

Converting Colors

$Yxy(74.9222, 0.2952, 0.3345)$

Have a look what the booklet for
Yxy(74.9222, 0.2952, 0.3345)
contains.

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Color

Yxy(74.9222, 0.2952, 0.3345)

Conversions

Conversions Part 1

Format	Color
Hex	C8E7E2
RGB	200, 231, 226
RGB Percent	78%, 91%, 89%
CMY	0.2158, 0.0941, 0.1136
CMYK	0.13, 0.00, 0.02, 0.09
HSL	170°, 39%, 85%
HSV	170°, 13%, 91%
XYZ	66.1197, 74.9222, 82.9408
YIQ	221.1610, -16.8710, -8.1270

Conversions

Conversions Part 2

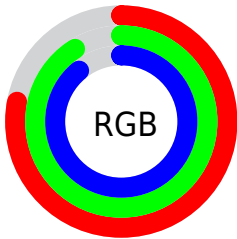
Format	Color
R _Y B	200, 217, 231
Decimal	13166562
CIE Lab	89.36, -11.09, -1.01
CIE LCh	89, 11.138, 185.184
Yxy	74.9222, 0.2952, 0.3345
Android (android.graphics.Color)	4291356642 (0xFFC8E7E2)
YUV	221.1610, 2.3856, -18.5582
Hunter-Lab	86.5576, -15.1231, 3.7778

Details

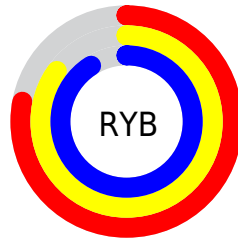
The Yxy color **74.9222, 0.2952, 0.3345** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **62.6943, 0.3335, 0.3236**, and the grayscale version is **72.4168, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **39.7112, 0.2911, 0.3348** is the 20% darker color. If you saturate the color by 10%, you get **71.7799, 0.2830, 0.3391**, and if you desaturate by 10%, it is **78.5557, 0.3082, 0.3303**.

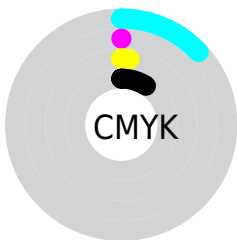
Distribution



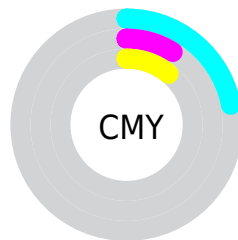
- Red (78%)
- Green (91%)
- Blue (89%)



- Red (78%)
- Yellow (85%)
- Blue (91%)



- Cyan (13%)
- Magenta (0%)
- Yellow (2%)
- Black (9%)



- Cyan (22%)
- Magenta (9%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 74.9222, 0.2952, 0.3345 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 74.9222, 0.2952, 0.3345 by changing the saturation by 10% instead.

■ 74.9222, 0.2952,
0.3345

■ 74.9222, 0.2952,
0.3345

477.6501, 0.3033,
0.3320

■ 55.5492, 0.2934,
0.3351

126.2022, 0.2980,
0.3336

■ 39.8416, 0.2911,
0.3358

158.8780, 0.2991,
0.3333

■ 27.4150, 0.2883,
0.3366

196.7568, 0.3000,
0.3330

■ 17.8852, 0.2846,
0.3377

240.2230, 0.3008,
0.3328

■ 10.8676, 0.2795,
0.3393

289.6611, 0.3015,
0.3325

■ 5.9779, 0.2723,
0.3414

345.4554, 0.3022,

■ 2.8316, 0.2611,

0.3323

0.3447

407.9902, 0.3027,
0.3322

1.0445, 0.2398,
0.3510

0.0000, 0.0000,
0.0000

74.9222, 0.2952,
0.3345

74.9222, 0.2952,
0.3345

71.7799, 0.2830,
0.3391

78.5557, 0.3082,
0.3303

69.0980, 0.2718,
0.3440

82.6911, 0.3216,
0.3266

66.8563, 0.2619,
0.3492

84.5412, 0.3252,
0.3230

65.0298, 0.2535,
0.3547

84.7608, 0.3228,
0.3194

■ 63.5907, 0.2470,
0.3603

■ 84.9849, 0.3204,
0.3158

■ 62.5078, 0.2424,
0.3661

■ 85.2136, 0.3180,
0.3122

■ 61.7453, 0.2398,
0.3719

■ 85.4469, 0.3157,
0.3087

■ 61.2594, 0.2390,
0.3776

■ 85.6372, 0.3138,
0.3058

■ 61.0460, 0.2393,
0.3814

Harmonies

Analogous

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



74.9222, 0.3068, 0.3454



74.9222, 0.2952, 0.3345



74.9222, 0.2883, 0.3223

Triad

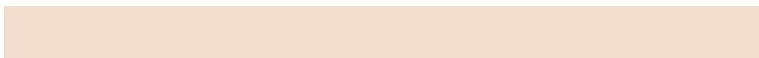
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.9222, 0.2952, 0.3345



74.9222, 0.3048, 0.3075



74.9222, 0.3383, 0.3452

Complementary

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



74.9222, 0.2952, 0.3345



62.6943, 0.3335, 0.3236

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.



