

Converting Colors

$Yxy(74.5123, 0.2899, 0.3212)$

Have a look what the booklet for
Yxy(74.5123, 0.2899, 0.3212)
contains.

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Color

Yxy(74.5123, 0.2899, 0.3212)

Conversions

Conversions Part 1

Format	Color
Hex	C9E5EC
RGB	201, 229, 236
RGB Percent	79%, 90%, 93%
CMY	0.2117, 0.1020, 0.0744
CMYK	0.15, 0.03, 0.00, 0.07
HSL	192°, 48%, 86%
HSV	192°, 15%, 93%
XYZ	67.2513, 74.5123, 90.2174
YIQ	221.4260, -18.9350, -3.7590

Conversions

Conversions Part 2

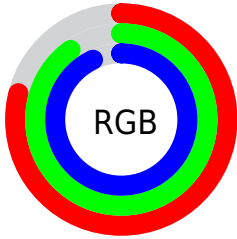
Format	Color
R_{YB}	201, 217, 236
Decimal	13231596
CIE _{Lab}	89.16, -7.75, -6.53
CIE _{LCh}	89, 10.134, 220.123
Yxy	74.5123, 0.2899, 0.3212
Android (android.graphics.Color)	4291421676 (0xFFC9E5EC)
YUV	221.4260, 7.1850, -17.9136
Hunter-Lab	86.3205, -11.9936, -1.5423

Details

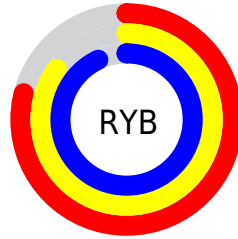
The Yxy color **74.5123, 0.2899, 0.3212** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **67.1852, 0.3393, 0.3367**, and the grayscale version is **72.5833, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.7704, 0.2852, 0.3203** is the 20% darker color. If you saturate the color by 10%, you get **68.9052, 0.2750, 0.3153**, and if you desaturate by 10%, it is **80.6997, 0.3052, 0.3266**.

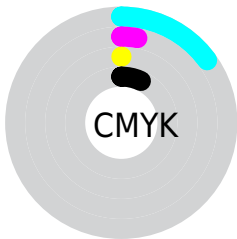
Distribution



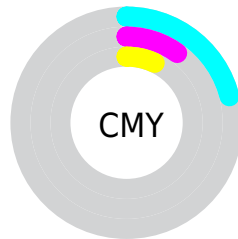
- Red (79%)
- Green (90%)
- Blue (93%)



- Red (79%)
- Yellow (85%)
- Blue (93%)



- Cyan (15%)
- Magenta (3%)
- Yellow (0%)
- Black (7%)



- Cyan (21%)
- Magenta (10%)
- Yellow (7%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 74.5123, 0.2899, 0.3212 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 74.5123, 0.2899, 0.3212 by changing the saturation by 10% instead.

■ 74.5123, 0.2899,
0.3212

■ 74.5123, 0.2899,
0.3212

476.2396, 0.3003,
0.3249

■ 55.2134, 0.2875,
0.3203

125.6218, 0.2935,
0.3225

■ 39.5726, 0.2846,
0.3193

158.2012, 0.2949,
0.3230

■ 27.2055, 0.2810,
0.3179

195.9762, 0.2961,
0.3234

■ 17.7276, 0.2762,
0.3161

239.3312, 0.2972,
0.3238

■ 10.7546, 0.2698,
0.3135

288.6507, 0.2981,
0.3241

■ 5.9021, 0.2607,
0.3098

344.3190, 0.2989,

■ 2.7856, 0.2467,

0.3244

406.7205, 0.2997,
0.3247

0.3038

1.0209, 0.2222,
0.2926

0.0000, 0.0000,
0.0000

74.5123, 0.2899,
0.3212

74.5123, 0.2899,
0.3212

68.9052, 0.2750,
0.3153

80.6997, 0.3052,
0.3266

63.8458, 0.2609,
0.3090

87.4802, 0.3207,
0.3315

59.3120, 0.2478,
0.3023

91.5475, 0.3248,
0.3360

55.2762, 0.2362,
0.2953

94.4233, 0.3244,
0.3406

■ 51.7084, 0.2262,
0.2880

■ 97.3729, 0.3240,
0.3451

■ 48.5745, 0.2181,
0.2806

■ 98.8380, 0.3238,
0.3473

■ 45.8351, 0.2120,
0.2732

■ 43.4419, 0.2078,
0.2659

■ 42.3041, 0.2062,
0.2622

Harmonies

Analogous

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



74.5123, 0.2953, 0.3322



74.5123, 0.2899, 0.3212



74.5123, 0.2904, 0.3126

Triad

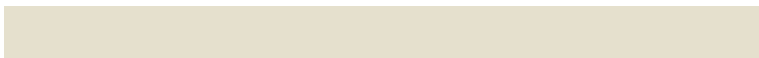
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.5123, 0.2899, 0.3212



74.5123, 0.3198, 0.3161



74.5123, 0.3286, 0.3499

Complementary

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



74.5123, 0.2899, 0.3212



67.1852, 0.3393, 0.3367

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.



