

Converting Colors

$Yxy(71.8527, 0.3278, 0.3845)$

Have a look what the booklet for
Yxy(71.8527, 0.3278, 0.3845)
contains.

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Color

Yxy(71.7612, 0.3275, 0.3843)

Conversions

Conversions Part 1

| Format | Color |
|---------------|----------------------------|
| Hex | CDE4B4 |
| RGB | 205, 228, 180 |
| RGB Percent | 80%, 89%, 71% |
| CMY | 0.1962, 0.1058, 0.2941 |
| CMYK | 0.10, 0.00, 0.21, 0.11 |
| HSL | 89°, 47%, 80% |
| HSV | 89°, 21%, 89% |
| XYZ | 61.1548, 71.7612, 53.8162 |
| YIQ | 215.6510, 1.7000, -19.8040 |

Conversions

Conversions Part 2

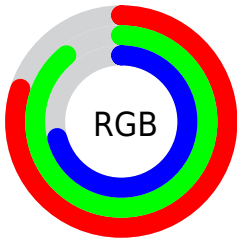
| Format | Color |
|-------------------------------------|---|
| RYB | 180, 228, 203 |
| Decimal | 13493428 |
| CIELab | 87.85, -15.99, 20.93 |
| CIELCh | 88, 26.339, 127.386 |
| Yxy | 71.7612, 0.3275, 0.3843 |
| Android (android.graphics.Color) | 4291683508 (0xFFCDE4B4) |
| YUV | 215.6510, -17.5759, -9.3409 |
| Hunter-Lab | 84.7120, -19.3842, 21.6324 |

Details

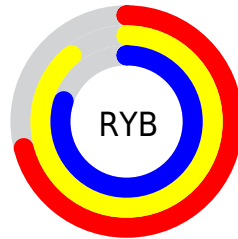
The Yxy color **71.7612, 0.3275, 0.3843** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **50.9550, 0.2951, 0.2736**, and the grayscale version is **68.5404, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.8361, 0.3238, 0.3473**, and **37.9035, 0.3300, 0.3990** is the 20% darker color. If you saturate the color by 10%, you get **69.4080, 0.3341, 0.4133**, and if you desaturate by 10%, it is **74.3823, 0.3205, 0.3569**.

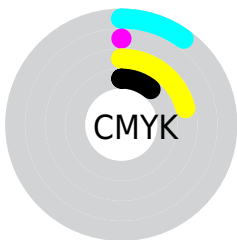
Distribution



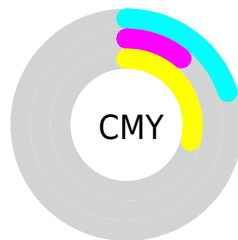
- Red (80%)
- Green (89%)
- Blue (71%)



- Red (71%)
- Yellow (89%)
- Blue (80%)



- Cyan (10%)
- Magenta (0%)
- Yellow (21%)
- Black (11%)





- Cyan (20%)
- Magenta (11%)
- Yellow (29%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 71.7612, 0.3275, 0.3843 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 71.7612, 0.3275, 0.3843 by changing the saturation by 10% instead.

 71.7612, 0.3275,
0.3843

 71.7612, 0.3275,
0.3843


466.7100, 0.3210,
0.3579

 52.9636, 0.3289,
0.3905

 121.7170, 0.3253,
0.3750

 37.7737, 0.3305,
0.3983

153.6439, 0.3245,
0.3714

 25.8071, 0.3324,
0.4082


190.7162, 0.3237,
0.3684

 16.6794, 0.3347,
0.4215

233.3181, 0.3231,
0.3657

 10.0062, 0.3375,
0.4399

281.8340, 0.3225,
0.3634

 5.4031, 0.3405,
0.4671

336.6484, 0.3219,

 2.4856, 0.3444,

0.3614

398.1456, 0.3215,
0.3596

0.5133

0.8694, 0.3340,
0.6660

0.0000, 0.0000,
0.0000

71.7612, 0.3275,
0.3843

71.7612, 0.3275,
0.3843

69.4080, 0.3341,
0.4133

74.3823, 0.3205,
0.3569

67.3038, 0.3399,
0.4431

77.2712, 0.3135,
0.3315

65.4412, 0.3444,
0.4726

80.4394, 0.3065,
0.3084

63.8090, 0.3473,
0.5005

82.8060, 0.3097,
0.3025

■ 62.3949, 0.3482,
0.5253

■ 83.9725, 0.3139,
0.3029

■ 61.1850, 0.3468,
0.5456

■ 60.1629, 0.3431,
0.5604

■ 59.3849, 0.3385,
0.5695

Harmonies

Analogous

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



71.7612, 0.3563, 0.3835



71.7612, 0.3275, 0.3843



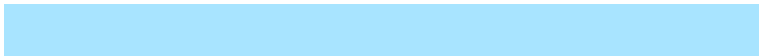
71.7612, 0.2957, 0.3679

Triad

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



71.7612, 0.3275, 0.3843



71.7612, 0.2548, 0.2871



71.7612, 0.3571, 0.3170

Complementary

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



71.7612, 0.3275, 0.3843



50.9550, 0.2951, 0.2736

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.



