

Converting Colors

$Yxy(70.9643, 0.3249, 0.3794)$

Have a look what the booklet for
Yxy(70.9643, 0.3249, 0.3794)
contains.

Yxy(71.1944, 0.3250, 0.3798)	3
<i>Conversions</i>	4
<i>Details</i>	6
<i>Harmonies</i>	12
<i>Previews</i>	24
<i>Color Blindness Simulation</i>	27
<i>CSS Examples</i>	30

Color

Yxy(71.1944, 0.3250, 0.3798)

Conversions

Conversions Part 1

Format	Color
Hex	CCE3B7
RGB	204, 227, 183
RGB Percent	80%, 89%, 72%
CMY	0.1999, 0.1098, 0.2823
CMYK	0.10, 0.00, 0.19, 0.11
HSL	91°, 44%, 80%
HSV	91°, 19%, 89%
XYZ	60.9220, 71.1944, 55.3359
YIQ	215.1070, 0.4160, -18.5600

Conversions

Conversions Part 2

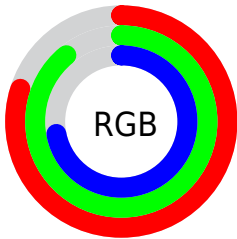
Format	Color
RYB	183, 227, 206
Decimal	13427639
CIELab	87.58, -15.36, 18.98
CIELCh	88, 24.416, 128.980
Yxy	71.1944, 0.3250, 0.3798
Android (android.graphics.Color)	4291617719 (0xFFCCE3B7)
YUV	215.1070, -15.8288, -9.7408
Hunter-Lab	84.3768, -18.7782, 20.1802

Details

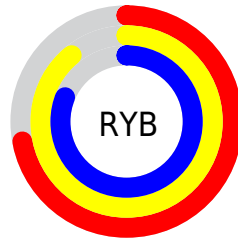
The Yxy color **71.1944, 0.3250, 0.3798** is a light color, and the websafe version is hex **CCCC99**. A complement of this color would be **52.5391, 0.2982, 0.2785**, and the grayscale version is **68.1441, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.0120, 0.3220, 0.3444**, and **37.6008, 0.3277, 0.3930** is the 20% darker color. If you saturate the color by 10%, you get **68.7142, 0.3309, 0.4089**, and if you desaturate by 10%, it is **73.9609, 0.3187, 0.3526**.

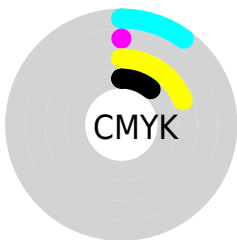
Distribution



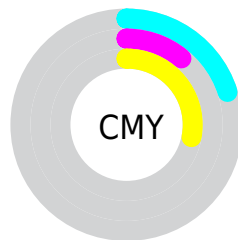
- Red (80%)
- Green (89%)
- Blue (72%)



- Red (72%)
- Yellow (89%)
- Blue (81%)



- Cyan (10%)
- Magenta (0%)
- Yellow (19%)
- Black (11%)




- Cyan (20%)
- Magenta (11%)
- Yellow (28%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 71.1944, 0.3250, 0.3798 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 71.1944, 0.3250, 0.3798 by changing the saturation by 10% instead.

 71.1944, 0.3250,
0.3798

 71.1944, 0.3250,
0.3798


464.7327, 0.3196,
0.3556

 52.5009, 0.3261,
0.3855


 120.9105, 0.3232,
0.3713

 37.4045, 0.3275,
0.3927


152.7018, 0.3225,
0.3680

 25.5208, 0.3291,
0.4018


189.6279, 0.3219,
0.3652

 16.4655, 0.3310,
0.4141

232.0730, 0.3213,
0.3627

 9.8541, 0.3334,
0.4312

280.4217, 0.3208,
0.3606

 5.3024, 0.3359,
0.4565

335.0583, 0.3204,

 2.4257, 0.3385,

0.3587

0.4987

396.3672, 0.3200,
0.3571

0.8391, 0.3349,
0.6651

0.0000, 0.0000,
0.0000

71.1944, 0.3250,
0.3798

71.1944, 0.3250,
0.3798

68.7142, 0.3309,
0.4089

73.9609, 0.3187,
0.3526

66.5009, 0.3362,
0.4390

77.0140, 0.3123,
0.3275

64.5467, 0.3403,
0.4693

80.3657, 0.3060,
0.3048

62.8400, 0.3428,
0.4984

82.7532, 0.3116,
0.3017

■ 61.3681, 0.3435,
0.5245

■ 83.4185, 0.3140,
0.3019

■ 60.1166, 0.3420,
0.5463

■ 59.0691, 0.3383,
0.5626

■ 58.2009, 0.3330,
0.5734

■ 58.1512, 0.3327,
0.5740

Harmonies

Analogous

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



71.1944, 0.3521, 0.3801



71.1944, 0.3250, 0.3798



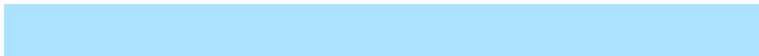
71.1944, 0.2955, 0.3638

Triad

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



71.1944, 0.3250, 0.3798



71.1944, 0.2591, 0.2893



71.1944, 0.3552, 0.3191

Complementary

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



71.1944, 0.3250, 0.3798



52.5391, 0.2982, 0.2785

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.



