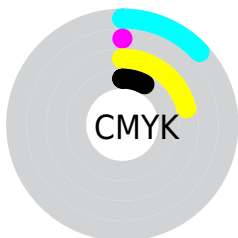
Distribution



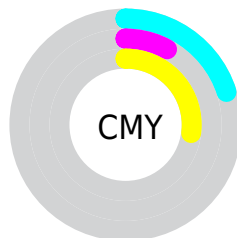
- Red (80%)
- Green (92%)
- Blue (73%)



- Red (73%)
- Yellow (92%)
- Blue (85%)



- Cyan (13%)
- Magenta (0%)
- Yellow (21%)
- Black (8%)




- Cyan (20%)
- Magenta (8%)
- Yellow (27%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 75.7568, 0.3228, 0.3859 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 75.7568, 0.3228, 0.3859 by changing the saturation by 10% instead.


 75.7568, 0.3228,
0.3859

 75.7568, 0.3228,
0.3859


480.5148, 0.3186,
0.3589

 56.2331, 0.3236,
0.3922


 127.3831, 0.3215,
0.3764

 40.3899, 0.3246,
0.4001


160.2544, 0.3209,
0.3728

 27.8426, 0.3256,
0.4101


198.3438, 0.3204,
0.3696

 18.2071, 0.3268,
0.4235

242.0356, 0.3200,
0.3669

 11.0988, 0.3280,
0.4419

291.7142, 0.3196,
0.3646

 6.1333, 0.3289,
0.4690


347.7640, 0.3192,

 2.9263, 0.3279,

0.3625

0.5120


410.5694, 0.3189,
0.3606


 1.0934, 0.3394,
0.6606


 0.0000, 0.0000,
0.0000


 75.7568, 0.3228,
0.3859

 75.7568, 0.3228,
0.3859

 72.8846, 0.3270,
0.4161


 78.9921, 0.3182,
0.3578

 70.3525, 0.3305,
0.4476

 82.5934, 0.3133,
0.3321

 68.1495, 0.3328,
0.4792

 86.5428, 0.3088,
0.3094

 66.2603, 0.3337,
0.5094

 87.8982, 0.3136,
0.3097

■ 64.6680, 0.3328,
0.5364

■ 63.3541, 0.3301,
0.5585

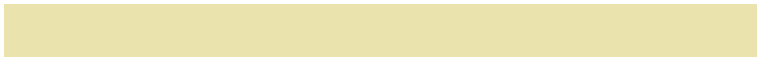
■ 62.2969, 0.3256,
0.5743

■ 61.5576, 0.3209,
0.5834

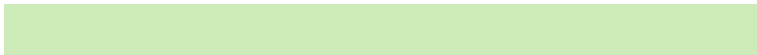
Harmonies

Analogous

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



75.7568, 0.3543, 0.3878



75.7568, 0.3228, 0.3859



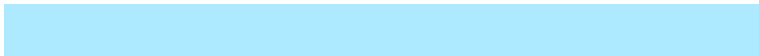
75.7568, 0.2897, 0.3659

Triad

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



75.7568, 0.3228, 0.3859



75.7568, 0.2532, 0.2822



75.7568, 0.3636, 0.3206

Complementary

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



75.7568, 0.3228, 0.3859



55.2995, 0.3003, 0.2737

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.



