

Converting Colors

$Yxy(73.9970, 0.2996, 0.3460)$

Have a look what the booklet for
Yxy(73.9970, 0.2996, 0.3460)
contains.

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Color

Yxy(73.9800, 0.2993, 0.3459)

Conversions

Conversions Part 1

Format	Color
Hex	C5E7D8
RGB	197, 231, 216
RGB Percent	77%, 91%, 85%
CMY	0.2271, 0.0942, 0.1529
CMYK	0.15, 0.00, 0.06, 0.09
HSL	154°, 41%, 84%
HSV	154°, 15%, 91%
XYZ	64.0133, 73.9800, 75.8835
YIQ	219.1240, -15.4490, -11.8730

Conversions

Conversions Part 2

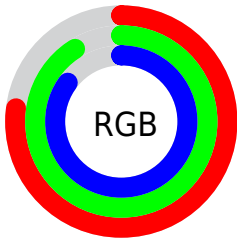
Format	Color
RYB	197, 219, 231
Decimal	12969944
CIELab	88.91, -13.94, 3.56
CIELCh	89, 14.384, 165.654
Yxy	73.9800, 0.2993, 0.3459
Android (android.graphics.Color)	4291160024 (0xFFC5E7D8)
YUV	219.1240, -1.5401, -19.4027
Hunter-Lab	86.0116, -17.6734, 7.8997

Details

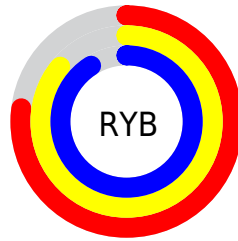
The Yxy color **73.9800, 0.2993, 0.3459** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **61.7103, 0.3285, 0.3127**, and the grayscale version is **70.9593, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.8108, 0.3121, 0.3290**, and **39.0728, 0.2963, 0.3499** is the 20% darker color. If you saturate the color by 10%, you get **70.5874, 0.2906, 0.3590**, and if you desaturate by 10%, it is **77.8894, 0.3084, 0.3341**.

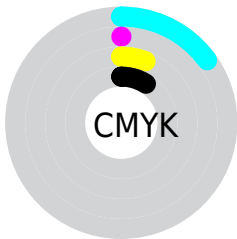
Distribution



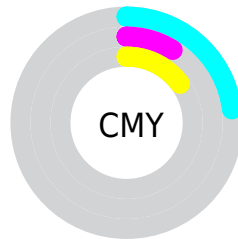
- Red (77%)
- Green (91%)
- Blue (85%)



- Red (77%)
- Yellow (86%)
- Blue (91%)



- Cyan (15%)
- Magenta (0%)
- Yellow (6%)
- Black (9%)



- Cyan (23%)
- Magenta (9%)
- Yellow (15%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 73.9800, 0.2993, 0.3459 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 73.9800, 0.2993, 0.3459 by changing the saturation by 10% instead.

■ 73.9800, 0.2993,
0.3459

■ 73.9800, 0.2993,
0.3459

474.4043, 0.3055,
0.3380

■ 54.7777, 0.2979,
0.3477

124.8675, 0.3015,
0.3431

■ 39.2237, 0.2961,
0.3500

157.3214, 0.3023,
0.3421

■ 26.9338, 0.2938,
0.3529

194.9613, 0.3030,
0.3412

■ 17.5235, 0.2909,
0.3567

238.1715, 0.3037,
0.3404

■ 10.6085, 0.2868,
0.3620

287.3366, 0.3042,
0.3397

■ 5.8042, 0.2808,
0.3697

342.8408, 0.3047,

■ 2.7264, 0.2714,

0.3391

405.0686, 0.3052,
0.3385

0.3822

0.9906, 0.2476,
0.4105

0.0000, 0.0000,
0.0000

73.9800, 0.2993,
0.3459

73.9800, 0.2993,
0.3459

70.5874, 0.2906,
0.3590

77.8894, 0.3084,
0.3341

67.6799, 0.2826,
0.3733

82.3270, 0.3177,
0.3235

65.2368, 0.2756,
0.3888

85.0943, 0.3191,
0.3138

63.2320, 0.2700,
0.4053

85.6233, 0.3138,
0.3058

■ 61.6368, 0.2660,
0.4224

■ 60.4190, 0.2639,
0.4398

■ 59.5411, 0.2639,
0.4572

■ 58.9576, 0.2658,
0.4740

■ 58.7292, 0.2674,
0.4827

Harmonies

Analogous

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



73.9800, 0.3163, 0.3566



73.9800, 0.2993, 0.3459



73.9800, 0.2861, 0.3304

Triad

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



73.9800, 0.2993, 0.3459



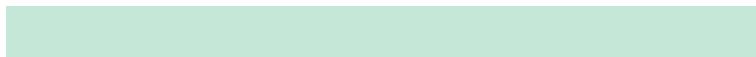
73.9800, 0.2925, 0.3000



73.9800, 0.3467, 0.3414

Complementary

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



73.9800, 0.2993, 0.3459



61.7103, 0.3285, 0.3127

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.