74.9222, 0.3378, 0.3349



74.9222, 0.2952, 0.3345



74.9222, 0.3183, 0.3134

Square

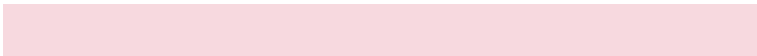
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.9222, 0.2952, 0.3345



74.9222, 0.2937, 0.3070



74.9222, 0.3304, 0.3233



74.9222, 0.3318, 0.3514

Rectangle

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



74.9222, 0.2952, 0.3345



74.9222, 0.2872, 0.3152



74.9222, 0.3304, 0.3233



74.9222, 0.3390, 0.3421

Sweetspot

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



74.9253, 0.2952, 0.3345



98.0113, 0.3074, 0.3306



74.3265, 0.3146, 0.3641



20.9009, 0.3064, 0.3309



0.0000, 0.0000, 0.0000



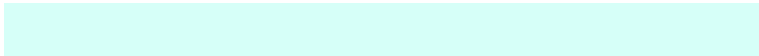
21.4041, 0.3127, 0.3290

Same Dimension

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



74.9253, 0.2952, 0.3345



92.6509, 0.2919, 0.3357



69.5824, 0.2919, 0.3174



16.2945, 0.3003, 0.3328



34.2356, 0.2390, 0.3804



2.5406, 0.2367, 0.3721

Inverse Universe

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



62.6943, 0.3335, 0.3236



74.6621, 0.3384, 0.3225



67.4113, 0.3358, 0.3404



14.4056, 0.3267, 0.3252



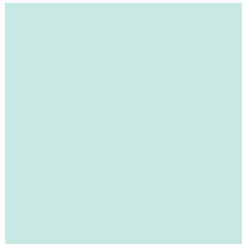
9.6115, 0.6166, 0.3170



0.7218, 0.5797, 0.2967

Previews

White Background



This preview shows how the Yxy color 74.9222, 0.2952, 0.3345 looks on a white background.

Color Contrast Check

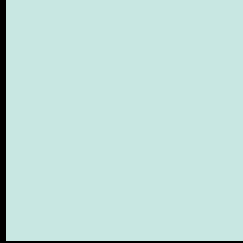
Large Text (above 18pt) WCAG AA × Fail

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 74.9222, 0.2952, 0.3345 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

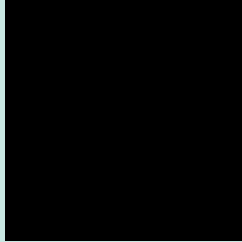
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

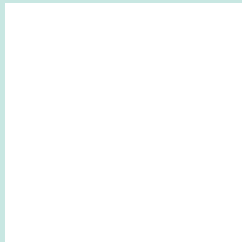
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 74.9222, 0.2952, 0.3345

Background



This preview shows how black text looks on a background with the Yxy color 74.9222, 0.2952, 0.3345.

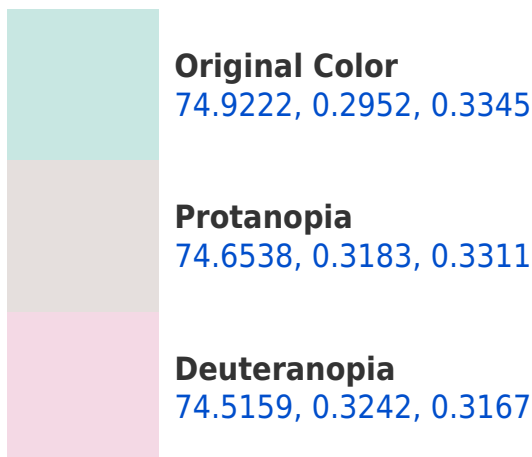


This preview shows how white text looks on a background with the Yxy color 74.9222, 0.2952, 0.3345.

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

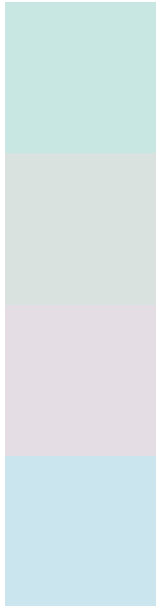




Tritanopia

74.9780, 0.2860, 0.3095

Trichromacy



Original Color

74.9222, 0.2952, 0.3345

Protanomaly

74.6259, 0.3091, 0.3322

Deuteranomaly

74.3380, 0.3130, 0.3226

Tritanomaly

74.9671, 0.2894, 0.3180

Monochromacy



Original Color

74.9222, 0.2952, 0.3345

Achromatopsia

72.3055, 0.3127, 0.3290

Achromatomaly

73.3243, 0.3057, 0.3312

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.9222, 0.2952, 0.3345 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(200, 231, 226)` looks like.

```
.text, #text, p{  
    color:rgb(200, 231, 226)  
}
```

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(200, 231, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 231, 226) }
```

Border

The CSS property to change the border of an element to Yxy 74.9222, 0.2952, 0.3345 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(200, 231, 226) }
```

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

```
.border{ border-color:rgb(200, 231, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 231, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(200, 231, 226); -webkit-box-  
shadow:4px 4px 4px 4px rgb(200, 231, 226);  
box-shadow:4px 4px 4px 4px rgb(200, 231,  
226) }
```


Background

The CSS property to change the background color of an element to Yxy 74.9222, 0.2952, 0.3345 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 231, 226) }
```

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

```
.background{ background-color: rgb(200,  
231, 226) }
```

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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