

Converting Colors

$Yxy(72.4224, 0.2961, 0.3332)$

Have a look what the booklet for
Yxy(72.4224, 0.2961, 0.3332)
contains.

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Color

Yxy(72.4080, 0.2963, 0.3335)

Conversions

Conversions Part 1

Format	Color
Hex	C7E3DF
RGB	199, 227, 223
RGB Percent	78%, 89%, 87%
CMY	0.2197, 0.1097, 0.1256
CMYK	0.12, 0.00, 0.02, 0.11
HSL	171°, 33%, 84%
HSV	171°, 12%, 89%
XYZ	64.3313, 72.4080, 80.3761
YIQ	218.1720, -15.4040, -7.1800

Conversions

Conversions Part 2

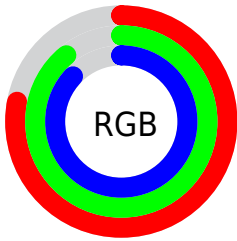
Format	Color
RYB	199, 214, 227
Decimal	13099999
CIELab	88.16, -9.99, -1.16
CIELCh	88, 10.052, 186.620
Yxy	72.4080, 0.2963, 0.3335
Android (android.graphics.Color)	4291290079 (0xFFC7E3DF)
YUV	218.1720, 2.3802, -16.8138
Hunter-Lab	85.0929, -13.9643, 3.5615

Details

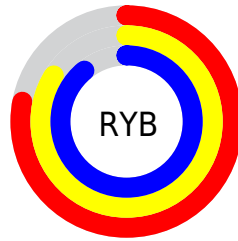
The Yxy color **72.4080, 0.2963, 0.3335** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **61.4774, 0.3320, 0.3246**, and the grayscale version is **70.2239, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **38.3519, 0.2925, 0.3349** is the 20% darker color. If you saturate the color by 10%, you get **69.3596, 0.2838, 0.3375**, and if you desaturate by 10%, it is **75.9291, 0.3095, 0.3298**.

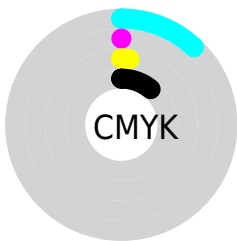
Distribution



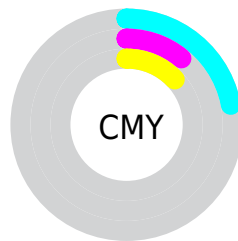
- Red (78%)
- Green (89%)
- Blue (87%)



- Red (78%)
- Yellow (84%)
- Blue (89%)



- Cyan (12%)
- Magenta (0%)
- Yellow (2%)
- Black (11%)



- Cyan (22%)
- Magenta (11%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 72.4080, 0.2963, 0.3335 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 72.4080, 0.2963, 0.3335 by changing the saturation by 10% instead.

■ 72.4080, 0.2963,
0.3335

■ 72.4080, 0.2963,
0.3335

468.9605, 0.3039,
0.3315

■ 53.4920, 0.2946,
0.3340

122.6364, 0.2989,
0.3328

■ 38.1957, 0.2924,
0.3345

154.7177, 0.3000,
0.3325

■ 26.1346, 0.2897,
0.3352

191.9561, 0.3008,
0.3323

■ 16.9244, 0.2862,
0.3362

234.7362, 0.3016,
0.3321

■ 10.1806, 0.2813,
0.3374

283.4423, 0.3023,
0.3319

■ 5.5189, 0.2743,
0.3392

338.4587, 0.3029,

■ 2.5548, 0.2633,

0.3317

0.3420

400.1700, 0.3034,
0.3316

0.9040, 0.2378,
0.3493

0.0000, 0.0000,
0.0000

72.4080, 0.2963,
0.3335

72.4080, 0.2963,
0.3335

69.3596, 0.2838,
0.3375

75.9291, 0.3095,
0.3298

66.7544, 0.2723,
0.3419


79.9329, 0.3232,
0.3265


64.5732, 0.2621,
0.3465


82.0787, 0.3285,
0.3233


62.7924, 0.2535,
0.3514

82.2674, 0.3263,
0.3201


 61.3856, 0.2466,
0.3564


 82.4595, 0.3242,
0.3169

 60.3235, 0.2417,
0.3615


 82.6552, 0.3220,
0.3137


 59.5722, 0.2387,
0.3666

 82.8544, 0.3199,
0.3106

 59.0909, 0.2376,
0.3717

 83.0571, 0.3177,
0.3074

 58.8548, 0.2377,
0.3756

 83.2634, 0.3156,
0.3043

Harmonies

Analogous

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



72.4080, 0.3068, 0.3435



72.4080, 0.2963, 0.3335



72.4080, 0.2902, 0.3224

Triad

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



72.4080, 0.2963, 0.3335



72.4080, 0.3061, 0.3095



72.4080, 0.3359, 0.3442

Complementary

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



72.4080, 0.2963, 0.3335



61.4774, 0.3320, 0.3246

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.



