

Converting Colors

Yxy(72.9032, 0.3011, 0.3618)

Have a look what the booklet for
Yxy(72.9032, 0.3011, 0.3618)
contains.

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Color

Yxy(72.8917, 0.3013, 0.3615)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | BDE8CC |
| RGB | 189, 232, 204 |
| RGB Percent | 74%, 91%, 80% |
| CMY | 0.2586, 0.0902, 0.2000 |
| CMYK | 0.19, 0.00, 0.12, 0.09 |
| HSL | 141°, 48%, 83% |
| HSV | 141°, 19%, 91% |
| XYZ | 60.7532, 72.8917, 67.9919 |
| YIQ | 215.9510, -16.6400, -17.8240 |

Conversions

Conversions Part 2

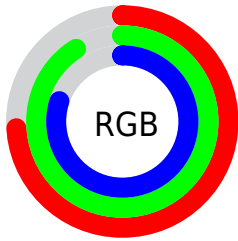
| Format | Color |
|-------------------------------------|--------------------------------|
| RYB | 189, 221, 232 |
| Decimal | 12445900 |
| CIELab | 88.40, -19.28, 9.05 |
| CIELCh | 88, 21.294, 154.862 |
| Yxy | 72.8917, 0.3013, 0.3615 |
| Android (android.graphics.Color) | 4290635980 (0xFFBDE8CC) |
| YUV | 215.9510, -5.8918, -23.6360 |
| Hunter-Lab | 85.3766, -22.3903, 12.5465 |

Details

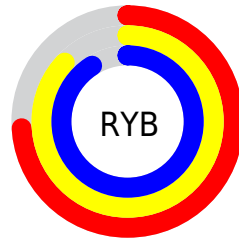
The Yxy color **72.8917, 0.3013, 0.3615** is a light color, and the websafe version is hex **CCFFCC**. A complement of this color would be **58.5899, 0.3262, 0.2986**, and the grayscale version is **68.6927, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.3328, 0.3072, 0.3290**, and **38.4036, 0.2981, 0.3691** is the 20% darker color. If you saturate the color by 10%, you get **69.4691, 0.2954, 0.3820**, and if you desaturate by 10%, it is **76.8655, 0.3074, 0.3431**.

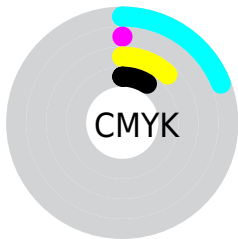
Distribution



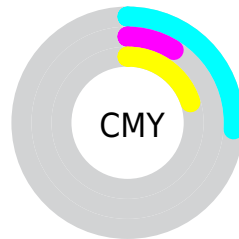
- Red (74%)
- Green (91%)
- Blue (80%)



- Red (74%)
- Yellow (87%)
- Blue (91%)



- Cyan (19%)
- Magenta (0%)
- Yellow (12%)
- Black (9%)




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

Brightness & Saturation Gradients


These gradients show how the Yxy color 72.8917, 0.3013, 0.3615 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 72.8917, 0.3013, 0.3615 by changing the saturation by 10% instead.


 72.8917, 0.3013,
0.3615

 72.8917, 0.3013,
0.3615

470.6394, 0.3068,
0.3461

 53.8874, 0.3000,
0.3651


 123.3235, 0.3032,
0.3561

 38.5117, 0.2984,
0.3696


155.5197, 0.3040,
0.3540

 26.3800, 0.2963,
0.3754


192.8821, 0.3046,
0.3522

 17.1082, 0.2935,
0.3832

235.7949, 0.3052,
0.3507

 10.3116, 0.2895,
0.3940

284.6427, 0.3056,
0.3493

 5.6061, 0.2835,
0.4102


339.8098, 0.3061,

 2.6071, 0.2735,


0.3481

0.4370


401.6805, 0.3064,
0.3470

 0.9302, 0.2397,
0.5400

 0.0000, 0.0000,
0.0000


 72.8917, 0.3013,
0.3615


 72.8917, 0.3013,
0.3615


 69.4691, 0.2954,
0.3820


 76.8655, 0.3074,
0.3431


 66.5640, 0.2901,
0.4045

 81.4043, 0.3136,
0.3267

 64.1530, 0.2857,
0.4287

 85.8317, 0.3173,
0.3121

 62.2074, 0.2824,
0.4539

 86.1882, 0.3138,
0.3068

■ 60.6953, 0.2806,
0.4794

■ 59.5804, 0.2806,
0.5042

■ 58.8205, 0.2823,
0.5271

■ 58.3547, 0.2856,
0.5472

■ 58.2979, 0.2861,
0.5499

Harmonies

Analogous

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



72.8917, 0.3270, 0.3736



72.8917, 0.3013, 0.3615



72.8917, 0.2793, 0.3397

Triad

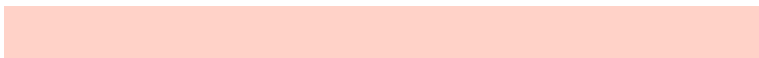
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



72.8917, 0.3013, 0.3615



72.8917, 0.2762, 0.2871



72.8917, 0.3614, 0.3392

Complementary

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



72.8917, 0.3013, 0.3615



58.5899, 0.3262, 0.2986

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.



