

Converting Colors

$Yxy(71.2545, 0.3067, 0.3389)$

Have a look what the booklet for
Yxy(71.2545, 0.3067, 0.3389)
contains.

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Color

Yxy(71.4830, 0.3067, 0.3391)

Conversions

Conversions Part 1

Format	Color
Hex	CFE0D7
RGB	207, 224, 215
RGB Percent	81%, 88%, 84%
CMY	0.1882, 0.1215, 0.1569
CMYK	0.08, 0.00, 0.04, 0.12
HSL	148°, 22%, 85%
HSV	148°, 8%, 88%
XYZ	64.6530, 71.4830, 74.6661
YIQ	217.8910, -7.2430, -6.4030

Conversions

Conversions Part 2

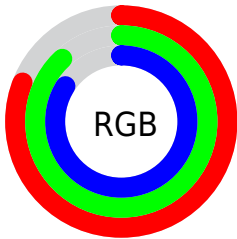
Format	Color
R_{YB}	207, 219, 224
Decimal	13623511
CIE Lab	87.72, -7.33, 2.46
CIE LCh	88, 7.736, 161.466
Yxy	71.4830, 0.3067, 0.3391
Android (android.graphics.Color)	4291813591 (0xFFCFE0D7)
YUV	217.8910, -1.4253, -9.5514
Hunter-Lab	84.5476, -11.4606, 6.8229

Details

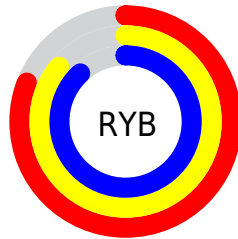
The Yxy color **71.4830, 0.3067, 0.3391** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **65.4378, 0.3192, 0.3191**, and the grayscale version is **70.0476, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **37.6863, 0.3058, 0.3422** is the 20% darker color. If you saturate the color by 10%, you get **67.8956, 0.2989, 0.3538**, and if you desaturate by 10%, it is **75.5786, 0.3146, 0.3260**.

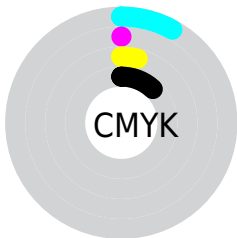
Distribution



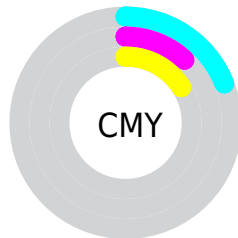
- Red (81%)
- Green (88%)
- Blue (84%)



- Red (81%)
- Yellow (86%)
- Blue (88%)



- Cyan (8%)
- Magenta (0%)
- Yellow (4%)
- Black (12%)





- Cyan (19%)
- Magenta (12%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 71.4830, 0.3067, 0.3391 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 71.4830, 0.3067, 0.3391 by changing the saturation by 10% instead.


 71.4830, 0.3067,
0.3391

 71.4830, 0.3067,
0.3391

465.7401, 0.3095,
0.3344

 52.7365, 0.3060,
0.3402


121.3212, 0.3077,
0.3375

 37.5924, 0.3052,
0.3416


153.1817, 0.3081,
0.3368

 25.6665, 0.3042,
0.3433


190.1822, 0.3084,
0.3363

 16.5743, 0.3028,
0.3456

232.7072, 0.3087,
0.3358

 9.9315, 0.3010,
0.3488

281.1411, 0.3089,
0.3354

 5.3535, 0.2982,
0.3534

335.8683, 0.3091,

 2.4562, 0.2937,

0.3350

0.3610

397.2732, 0.3093,
0.3347

0.8546, 0.2819,
0.3804

0.0000, 0.0000,
0.0000

71.4830, 0.3067,
0.3391

71.4830, 0.3067,
0.3391

67.8956, 0.2989,
0.3538

75.5786, 0.3146,
0.3260

64.7873, 0.2915,
0.3701

80.1923, 0.3225,
0.3144

62.1396, 0.2848,
0.3880

81.5177, 0.3169,
0.3030

59.9292, 0.2790,
0.4073

81.7940, 0.3141,
0.2989

■ 58.1311, 0.2746,
0.4276

■ 56.7171, 0.2719,
0.4485

■ 55.6558, 0.2710,
0.4694

■ 54.9101, 0.2721,
0.4897

■ 54.4302, 0.2751,
0.5088

Harmonies

Analogous

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



71.4830, 0.3161, 0.3443



71.4830, 0.3067, 0.3391



71.4830, 0.2990, 0.3311

Triad

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



71.4830, 0.3067, 0.3391



71.4830, 0.3007, 0.3131



71.4830, 0.3309, 0.3349

Complementary

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



71.4830, 0.3067, 0.3391



65.4378, 0.3192, 0.3191

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.