71.7612, 0.3278, 0.2943



71.7612, 0.3275, 0.3843



71.7612, 0.2693, 0.2770

Square

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



71.7612, 0.3275, 0.3843



71.7612, 0.2548, 0.3095



71.7612, 0.2956, 0.2799



71.7612, 0.3743, 0.3434

Rectangle

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



71.7612, 0.3275, 0.3843



71.7612, 0.2771, 0.3497



71.7612, 0.2956, 0.2799



71.7612, 0.3483, 0.3087

Sweetspot

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



71.7643, 0.3275, 0.3843



97.6873, 0.3170, 0.3439



62.2272, 0.3499, 0.3543



20.8569, 0.3174, 0.3456



0.0000, 0.0000, 0.0000



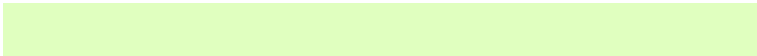
21.4041, 0.3127, 0.3290

Same Dimension

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



71.7643, 0.3275, 0.3843



91.2046, 0.3303, 0.3960



68.6870, 0.3111, 0.3872



16.4560, 0.3194, 0.3527



34.3586, 0.3395, 0.5686



2.5942, 0.3504, 0.5600

Inverse Universe

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



50.9550, 0.2951, 0.2736



60.0959, 0.2910, 0.2617



54.4867, 0.3139, 0.2766



14.2248, 0.3055, 0.3052



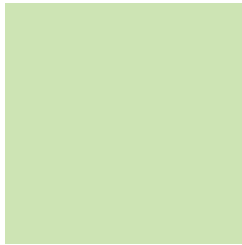
5.1972, 0.1987, 0.0868



0.4391, 0.2148, 0.0957

Previews

White Background



This preview shows how the Yxy color 71.7612, 0.3275, 0.3843 looks on a white background.

Color Contrast Check

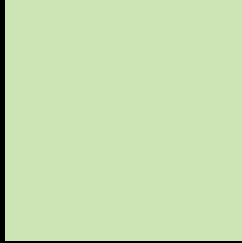
Large Text (above 18pt) WCAG AA × Fail

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 71.7612, 0.3275, 0.3843 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

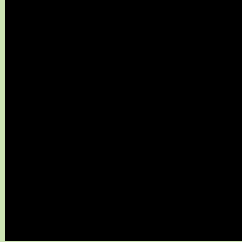
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

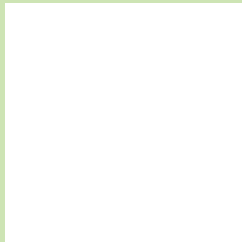
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 71.7612, 0.3275, 0.3843

Background



This preview shows how black text looks on a background with the Yxy color 71.7612, 0.3275, 0.3843.



This preview shows how white text looks on a background with the Yxy color 71.7612, 0.3275, 0.3843.

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**

71.7612, 0.3275, 0.3843

Protanopia

71.8134, 0.3535, 0.3769

Deuteranopia

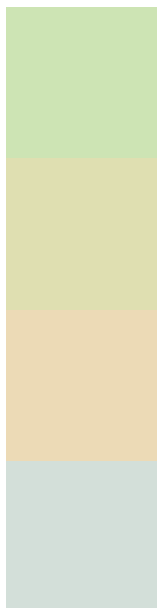
71.5767, 0.3661, 0.3591



Tritanopia

71.6556, 0.2970, 0.3095

Trichromacy



Original Color

71.7612, 0.3275, 0.3843

Protanomaly

71.6377, 0.3437, 0.3802

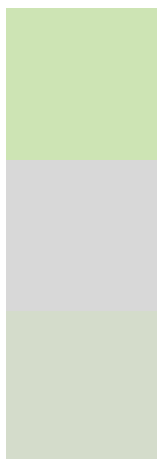
Deuteranomaly

71.3531, 0.3512, 0.3680

Tritanomaly

71.6340, 0.3082, 0.3357

Monochromacy



Original Color

71.7612, 0.3275, 0.3843

Achromatopsia

68.6685, 0.3127, 0.3290

Achromatomaly

69.4952, 0.3183, 0.3482

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.7612, 0.3275, 0.3843 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, 228, 180)` looks like.

```
.text, #text, p{  
    color:rgb(205, 228, 180)  
}
```

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, 228, 180) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(205, 228, 180) }
```

Border

The CSS property to change the border of an element to Yxy 71.7612, 0.3275, 0.3843 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, 228, 180) }
```

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

```
.border{ border-color:rgb(205, 228, 180) }
```

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

Here you see how a box with a 4 pixel `rgb(205, 228, 180)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(205, 228, 180); -webkit-box-  
shadow:4px 4px 4px 4px rgb(205, 228, 180);  
box-shadow:4px 4px 4px 4px rgb(205, 228,  
180) }
```


Background

The CSS property to change the background color of an element to Yxy 71.7612, 0.3275, 0.3843 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(205, 228, 180) }
```

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

```
.background{ background-color: rgb(205,  
228, 180) }
```

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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