72.8917, 0.3467, 0.3177



72.8917, 0.3013, 0.3615



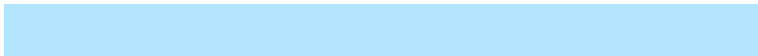
72.8917, 0.2970, 0.2884

Square

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



72.8917, 0.3013, 0.3615



72.8917, 0.2652, 0.2966



72.8917, 0.3228, 0.2995



72.8917, 0.3624, 0.3592

Rectangle

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



72.8917, 0.3013, 0.3615



72.8917, 0.2694, 0.3233



72.8917, 0.3228, 0.2995



72.8917, 0.3579, 0.3319

Sweetspot

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



72.8948, 0.3013, 0.3615



96.5868, 0.3090, 0.3388



76.2416, 0.3302, 0.3765



20.5974, 0.3086, 0.3399



0.0000, 0.0000, 0.0000



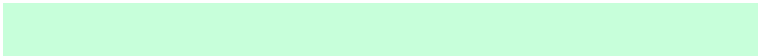
21.4041, 0.3127, 0.3290

Same Dimension

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



72.8948, 0.3013, 0.3615



88.7322, 0.2991, 0.3687



73.9625, 0.2890, 0.3371



16.1715, 0.3068, 0.3447



32.3890, 0.2853, 0.5470



2.4105, 0.2770, 0.5173

Inverse Universe

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



58.5899, 0.3262, 0.2986



68.0870, 0.3294, 0.2924



57.5727, 0.3429, 0.3211



14.5256, 0.3191, 0.3138



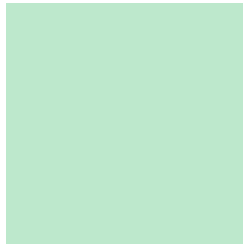
10.7945, 0.4327, 0.2157



0.8151, 0.4122, 0.2044

Previews

White Background



This preview shows how the Yxy color 72.8917, 0.3013, 0.3615 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 72.8917, 0.3013, 0.3615 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

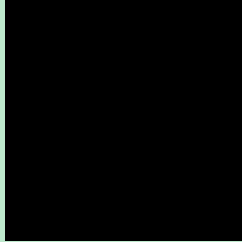
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

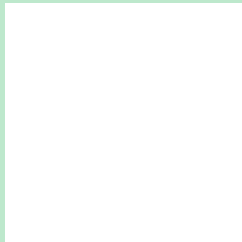
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 72.8917, 0.3013, 0.3615

Background



This preview shows how black text looks on a background with the Yxy color 72.8917, 0.3013, 0.3615.

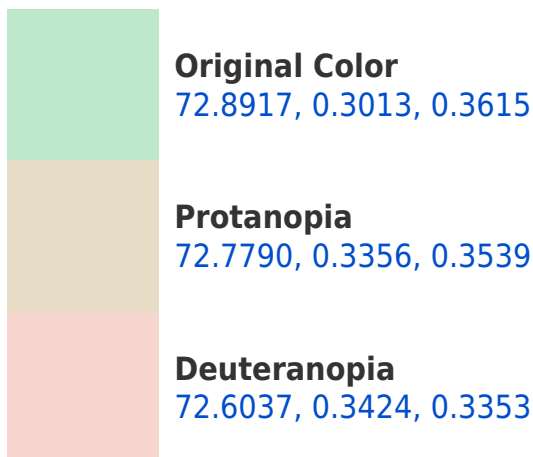


This preview shows how white text looks on a background with the Yxy color 72.8917, 0.3013, 0.3615.

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

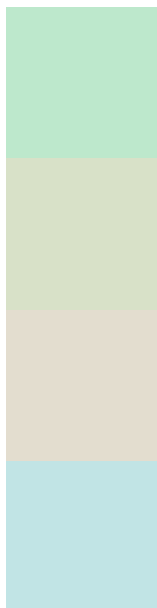




Tritanopia

72.6601, 0.2820, 0.3091

Trichromacy



Original Color

72.8917, 0.3013, 0.3615

Protanomaly

72.6195, 0.3227, 0.3569

Deuteranomaly

72.5488, 0.3264, 0.3442

Tritanomaly

72.4814, 0.2889, 0.3278

Monochromacy



Original Color

72.8917, 0.3013, 0.3615

Achromatopsia

68.6685, 0.3127, 0.3290

Achromatomaly

70.1178, 0.3080, 0.3403

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.8917, 0.3013, 0.3615 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, 232, 204)` looks like.

```
.text, #text, p{  
    color:rgb(189, 232, 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(189, 232, 204) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 232, 204) }
```

Border

The CSS property to change the border of an element to Yxy 72.8917, 0.3013, 0.3615 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, 232, 204) }
```

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

```
.border{ border-color:rgb(189, 232, 204) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 232, 204)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 232, 204); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 232, 204);  
box-shadow:4px 4px 4px 4px rgb(189, 232,  
204) }
```


Background

The CSS property to change the background color of an element to Yxy 72.8917, 0.3013, 0.3615 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 232, 204) }
```

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

```
.background{ background-color: rgb(189,  
232, 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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