73.9800, 0.3400, 0.3267



73.9800, 0.2993, 0.3459



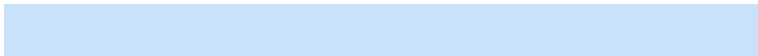
73.9800, 0.3084, 0.3033

Square

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



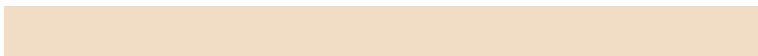
73.9800, 0.2993, 0.3459



73.9800, 0.2822, 0.3041



73.9800, 0.3258, 0.3129



73.9800, 0.3440, 0.3535

Rectangle

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



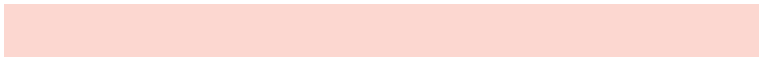
73.9800, 0.2993, 0.3459



73.9800, 0.2811, 0.3199



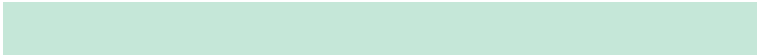
73.9800, 0.3258, 0.3129



73.9800, 0.3454, 0.3367

Sweetspot

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



73.9831, 0.2993, 0.3459



97.8299, 0.3090, 0.3334



75.2252, 0.3214, 0.3669



20.8549, 0.3083, 0.3342



0.0000, 0.0000, 0.0000



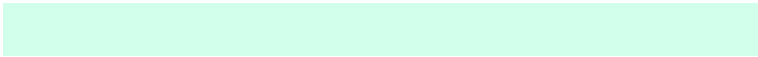
21.4041, 0.3127, 0.3290

Same Dimension

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



73.9831, 0.2993, 0.3459



91.0731, 0.2963, 0.3502



73.8485, 0.2904, 0.3270



16.2233, 0.3040, 0.3396



32.9547, 0.2667, 0.4801



2.4539, 0.2600, 0.4559

Inverse Universe

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



61.7103, 0.3285, 0.3127



72.5872, 0.3328, 0.3087



61.7642, 0.3398, 0.3310



14.4732, 0.3223, 0.3187



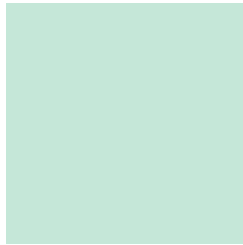
10.0856, 0.5201, 0.2639



0.7637, 0.4838, 0.2439

Previews

White Background



This preview shows how the Yxy color 73.9800, 0.2993, 0.3459 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 73.9800, 0.2993, 0.3459 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

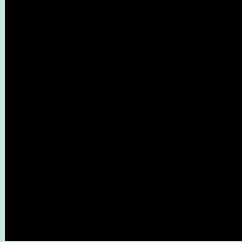
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

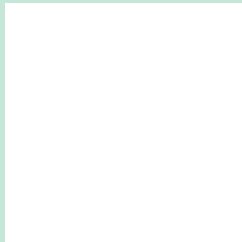
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 73.9800, 0.2993, 0.3459

Background



This preview shows how black text looks on a background with the Yxy color 73.9800, 0.2993, 0.3459.

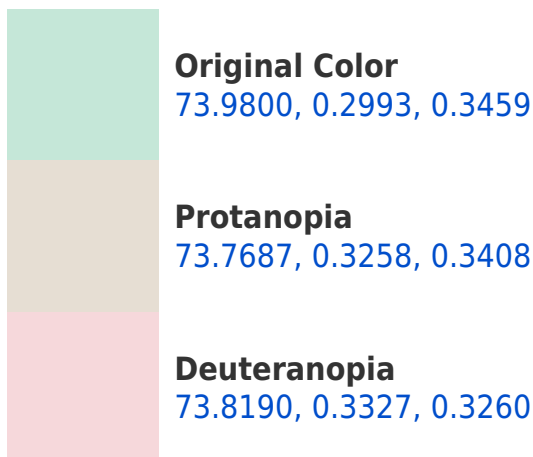


This preview shows how white text looks on a background with the Yxy color 73.9800, 0.2993, 0.3459.

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

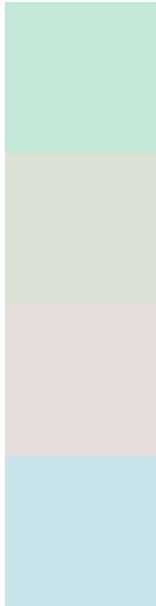




Tritanopia

74.0873, 0.2852, 0.3094

Trichromacy



Original Color

73.9800, 0.2993, 0.3459

Protanomaly

73.5599, 0.3156, 0.3422

Deuteranomaly

73.2688, 0.3197, 0.3322

Tritanomaly

73.7067, 0.2904, 0.3223

Monochromacy



Original Color

73.9800, 0.2993, 0.3459

Achromatopsia

70.8376, 0.3127, 0.3290

Achromatomaly

71.6862, 0.3076, 0.3345

CSS Examples

Text

The CSS property to change the color of the text to Yxy 73.9800, 0.2993, 0.3459 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(197, 231, 216)` looks like.

```
.text, #text, p{  
    color:rgb(197, 231, 216)  
}
```

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(197, 231, 216) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 231, 216) }
```

Border

The CSS property to change the border of an element to Yxy 73.9800, 0.2993, 0.3459 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(197, 231, 216) }
```

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

```
.border{ border-color:rgb(197, 231, 216) }
```

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

Here you see how a box with a 4 pixel rgb(197, 231, 216) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 231, 216); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 231, 216);  
box-shadow:4px 4px 4px 4px rgb(197, 231,  
216) }
```


Background

The CSS property to change the background color of an element to Yxy 73.9800, 0.2993, 0.3459 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 231, 216) }
```

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

```
.background{ background-color: rgb(197,  
231, 216) }
```

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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