

Converting Colors

$Yxy(77.5378, 0.2853, 0.3340)$

Have a look what the booklet for
Yxy(77.5378, 0.2853, 0.3340)
contains.

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Color

Yxy(77.3987, 0.2853, 0.3334)

Conversions

Conversions Part 1

Format	Color
Hex	BEEDE9
RGB	190, 237, 233
RGB Percent	75%, 93%, 91%
CMY	0.2547, 0.0706, 0.0864
CMYK	0.20, 0.00, 0.02, 0.07
HSL	175°, 57%, 84%
HSV	175°, 20%, 93%
XYZ	66.2323, 77.3987, 88.5187
YIQ	222.4910, -26.7280, -11.2080

Conversions

Conversions Part 2

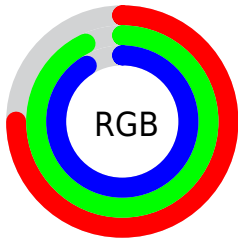
Format	Color
R _Y B	190, 215, 237
Decimal	12512745
CIE Lab	90.50, -15.79, -3.03
CIE LCh	91, 16.079, 190.872
Yxy	77.3987, 0.2853, 0.3334
Android (android.graphics.Color)	4290702825 (0xFFBEEDE9)
YUV	222.4910, 5.1809, -28.4946
Hunter-Lab	87.9765, -19.5769, 1.9282

Details

The Yxy color **77.3987, 0.2853, 0.3334** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **58.7492, 0.3487, 0.3247**, and the grayscale version is **73.3954, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.5142, 0.3078, 0.3290**, and **41.4563, 0.2795, 0.3348** is the 20% darker color. If you saturate the color by 10%, you get **74.4779, 0.2729, 0.3359**, and if you desaturate by 10%, it is **80.8235, 0.2988, 0.3311**.

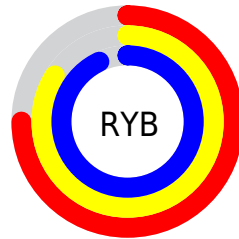
Distribution



Red (75%)

Green (93%)

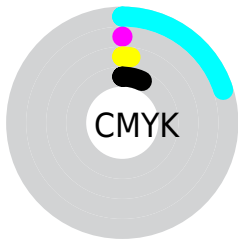
Blue (91%)



Red (75%)

Yellow (84%)

Blue (93%)

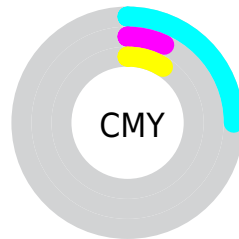


Cyan (20%)

Magenta (0%)

Yellow (2%)

Black (7%)



Cyan (25%)


Magenta (7%)

Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 77.3987, 0.2853, 0.3334 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 77.3987, 0.2853, 0.3334 by changing the saturation by 10% instead.