71.1944, 0.3284, 0.2976



71.1944, 0.3250, 0.3798



71.1944, 0.2733, 0.2803

Square

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



71.1944, 0.3250, 0.3798



71.1944, 0.2584, 0.3097



71.1944, 0.2983, 0.2836



71.1944, 0.3703, 0.3438

Rectangle

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



71.1944, 0.3250, 0.3798



71.1944, 0.2784, 0.3468



71.1944, 0.2983, 0.2836



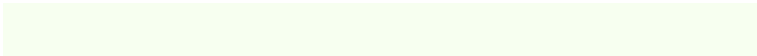
71.1944, 0.3472, 0.3113

Sweetspot

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



71.1975, 0.3250, 0.3798



97.5686, 0.3166, 0.3439



63.7675, 0.3461, 0.3546



20.8289, 0.3170, 0.3456



0.0000, 0.0000, 0.0000



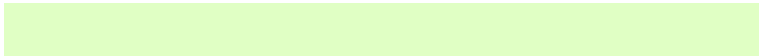
21.4041, 0.3127, 0.3290

Same Dimension

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



71.1975, 0.3250, 0.3798



91.4256, 0.3273, 0.3906



68.4572, 0.3098, 0.3812



16.4250, 0.3188, 0.3528



33.9823, 0.3338, 0.5732



2.5662, 0.3450, 0.5643

Inverse Universe

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



52.5391, 0.2982, 0.2785



63.1880, 0.2948, 0.2679



55.7084, 0.3155, 0.2818



14.2558, 0.3062, 0.3053



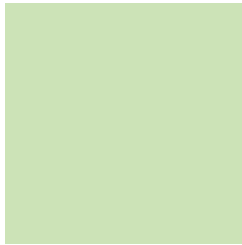
5.5756, 0.2070, 0.0914



0.4673, 0.2225, 0.1000

Previews

White Background



This preview shows how the Yxy color 71.1944, 0.3250, 0.3798 looks on a white background.

Color Contrast Check

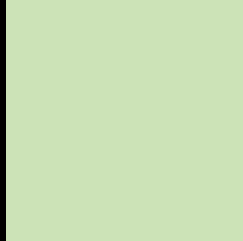
Large Text (above 18pt) WCAG AA × Fail

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 71.1944, 0.3250, 0.3798 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

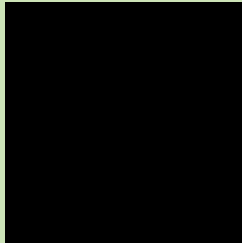
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

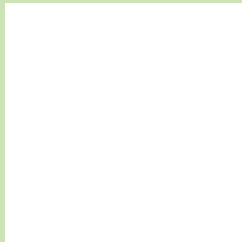
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 71.1944, 0.3250, 0.3798

Background



This preview shows how black text looks on a background with the Yxy color 71.1944, 0.3250, 0.3798.

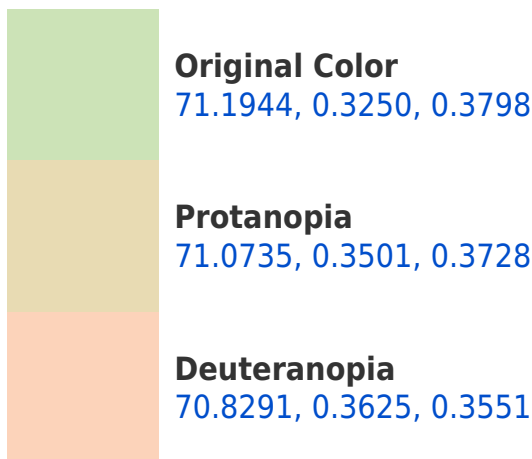


This preview shows how white text looks on a background with the Yxy color 71.1944, 0.3250, 0.3798.

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

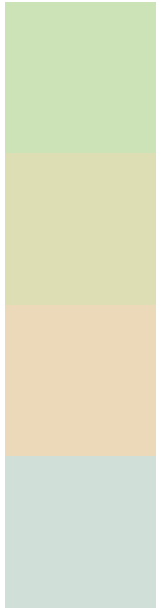




Tritanopia

71.2979, 0.2963, 0.3105

Trichromacy



Original Color

71.1944, 0.3250, 0.3798

Protanomaly

71.0674, 0.3411, 0.3759

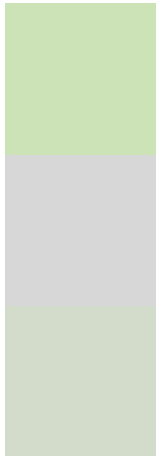
Deuteranomaly

70.7907, 0.3485, 0.3638

Tritanomaly

71.3404, 0.3068, 0.3357

Monochromacy



Original Color

71.1944, 0.3250, 0.3798

Achromatopsia

67.9542, 0.3127, 0.3290

Achromatomaly

68.8237, 0.3176, 0.3471

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.1944, 0.3250, 0.3798 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, 227, 183)` looks like.

```
.text, #text, p{  
    color:rgb(204, 227, 183)  
}
```

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, 227, 183) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 227, 183) }
```

Border

The CSS property to change the border of an element to Yxy 71.1944, 0.3250, 0.3798 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, 227, 183) }
```

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

```
.border{ border-color:rgb(204, 227, 183) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 227, 183)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(204, 227, 183); -webkit-box-shadow:4px 4px 4px 4px rgb(204, 227, 183); box-shadow:4px 4px 4px 4px rgb(204, 227, 183) }
```


Background

The CSS property to change the background color of an element to Yxy 71.1944, 0.3250, 0.3798 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 227, 183) }
```

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

```
.background{ background-color: rgb(204,  
227, 183) }
```

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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