75.7568, 0.3340, 0.2958



75.7568, 0.3228, 0.3859



75.7568, 0.2707, 0.2739

Square

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



75.7568, 0.3228, 0.3859



75.7568, 0.2508, 0.3038



75.7568, 0.2998, 0.2791



75.7568, 0.3789, 0.3484

Rectangle

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



75.7568, 0.3228, 0.3859



75.7568, 0.2711, 0.3457



75.7568, 0.2998, 0.2791



75.7568, 0.3549, 0.3117

Sweetspot

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



75.7601, 0.3228, 0.3859



97.2987, 0.3156, 0.3440



70.1949, 0.3488, 0.3625



20.7651, 0.3160, 0.3457



0.0000, 0.0000, 0.0000



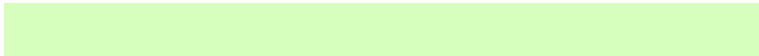
21.4041, 0.3127, 0.3290

Same Dimension

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



75.7601, 0.3228, 0.3859



89.4618, 0.3249, 0.4003



73.4883, 0.3065, 0.3810



17.1411, 0.3173, 0.3529



34.3263, 0.3220, 0.5825



2.7491, 0.3328, 0.5740

Inverse Universe

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



55.2995, 0.3003, 0.2737



60.2766, 0.2968, 0.2602



58.0312, 0.3196, 0.2820



15.0113, 0.3077, 0.3053



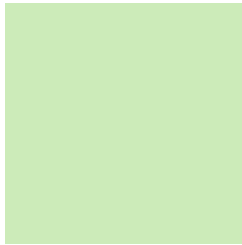
6.7988, 0.2277, 0.1028



0.5887, 0.2405, 0.1099

Previews

White Background



This preview shows how the Yxy color 75.7568, 0.3228, 0.3859 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 75.7568, 0.3228, 0.3859 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

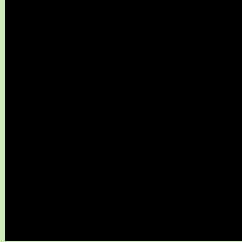
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

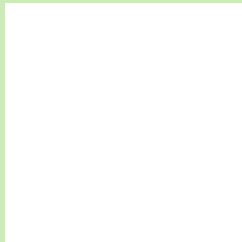
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 75.7568, 0.3228, 0.3859

Background



This preview shows how black text looks on a background with the Yxy color 75.7568, 0.3228, 0.3859.

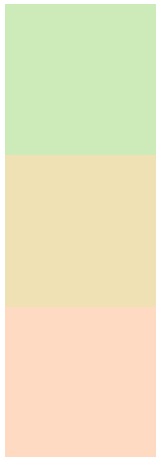


This preview shows how white text looks on a background with the Yxy color 75.7568, 0.3228, 0.3859.

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

75.7568, 0.3228, 0.3859

Protanopia

75.4964, 0.3533, 0.3770

Deuteranopia

75.3429, 0.3565, 0.3526



Tritanopia

75.6769, 0.2922, 0.3098

Trichromacy



Original Color

75.7568, 0.3228, 0.3859

Protanomaly

75.5848, 0.3414, 0.3804

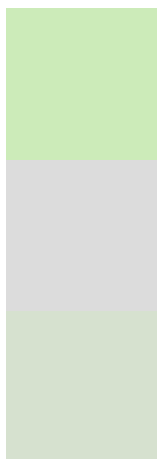
Deuteranomaly

74.9058, 0.3437, 0.3644

Tritanomaly

75.6230, 0.3036, 0.3367

Monochromacy



Original Color

75.7568, 0.3228, 0.3859

Achromatopsia

71.5694, 0.3127, 0.3290

Achromatomaly

72.6516, 0.3167, 0.3490

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.7568, 0.3228, 0.3859 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(204, 235, 185)` looks like.

```
.text, #text, p{  
    color:rgb(204, 235, 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(204, 235, 185) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 235, 185) }
```

Border

The CSS property to change the border of an element to Yxy 75.7568, 0.3228, 0.3859 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(204, 235, 185) }
```

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

```
.border{ border-color:rgb(204, 235, 185) }
```

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

Here you see how a box with a 4 pixel rgb(204, 235, 185) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 235, 185); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 235, 185);  
box-shadow:4px 4px 4px 4px rgb(204, 235,  
185) }
```


Background

The CSS property to change the background color of an element to Yxy 75.7568, 0.3228, 0.3859 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 235, 185) }
```

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

```
.background{ background-color: rgb(204,  
235, 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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