71.4830, 0.3266, 0.3267



71.4830, 0.3067, 0.3391



71.4830, 0.3091, 0.3143

Square

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



71.4830, 0.3067, 0.3391



71.4830, 0.2955, 0.3161



71.4830, 0.3186, 0.3192



71.4830, 0.3302, 0.3417

Rectangle

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



71.4830, 0.3067, 0.3391



71.4830, 0.2958, 0.3254



71.4830, 0.3186, 0.3192



71.4830, 0.3300, 0.3322

Sweetspot

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



71.4860, 0.3067, 0.3391



98.8723, 0.3111, 0.3316



72.4296, 0.3182, 0.3479



21.1746, 0.3112, 0.3315



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.



71.4860, 0.3067, 0.3391



95.1440, 0.3055, 0.3412



71.9321, 0.3014, 0.3296



15.4437, 0.3052, 0.3417



31.6483, 0.2751, 0.5104



2.2117, 0.2670, 0.4811

Inverse Universe

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



65.4378, 0.3192, 0.3191



85.5473, 0.3206, 0.3171



65.0115, 0.3253, 0.3284



13.8216, 0.3209, 0.3166



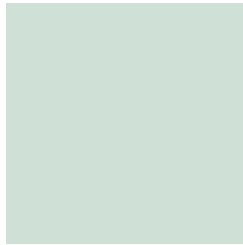
10.0221, 0.4821, 0.2430



0.7127, 0.4505, 0.2255

Previews

White Background



This preview shows how the Yxy color 71.4830, 0.3067, 0.3391 looks on a white background.

Color Contrast Check

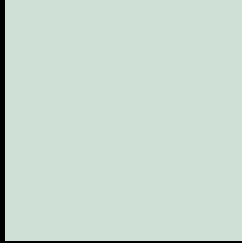
Large Text (above 18pt) WCAG AA × Fail

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 71.4830, 0.3067, 0.3391 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

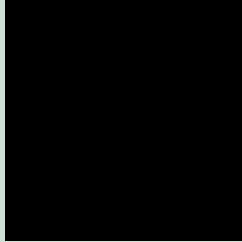
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

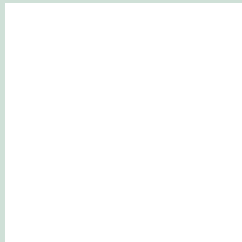
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 71.4830, 0.3067, 0.3391

Background



This preview shows how black text looks on a background with the Yxy color 71.4830, 0.3067, 0.3391.

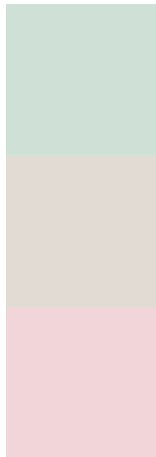


This preview shows how white text looks on a background with the Yxy color 71.4830, 0.3067, 0.3391.

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

71.4830, 0.3067, 0.3391

Protanopia

71.4241, 0.3218, 0.3366

Deuteranopia

71.4755, 0.3315, 0.3249



Tritanopia

71.7348, 0.2950, 0.3105

Trichromacy



Original Color

71.4830, 0.3067, 0.3391

Protanomaly

71.4224, 0.3159, 0.3378

Deuteranomaly

71.2416, 0.3221, 0.3301

Tritanomaly

71.6574, 0.2993, 0.3202

Monochromacy



Original Color

71.4830, 0.3067, 0.3391

Achromatopsia

70.1102, 0.3127, 0.3290

Achromatomaly

70.4923, 0.3104, 0.3323

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.4830, 0.3067, 0.3391 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(207, 224, 215)` looks like.

```
.text, #text, p{  
    color:rgb(207, 224, 215)  
}
```

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(207, 224, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 224, 215) }
```

Border

The CSS property to change the border of an element to Yxy 71.4830, 0.3067, 0.3391 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(207, 224, 215) }
```

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

```
.border{ border-color:rgb(207, 224, 215) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 224, 215)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 224, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 224, 215);  
box-shadow:4px 4px 4px 4px rgb(207, 224,  
215) }
```


Background

The CSS property to change the background color of an element to Yxy 71.4830, 0.3067, 0.3391 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 224, 215) }
```

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

```
.background{ background-color: rgb(207,  
224, 215) }
```

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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