

# Converting Colors

$Yxy(74.2474, 0.2919, 0.3391)$

Have a look what the booklet for  
Yxy(74.2474, 0.2919, 0.3391)  
contains.

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# Color

**Yxy(74.2474, 0.2919, 0.3391)**

# Conversions

## Conversions Part 1

Format	Color
Hex	C0E8DF
RGB	192, 232, 223
RGB Percent	75%, 91%, 87%
CMY	0.2471, 0.0902, 0.1254
CMYK	0.17, 0.00, 0.04, 0.09
HSL	167°, 47%, 83%
HSV	167°, 17%, 91%
XYZ	63.9128, 74.2474, 80.7941
YIQ	219.0140, -20.9510, -11.2790

# Conversions

## Conversions Part 2

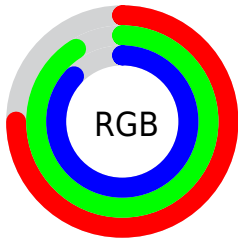
Format	Color
R <sub>Y</sub> B	192, 215, 232
Decimal	12642527
CIE Lab	89.04, -14.71, 0.04
CIE LCh	89, 14.710, 179.858
Yxy	74.2474, 0.2919, 0.3391
Android (android.graphics.Color)	4290832607 (0xFFC0E8DF)
YUV	219.0140, 1.9651, -23.6913
Hunter-Lab	86.1669, -18.3930, 4.7238

# Details

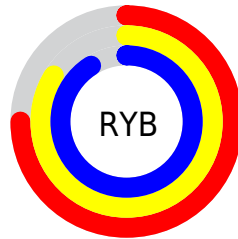
The Yxy color **74.2474, 0.2919, 0.3391** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **59.0622, 0.3386, 0.3192**, and the grayscale version is **70.8459, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.8797, 0.3090, 0.3290**, and **39.2811, 0.2870, 0.3409** is the 20% darker color. If you saturate the color by 10%, you get **71.1808, 0.2808, 0.3457**, and if you desaturate by 10%, it is **77.8062, 0.3038, 0.3330**.

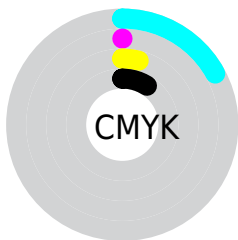
# Distribution



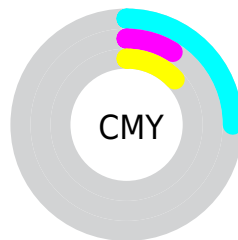
- Red (75%)
- Green (91%)
- Blue (87%)



- Red (75%)
- Yellow (84%)
- Blue (91%)



- Cyan (17%)
- Magenta (0%)
- Yellow (4%)
- Black (9%)




- Cyan (25%)
- Magenta (9%)
- Yellow (13%)

# Brightness & Saturation Gradients

These gradients show how the Yxy color 74.2474, 0.2919, 0.3391 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 74.2474, 0.2919, 0.3391 by changing the saturation by 10% instead.




 74.2474, 0.2919,  
0.3391

 74.2474, 0.2919,  
0.3391


475.3268, 0.3015,  
0.3345

 54.9966, 0.2897,  
0.3402


 125.2465, 0.2952,  
0.3375

 39.3990, 0.2870,  
0.3415


157.7634, 0.2965,  
0.3369

 27.0702, 0.2836,  
0.3431


195.4713, 0.2976,  
0.3363

 17.6260, 0.2792,  
0.3453

238.7543, 0.2986,  
0.3359

 10.6818, 0.2731,  
0.3482

287.9970, 0.2995,  
0.3354

 5.8533, 0.2644,  
0.3524

343.5837, 0.3002,

 2.7561, 0.2509,

0.3351

0.3590

405.8989, 0.3009,  
0.3347

1.0058, 0.2201,  
0.3739

0.0000, 0.0000,  
0.0000

74.2474, 0.2919,  
0.3391

74.2474, 0.2919,  
0.3391

71.1808, 0.2808,  
0.3457

77.8062, 0.3038,  
0.3330

68.5747, 0.2707,  
0.3529


81.8687, 0.3161,  
0.3276

66.4080, 0.2619,  
0.3605

85.1883, 0.3242,  
0.3225

64.6544, 0.2548,  
0.3684


85.4997, 0.3208,  
0.3175


 63.2846, 0.2494,  
0.3766


 85.8201, 0.3175,  
0.3125


 62.2654, 0.2461,  
0.3849

 86.1494, 0.3142,  
0.3075

 61.5579, 0.2448,  
0.3933

 86.1975, 0.3138,  
0.3068

 61.1112, 0.2452,  
0.4015

 61.0115, 0.2455,  
0.4038

# Harmonies

## Analogous

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



74.2474, 0.3079, 0.3529



74.2474, 0.2919, 0.3391



74.2474, 0.2815, 0.3227

# Triad

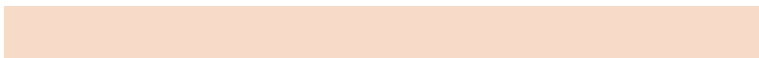
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.2474, 0.2919, 0.3391