 77.3987, 0.2853,
0.3334

 77.3987, 0.2853,
0.3334


486.1223, 0.2978,
0.3315

 57.5802, 0.2825,
0.3338


 129.7021, 0.2896,
0.3328

 41.4712, 0.2791,
0.3343


162.9558, 0.2913,
0.3325

 28.6875, 0.2747,
0.3349

201.4567, 0.2927,
0.3323

 18.8445, 0.2691,
0.3356

245.5891, 0.2940,
0.3321

 11.5580, 0.2616,
0.3366

295.7375, 0.2951,
0.3319

 6.4435, 0.2510,
0.3378

352.2862, 0.2961,

 3.1166, 0.2349,

0.3318

415.6197, 0.2970,
0.3316

0.3394

1.1929, 0.2064,
0.3420

0.0559, 0.0000,
0.1700

77.3987, 0.2853,
0.3334

77.3987, 0.2853,
0.3334

74.4779, 0.2729,
0.3359

80.8235, 0.2988,
0.3311

72.0274, 0.2617,
0.3386

84.7650, 0.3130,
0.3290


70.0247, 0.2522,
0.3414

88.0631, 0.3235,
0.3270

68.4413, 0.2444,
0.3442

88.1838, 0.3222,
0.3250

 67.2454, 0.2386,
0.3472

 88.3060, 0.3209,
0.3231

 66.4009, 0.2347,
0.3501


 88.4295, 0.3196,
0.3211


 65.8647, 0.2327,
0.3531

 88.5543, 0.3184,
0.3191

 65.5654, 0.2322,
0.3559

 88.6806, 0.3171,
0.3172

 65.5606, 0.2322,
0.3560

 88.8082, 0.3158,
0.3152

Harmonies

Analogous

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



77.3987, 0.3007, 0.3500



77.3987, 0.2853, 0.3334



77.3987, 0.2772, 0.3161

Triad

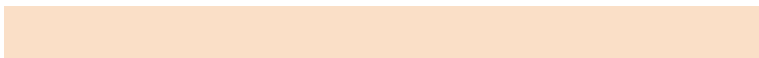
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



77.3987, 0.2853, 0.3334



77.3987, 0.3049, 0.2997



77.3987, 0.3483, 0.3541

Complementary

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



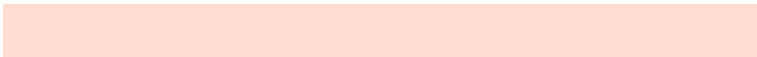
77.3987, 0.2853, 0.3334



58.7492, 0.3487, 0.3247

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.



77.3987, 0.3496, 0.3401



77.3987, 0.2853, 0.3334



77.3987, 0.3241, 0.3093

Square

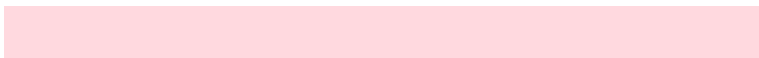
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



77.3987, 0.2853, 0.3334



77.3987, 0.2882, 0.2973



77.3987, 0.3407, 0.3239



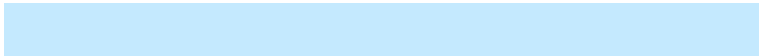
77.3987, 0.3372, 0.3619

Rectangle

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



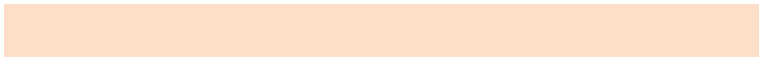
77.3987, 0.2853, 0.3334



77.3987, 0.2768, 0.3067



77.3987, 0.3407, 0.3239



77.3987, 0.3499, 0.3500

Sweetspot

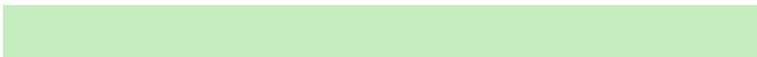
The Sweet Spot groups the original color and five complimentary colors.



77.4019, 0.2853, 0.3334



97.1286, 0.3041, 0.3303



75.8545, 0.3133, 0.3831



20.7256, 0.3032, 0.3304



0.0000, 0.0000, 0.0000



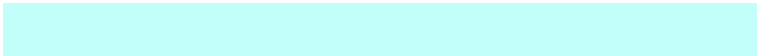
21.4041, 0.3127, 0.3290

Same Dimension

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



77.4019, 0.2853, 0.3334



89.8497, 0.2798, 0.3345



67.3229, 0.2818, 0.3076



17.0983, 0.2993, 0.3310



35.8042, 0.2321, 0.3555



2.8181, 0.2310, 0.3515

Inverse Universe

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



58.7492, 0.3487, 0.3247



63.8802, 0.3588, 0.3237



67.2398, 0.3481, 0.3495



15.0750, 0.3279, 0.3270



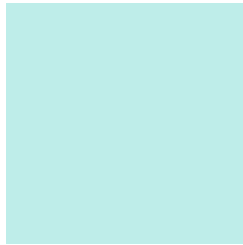
9.8658, 0.6304, 0.3246



0.7819, 0.6073, 0.3119

Previews

White Background



This preview shows how the Yxy color 77.3987, 0.2853, 0.3334 looks on a white background.

