

Converting Colors

$Yxy(72.2876, 0.3007, 0.3588)$

Have a look what the booklet for
Yxy(72.2876, 0.3007, 0.3588)
contains.

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Color

Yxy(72.3784, 0.3007, 0.3592)

Conversions

Conversions Part 1

Format	Color
Hex	BDE7CD
RGB	189, 231, 205
RGB Percent	74%, 91%, 80%
CMY	0.2586, 0.0941, 0.1961
CMYK	0.18, 0.00, 0.11, 0.09
HSL	143°, 47%, 82%
HSV	143°, 18%, 91%
XYZ	60.5907, 72.3784, 68.5298
YIQ	215.4780, -16.6860, -16.9900

Conversions

Conversions Part 2

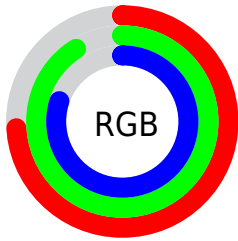
Format	Color
RYB	189, 219, 231
Decimal	12445645
CIELab	88.15, -18.60, 8.17
CIELCh	88, 20.319, 156.283
Yxy	72.3784, 0.3007, 0.3592
Android (android.graphics.Color)	4290635725 (0xFFBDE7CD)
YUV	215.4780, -5.1657, -23.2212
Hunter-Lab	85.0755, -21.7545, 11.7937

Details

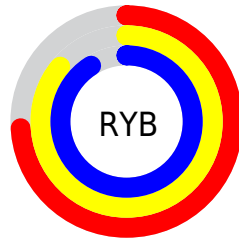
The Yxy color **72.3784, 0.3007, 0.3592** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **58.3158, 0.3270, 0.3006**, and the grayscale version is **68.3479, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.3328, 0.3072, 0.3290**, and **38.0452, 0.2973, 0.3660** is the 20% darker color. If you saturate the color by 10%, you get **68.9975, 0.2944, 0.3786**, and if you desaturate by 10%, it is **76.2991, 0.3073, 0.3418**.

Distribution



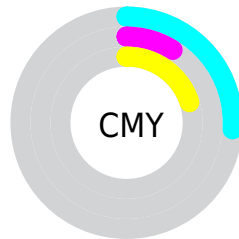
- Red (74%)
- Green (91%)
- Blue (80%)



- Red (74%)
- Yellow (86%)
- Blue (91%)



- Cyan (18%)
- Magenta (0%)
- Yellow (11%)
- Black (9%)




- Cyan (26%)
- Magenta (9%)
- Yellow (20%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 72.3784, 0.3007, 0.3592 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 72.3784, 0.3007, 0.3592 by changing the saturation by 10% instead.

 72.3784, 0.3007,
0.3592

 72.3784, 0.3007,
0.3592


468.8576, 0.3064,
0.3449

 53.4678, 0.2994,
0.3626


 122.5944, 0.3027,
0.3542

 38.1764, 0.2977,
0.3668

154.6686, 0.3035,
0.3522

 26.1196, 0.2955,
0.3722


191.8994, 0.3042,
0.3506

 16.9131, 0.2926,
0.3793

234.6714, 0.3047,
0.3491

 10.1726, 0.2885,
0.3894

283.3687, 0.3052,
0.3479

 5.5135, 0.2823,
0.4044

338.3760, 0.3057,

 2.5516, 0.2721,

0.3468

0.4293

400.0775, 0.3061,
0.3458

0.9024, 0.2350,
0.5256

0.0000, 0.0000,
0.0000

72.3784, 0.3007,
0.3592

72.3784, 0.3007,
0.3592

68.9975, 0.2944,
0.3786

76.2991, 0.3073,
0.3418

66.1235, 0.2887,
0.3998

80.7730, 0.3139,
0.3263

63.7336, 0.2839,
0.4227

85.1826, 0.3183,
0.3125

61.7998, 0.2803,
0.4466

85.6281, 0.3138,
0.3058

■ 60.2908, 0.2783,
0.4710

■ 59.1716, 0.2781,
0.4949

■ 58.4009, 0.2797,
0.5174

■ 57.9212, 0.2830,
0.5375

■ 57.8492, 0.2836,
0.5410

Harmonies

Analogous

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



72.3784, 0.3253, 0.3713



72.3784, 0.3007, 0.3592



72.3784, 0.2799, 0.3381

Triad

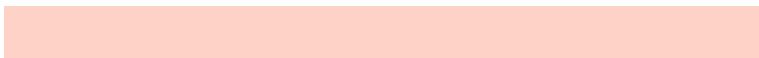
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



72.3784, 0.3007, 0.3592



72.3784, 0.2785, 0.2887



72.3784, 0.3596, 0.3398

Complementary

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



72.3784, 0.3007, 0.3592



58.3158, 0.3270, 0.3006

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.