74.5123, 0.3355, 0.3450



74.5123, 0.2899, 0.3212



74.5123, 0.3303, 0.3256

Square

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



74.5123, 0.2899, 0.3212



74.5123, 0.3075, 0.3099



74.5123, 0.3361, 0.3361



74.5123, 0.3176, 0.3490

Rectangle

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



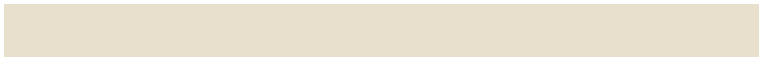
74.5123, 0.2899, 0.3212



74.5123, 0.2941, 0.3094



74.5123, 0.3361, 0.3361



74.5123, 0.3315, 0.3488

Sweetspot

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



74.5154, 0.2899, 0.3212



96.8171, 0.3065, 0.3270



76.9820, 0.3066, 0.3605



20.5975, 0.3053, 0.3266



0.0000, 0.0000, 0.0000



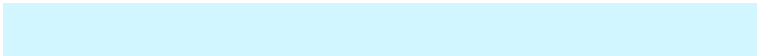
21.4041, 0.3127, 0.3290

Same Dimension

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



74.5154, 0.2899, 0.3212



86.5717, 0.2850, 0.3194



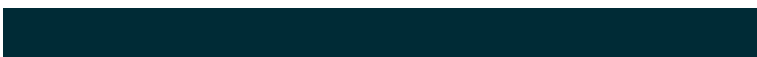
65.3205, 0.2892, 0.3015



16.5783, 0.2981, 0.3242



23.4999, 0.2065, 0.2634



1.9754, 0.2093, 0.2735

Inverse Universe

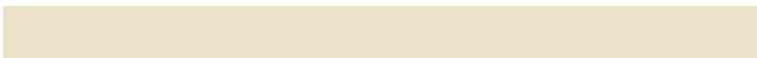
The Inverse Universe completely reimagines the original color for something new.



65.2716, 0.3195, 0.2995



73.5507, 0.3212, 0.2928



76.1897, 0.3366, 0.3551



15.2589, 0.3169, 0.3104



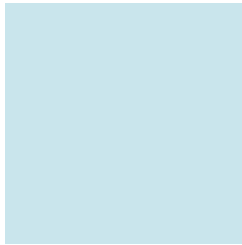
11.8651, 0.3792, 0.1862



0.9448, 0.3696, 0.1809

Previews

White Background



This preview shows how the Yxy color 74.5123, 0.2899, 0.3212 looks on a white background.

Color Contrast Check

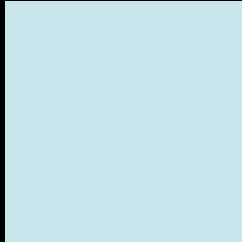
Large Text (above 18pt) WCAG AA × Fail

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 74.5123, 0.2899, 0.3212 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

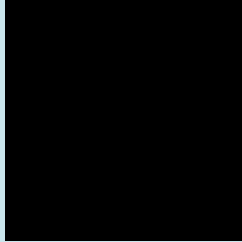
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

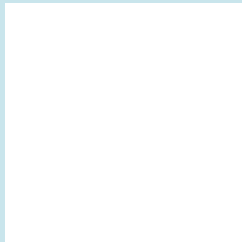
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 74.5123, 0.2899, 0.3212

Background



This preview shows how black text looks on a background with the Yxy color 74.5123, 0.2899, 0.3212.

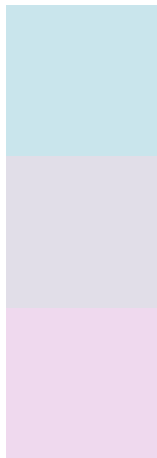


This preview shows how white text looks on a background with the Yxy color 74.5123, 0.2899, 0.3212.

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



Original Color

74.5123, 0.2899, 0.3212

Protanopia

74.0763, 0.3083, 0.3184

Deuteranopia

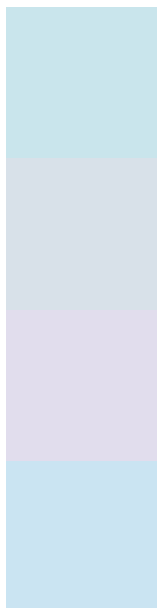
74.1495, 0.3144, 0.3074



Tritanopia

74.2885, 0.2853, 0.3083

Trichromacy



Original Color

74.5123, 0.2899, 0.3212

Protanomaly

74.3325, 0.3015, 0.3203

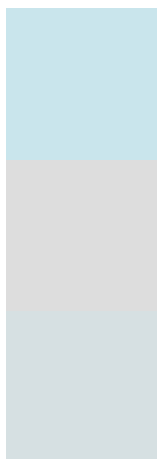
Deuteranomaly

73.8349, 0.3051, 0.3121

Tritanomaly

74.4542, 0.2870, 0.3137

Monochromacy



Original Color

74.5123, 0.2899, 0.3212

Achromatopsia

72.3055, 0.3127, 0.3290

Achromatomaly

73.0984, 0.3045, 0.3268

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.5123, 0.2899, 0.3212 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(201, 229, 236)` looks like.

```
.text, #text, p{  
    color:rgb(201, 229, 236)  
}
```

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(201, 229, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(201, 229, 236) }
```

Border

The CSS property to change the border of an element to Yxy 74.5123, 0.2899, 0.3212 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(201, 229, 236) }
```

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

```
.border{ border-color:rgb(201, 229, 236) }
```

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

Here you see how a box with a 4 pixel rgb(201, 229, 236) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(201, 229, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(201, 229, 236);  
box-shadow:4px 4px 4px 4px rgb(201, 229,  
236) }
```


Background

The CSS property to change the background color of an element to Yxy 74.5123, 0.2899, 0.3212 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(201, 229, 236) }
```

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

```
.background{ background-color: rgb(201,  
229, 236) }
```

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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