Color Contrast Check

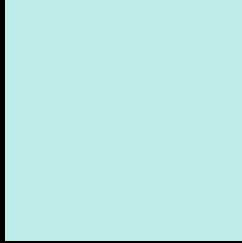
Large Text (above 18pt) WCAG AA × Fail

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 77.3987, 0.2853, 0.3334 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

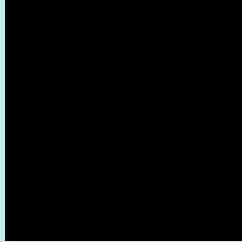
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

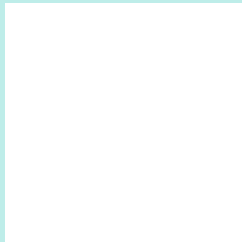
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 77.3987, 0.2853, 0.3334

Background



This preview shows how black text looks on a background with the Yxy color 77.3987, 0.2853, 0.3334.

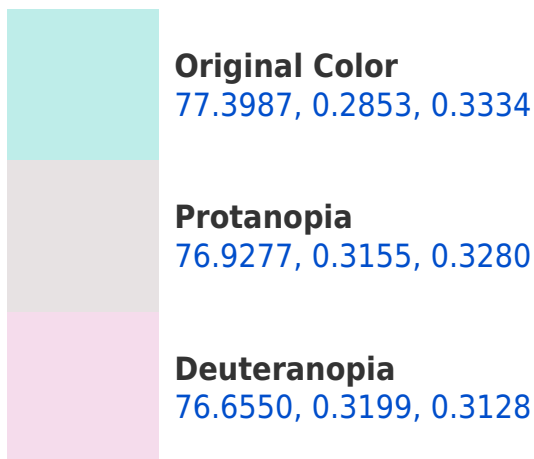


This preview shows how white text looks on a background with the Yxy color 77.3987, 0.2853, 0.3334.

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

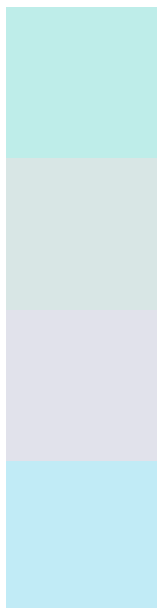




Tritanopia

77.4068, 0.2765, 0.3084

Trichromacy



Original Color

77.3987, 0.2853, 0.3334

Protanomaly

76.8497, 0.3039, 0.3301

Deuteranomaly

76.3984, 0.3063, 0.3195

Tritanomaly

77.4079, 0.2798, 0.3169

Monochromacy



Original Color

77.3987, 0.2853, 0.3334

Achromatopsia

73.7910, 0.3127, 0.3290

Achromatomaly

74.8817, 0.3018, 0.3301

CSS Examples

Text

The CSS property to change the color of the text to Yxy 77.3987, 0.2853, 0.3334 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(190, 237, 233)` looks like.

```
.text, #text, p{  
    color:rgb(190, 237, 233)  
}
```

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(190, 237, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(190, 237, 233) }
```

Border

The CSS property to change the border of an element to Yxy 77.3987, 0.2853, 0.3334 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(190, 237, 233) }
```

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

```
.border{ border-color:rgb(190, 237, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(190, 237, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(190, 237, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(190, 237, 233);  
box-shadow:4px 4px 4px 4px rgb(190, 237,  
233) }
```


Background

The CSS property to change the background color of an element to Yxy 77.3987, 0.2853, 0.3334 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(190, 237, 233) }
```

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

```
.background{ background-color: rgb(190,  
237, 233) }
```

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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