

Converting Colors

$Yxy(71.6946, 0.3032, 0.3576)$

Have a look what the booklet for
Yxy(71.6946, 0.3032, 0.3576)
contains.

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Color

Yxy(71.6047, 0.3033, 0.3580)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | C0E5CC |
| RGB | 192, 229, 204 |
| RGB Percent | 75%, 90%, 80% |
| CMY | 0.2469, 0.1020, 0.2000 |
| CMYK | 0.16, 0.00, 0.11, 0.10 |
| HSL | 139°, 42%, 83% |
| HSV | 139°, 16%, 90% |
| XYZ | 60.6640, 71.6047, 67.7444 |
| YIQ | 215.0870, -14.0270, -15.6190 |

Conversions

Conversions Part 2

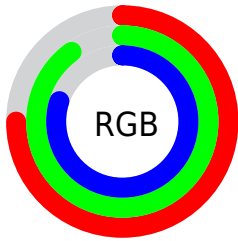
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 192, 220, 229 |
| Decimal | 12641740 |
| CIELab | 87.78, -16.82, 8.19 |
| CIELCh | 88, 18.711, 154.050 |
| Yxy | 71.6047, 0.3033, 0.3580 |
| Android (android.graphics.Color) | 4290831820 (0xFFC0E5CC) |
| YUV | 215.0870, -5.4659, -20.2473 |
| Hunter-Lab | 84.6196, -20.1171, 11.7675 |

Details

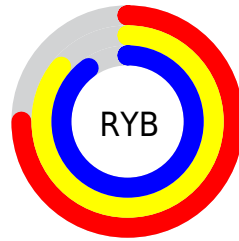
The Yxy color **71.6047, 0.3033, 0.3580** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **59.3889, 0.3236, 0.3017**, and the grayscale version is **68.0683, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.8797, 0.3090, 0.3290**, and **37.4924, 0.3006, 0.3644** is the 20% darker color. If you saturate the color by 10%, you get **68.1395, 0.2977, 0.3788**, and if you desaturate by 10%, it is **75.6150, 0.3091, 0.3394**.

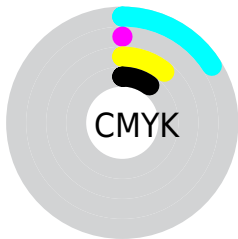
Distribution



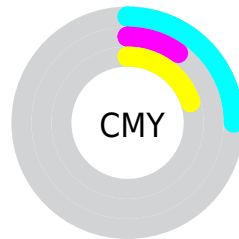
- Red (75%)
- Green (90%)
- Blue (80%)



- Red (75%)
- Yellow (86%)
- Blue (90%)



- Cyan (16%)
- Magenta (0%)
- Yellow (11%)
- Black (10%)



- Cyan (25%)
- Magenta (10%)
- Yellow (20%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 71.6047, 0.3033, 0.3580 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 71.6047, 0.3033, 0.3580 by changing the saturation by 10% instead.

 71.6047, 0.3033,
0.3580

 71.6047, 0.3033,
0.3580

466.1645, 0.3078,
0.3442

 52.8358, 0.3022,
0.3612


 121.4944, 0.3049,
0.3532

 37.6717, 0.3009,
0.3653


153.3839, 0.3055,
0.3513

 25.7280, 0.2991,
0.3705


190.4158, 0.3060,
0.3497

 16.6203, 0.2968,
0.3774

232.9745, 0.3065,
0.3483

 9.9641, 0.2935,
0.3871

281.4443, 0.3069,
0.3471

 5.3752, 0.2885,
0.4016

336.2097, 0.3072,

 2.4690, 0.2800,

0.3460

0.4258

397.6549, 0.3075,
0.3451

0.8611, 0.2495,
0.5270

0.0000, 0.0000,
0.0000

71.6047, 0.3033,
0.3580

71.6047, 0.3033,
0.3580

68.1395, 0.2977,
0.3788

75.6150, 0.3091,
0.3394

65.1868, 0.2925,
0.4017

80.1835, 0.3150,
0.3229

62.7242, 0.2880,
0.4264

84.2283, 0.3168,
0.3081

60.7242, 0.2846,
0.4524

84.5160, 0.3139,
0.3039

■ 59.1564, 0.2826,
0.4787

■ 57.9865, 0.2822,
0.5044

■ 57.1749, 0.2836,
0.5282

■ 56.6727, 0.2865,
0.5490

■ 56.5310, 0.2878,
0.5562

Harmonies

Analogous

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



71.6047, 0.3261, 0.3683



71.6047, 0.3033, 0.3580



71.6047, 0.2836, 0.3390

Triad

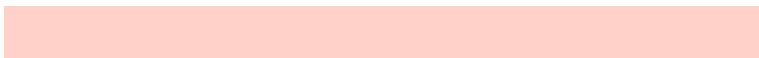
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



71.6047, 0.3033, 0.3580



71.6047, 0.2800, 0.2919



71.6047, 0.3555, 0.3377

Complementary

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



71.6047, 0.3033, 0.3580



59.3889, 0.3236, 0.3017

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.