74.2474, 0.2992, 0.3000



74.2474, 0.3473, 0.3481

# Complementary

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



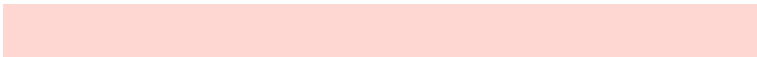
74.2474, 0.2919, 0.3391



59.0622, 0.3386, 0.3192

# 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.



74.2474, 0.3449, 0.3339



74.2474, 0.2919, 0.3391



74.2474, 0.3168, 0.3067

# Square

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



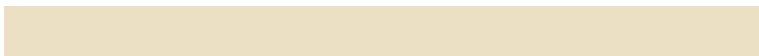
74.2474, 0.2919, 0.3391



74.2474, 0.2857, 0.3006



74.2474, 0.3336, 0.3189



74.2474, 0.3401, 0.3578

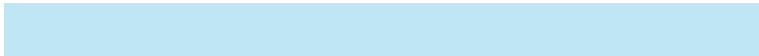


# Rectangle

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



74.2474, 0.2919, 0.3391



74.2474, 0.2791, 0.3128



74.2474, 0.3336, 0.3189



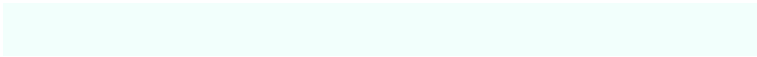
74.2474, 0.3476, 0.3437

# Sweetspot

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



74.2505, 0.2919, 0.3391



97.4787, 0.3065, 0.3318



73.9841, 0.3169, 0.3749



20.7914, 0.3056, 0.3322



0.0000, 0.0000, 0.0000



21.4041, 0.3127, 0.3290

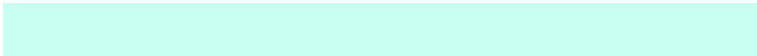


# Same Dimension

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



74.2505, 0.2919, 0.3391



90.4704, 0.2875, 0.3416



68.9194, 0.2861, 0.3168



16.2782, 0.3011, 0.3343



33.8885, 0.2451, 0.4025



2.5179, 0.2418, 0.3904



# Inverse Universe

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



59.0622, 0.3386, 0.3192



68.0710, 0.3458, 0.3168



63.5102, 0.3439, 0.3409



14.4207, 0.3257, 0.3237



9.6777, 0.6002, 0.3080

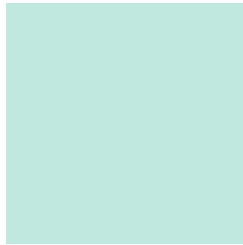


0.7290, 0.5595, 0.2856



# Previews

## White Background



This preview shows how the Yxy color 74.2474, 0.2919, 0.3391 looks on a white background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA × Fail

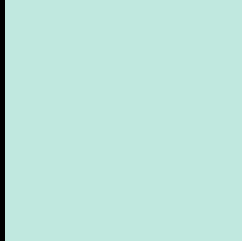
Any Text WCAG AA × Fail

Large Text (above 18pt) WCAG AAA × Fail

Any Text WCAG AAA × Fail



# Black Background



This preview shows how the Yxy color 74.2474, 0.2919, 0.3391 looks on a black background.

## Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

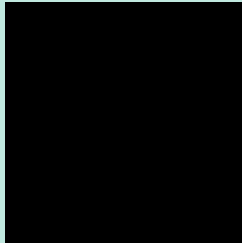
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

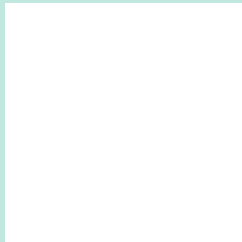
If you want to check with other color combinations, try the [Color Contrast Checker](#).

**Yxy 74.2474, 0.2919, 0.3391**

## **Background**



This preview shows how black text looks on a background with the Yxy color 74.2474, 0.2919, 0.3391.

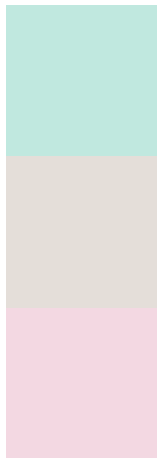


This preview shows how white text looks on a background with the Yxy color 74.2474, 0.2919, 0.3391.

# 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



<b>Original Color</b>
74.2474, 0.2919, 0.3391
<b>Protanopia</b>
73.7463, 0.3203, 0.3344
<b>Deuteranopia</b>
73.6574, 0.3256, 0.3187



## Tritanopia

73.9380, 0.2805, 0.3081

# Trichromacy



## Original Color

74.2474, 0.2919, 0.3391

## Protanomaly

73.9543, 0.3096, 0.3367

## Deuteranomaly

73.5261, 0.3122, 0.3258

## Tritanomaly

73.8138, 0.2850, 0.3189

# Monochromacy



## Original Color

74.2474, 0.2919, 0.3391

## Achromatopsia

70.8376, 0.3127, 0.3290

## Achromatomaly

72.0339, 0.3049, 0.3334

# CSS Examples

## Text

The CSS property to change the color of the text to Yxy 74.2474, 0.2919, 0.3391 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(192, 232, 223)` looks like.

```
.text, #text, p{  
    color:rgb(192, 232, 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(192, 232, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 232, 223) }
```

## Border

The CSS property to change the border of an element to Yxy 74.2474, 0.2919, 0.3391 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(192, 232, 223) }
```

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

```
.border{ border-color:rgb(192, 232, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(192, 232, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 232, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 232, 223);  
box-shadow:4px 4px 4px 4px rgb(192, 232,  
223) }
```



# Background

The CSS property to change the background color of an element to Yxy 74.2474, 0.2919, 0.3391 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 232, 223) }
```

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

```
.background{ background-color: rgb(192,  
232, 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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