72.4080, 0.3358, 0.3349



72.4080, 0.2963, 0.3335



72.4080, 0.3184, 0.3151

Square

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



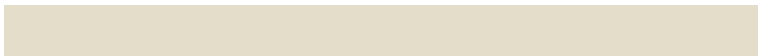
72.4080, 0.2963, 0.3335



72.4080, 0.2958, 0.3088



72.4080, 0.3293, 0.3243



72.4080, 0.3297, 0.3496

Rectangle

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



72.4080, 0.2963, 0.3335



72.4080, 0.2894, 0.3160



72.4080, 0.3293, 0.3243



72.4080, 0.3366, 0.3414

Sweetspot

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



72.4110, 0.2963, 0.3335



98.0221, 0.3073, 0.3304



71.7903, 0.3141, 0.3611



20.9036, 0.3063, 0.3307



0.0000, 0.0000, 0.0000



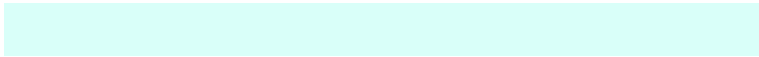
21.4041, 0.3127, 0.3290

Same Dimension

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



72.4110, 0.2963, 0.3335



93.1032, 0.2928, 0.3346



67.4129, 0.2936, 0.3178



16.2988, 0.3001, 0.3324



34.3320, 0.2375, 0.3748



2.5468, 0.2354, 0.3674

Inverse Universe

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



61.4774, 0.3320, 0.3246



76.0452, 0.3370, 0.3235



65.9506, 0.3337, 0.3399



14.4017, 0.3270, 0.3256



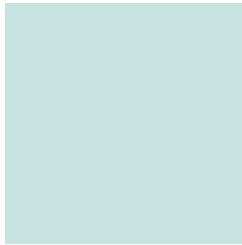
9.5977, 0.6201, 0.3190



0.7199, 0.5853, 0.2998

Previews

White Background



This preview shows how the Yxy color 72.4080, 0.2963, 0.3335 looks on a white background.

Color Contrast Check

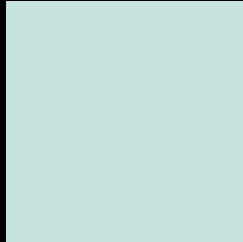
Large Text (above 18pt) WCAG AA × Fail

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 72.4080, 0.2963, 0.3335 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

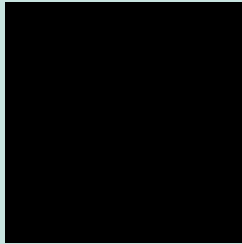
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

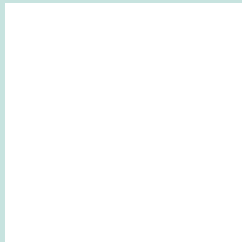
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 72.4080, 0.2963, 0.3335

Background



This preview shows how black text looks on a background with the Yxy color 72.4080, 0.2963, 0.3335.

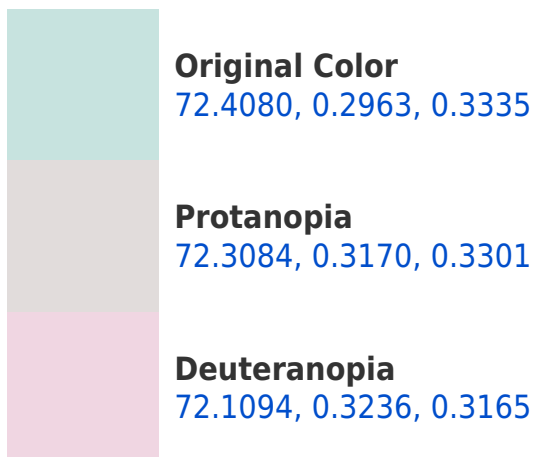


This preview shows how white text looks on a background with the Yxy color 72.4080, 0.2963, 0.3335.

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

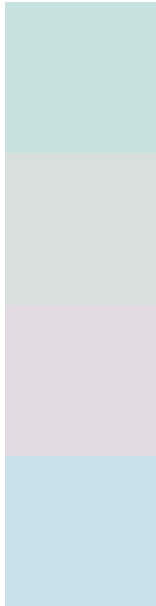




Tritanopia

72.2787, 0.2868, 0.3092

Trichromacy



Original Color

72.4080, 0.2963, 0.3335

Protanomaly

72.5416, 0.3098, 0.3323

Deuteranomaly

72.1068, 0.3130, 0.3226

Tritanomaly

72.2661, 0.2903, 0.3179

Monochromacy



Original Color

72.4080, 0.2963, 0.3335

Achromatopsia

70.1102, 0.3127, 0.3290

Achromatomaly

70.7291, 0.3063, 0.3301

CSS Examples

Text

The CSS property to change the color of the text to Yxy 72.4080, 0.2963, 0.3335 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(199, 227, 223)` looks like.

```
.text, #text, p{  
    color:rgb(199, 227, 223)  
}
```

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(199, 227, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(199, 227, 223) }
```

Border

The CSS property to change the border of an element to Yxy 72.4080, 0.2963, 0.3335 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(199, 227, 223) }
```

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

```
.border{ border-color:rgb(199, 227, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(199, 227, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(199, 227, 223); -webkit-box-shadow:4px 4px 4px 4px rgb(199, 227, 223); box-shadow:4px 4px 4px 4px rgb(199, 227, 223) }
```


Background

The CSS property to change the background color of an element to $\text{Yxy } 72.4080, 0.2963, 0.3335$ is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(199, 227, 223) }
```

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

```
.background{ background-color: rgb(199,  
227, 223) }
```

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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