71.6047, 0.3423, 0.3185



71.6047, 0.3033, 0.3580



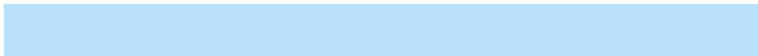
71.6047, 0.2983, 0.2927

Square

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



71.6047, 0.3033, 0.3580



71.6047, 0.2704, 0.3008



71.6047, 0.3211, 0.3024



71.6047, 0.3567, 0.3555

Rectangle

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



71.6047, 0.3033, 0.3580



71.6047, 0.2746, 0.3247



71.6047, 0.3211, 0.3024



71.6047, 0.3523, 0.3312

Sweetspot

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



71.6077, 0.3033, 0.3580



97.1182, 0.3098, 0.3374



74.6407, 0.3284, 0.3701



20.7037, 0.3094, 0.3387



0.0000, 0.0000, 0.0000



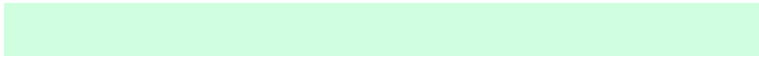
21.4041, 0.3127, 0.3290

Same Dimension

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



71.6077, 0.3033, 0.3580



90.0061, 0.3016, 0.3640



72.5343, 0.2923, 0.3366



16.1656, 0.3072, 0.3453



32.3427, 0.2871, 0.5534



2.4065, 0.2788, 0.5238

Inverse Universe

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



59.3889, 0.3236, 0.3017



71.9197, 0.3259, 0.2964



58.4917, 0.3378, 0.3215



14.5318, 0.3187, 0.3132



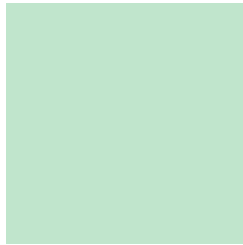
10.8995, 0.4232, 0.2105



0.8223, 0.4045, 0.2002

Previews

White Background



This preview shows how the Yxy color 71.6047, 0.3033, 0.3580 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 71.6047, 0.3033, 0.3580 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

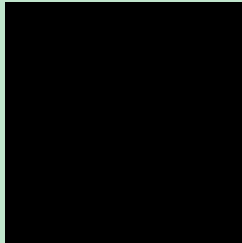
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

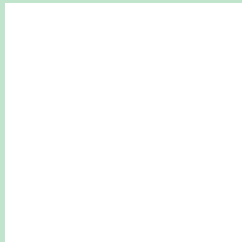
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 71.6047, 0.3033, 0.3580

Background



This preview shows how black text looks on a background with the Yxy color 71.6047, 0.3033, 0.3580.

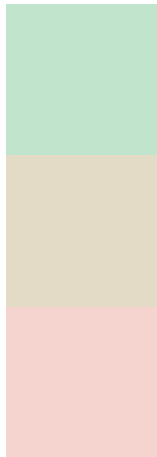


This preview shows how white text looks on a background with the Yxy color 71.6047, 0.3033, 0.3580.

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

71.6047, 0.3033, 0.3580

Protanopia

71.2805, 0.3329, 0.3509

Deuteranopia

71.0044, 0.3412, 0.3343



Tritanopia

71.8043, 0.2855, 0.3102

Trichromacy



Original Color

71.6047, 0.3033, 0.3580

Protanomaly

71.4395, 0.3215, 0.3536

Deuteranomaly

70.7678, 0.3267, 0.3421

Tritanomaly

71.7299, 0.2913, 0.3267

Monochromacy



Original Color

71.6047, 0.3033, 0.3580

Achromatopsia

67.9542, 0.3127, 0.3290

Achromatomaly

69.1549, 0.3094, 0.3392

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.6047, 0.3033, 0.3580 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(192, 229, 204)` looks like.

```
.text, #text, p{  
    color:rgb(192, 229, 204)  
}
```

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(192, 229, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 229, 204) }
```

Border

The CSS property to change the border of an element to Yxy 71.6047, 0.3033, 0.3580 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(192, 229, 204) }
```

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

```
.border{ border-color:rgb(192, 229, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 229, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 229, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 229, 204);  
box-shadow:4px 4px 4px 4px rgb(192, 229,  
204) }
```


Background

The CSS property to change the background color of an element to Yxy 71.6047, 0.3033, 0.3580 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 229, 204) }
```

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

```
.background{ background-color: rgb(192,  
229, 204) }
```

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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