72.3784, 0.3461, 0.3191



72.3784, 0.3007, 0.3592



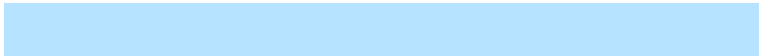
72.3784, 0.2988, 0.2904

Square

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



72.3784, 0.3007, 0.3592



72.3784, 0.2675, 0.2974



72.3784, 0.3236, 0.3014



72.3784, 0.3599, 0.3587

Rectangle

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



72.3784, 0.3007, 0.3592



72.3784, 0.2707, 0.3226



72.3784, 0.3236, 0.3014



72.3784, 0.3565, 0.3329

Sweetspot

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



72.3814, 0.3007, 0.3592



97.1628, 0.3094, 0.3367



75.3651, 0.3289, 0.3757



20.7146, 0.3089, 0.3378



0.0000, 0.0000, 0.0000



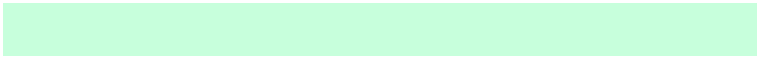
21.4041, 0.3127, 0.3290

Same Dimension

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



72.3814, 0.3007, 0.3592



88.8275, 0.2982, 0.3667



73.4321, 0.2887, 0.3353



16.1794, 0.3064, 0.3439



32.4555, 0.2828, 0.5380



2.4160, 0.2746, 0.5085

Inverse Universe

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



58.3158, 0.3270, 0.3006



67.9829, 0.3308, 0.2941



57.3309, 0.3434, 0.3229



14.5175, 0.3196, 0.3145



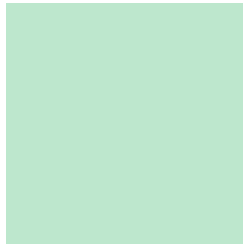
10.6644, 0.4455, 0.2228



0.8060, 0.4225, 0.2101

Previews

White Background



This preview shows how the Yxy color 72.3784, 0.3007, 0.3592 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 72.3784, 0.3007, 0.3592 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

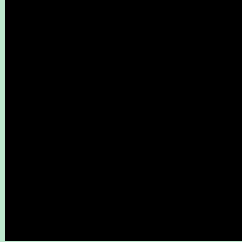
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

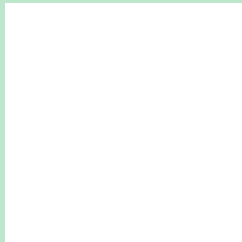
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 72.3784, 0.3007, 0.3592

Background



This preview shows how black text looks on a background with the Yxy color 72.3784, 0.3007, 0.3592.

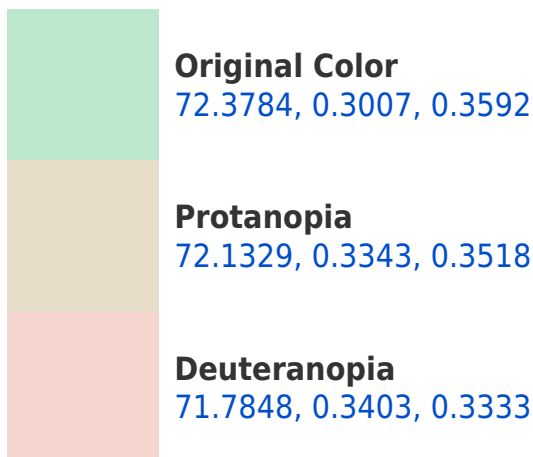


This preview shows how white text looks on a background with the Yxy color 72.3784, 0.3007, 0.3592.

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

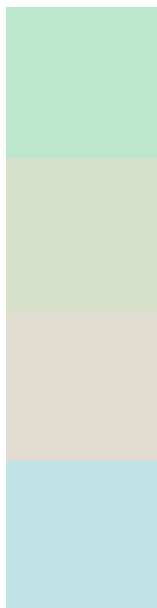




Tritanopia

72.0573, 0.2825, 0.3091

Trichromacy



Original Color

72.3784, 0.3007, 0.3592

Protanomaly

71.9754, 0.3214, 0.3547

Deuteranomaly

71.7480, 0.3244, 0.3421

Tritanomaly

71.9328, 0.2889, 0.3267

Monochromacy



Original Color

72.3784, 0.3007, 0.3592

Achromatopsia

67.9542, 0.3127, 0.3290

Achromatomaly

69.5379, 0.3087, 0.3403

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.3784, 0.3007, 0.3592 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(189, 231, 205)` looks like.

```
.text, #text, p{  
    color:rgb(189, 231, 205)  
}
```

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(189, 231, 205) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 231, 205) }
```

Border

The CSS property to change the border of an element to Yxy 72.3784, 0.3007, 0.3592 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(189, 231, 205) }
```

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

```
.border{ border-color:rgb(189, 231, 205) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 231, 205)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 231, 205); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 231, 205);  
box-shadow:4px 4px 4px 4px rgb(189, 231,  
205) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 72.3784, 0.3007, 0.3592$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 231, 205) }
```

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

```
.background{ background-color: rgb(189,  
231, 205) }
```

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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