

Converting Colors

$Yxy(74.9124, 0.2834, 0.3190)$

Have a look what the booklet for
Yxy(74.9124, 0.2834, 0.3190)
contains.

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Color

Yxy(74.9124, 0.2834, 0.3190)

Conversions

Conversions Part 1

Format	Color
Hex	C2E7F0
RGB	194, 231, 240
RGB Percent	76%, 91%, 94%
CMY	0.2391, 0.0941, 0.0589
CMYK	0.19, 0.04, 0.00, 0.06
HSL	192°, 60%, 85%
HSV	192°, 19%, 94%
XYZ	66.5523, 74.9124, 93.3704
YIQ	220.9630, -24.9410, -5.0450

Conversions

Conversions Part 2

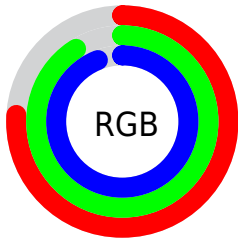
Format	Color
R _Y B	194, 215, 240
Decimal	12773360
CIE Lab	89.35, -10.11, -8.37
CIE LCh	89, 13.124, 219.627
Yxy	74.9124, 0.2834, 0.3190
Android (android.graphics.Color)	4290963440 (0xFFC2E7F0)
YUV	220.9630, 9.3852, -23.6466
Hunter-Lab	86.5519, -14.2122, -3.3745

Details

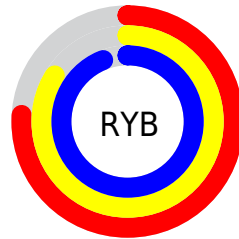
The Yxy color **74.9124, 0.2834, 0.3190** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **65.1249, 0.3486, 0.3388**, and the grayscale version is **72.2281, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.2492, 0.3102, 0.3290**, and **39.6961, 0.2769, 0.3159** is the 20% darker color. If you saturate the color by 10%, you get **69.4042, 0.2688, 0.3131**, and if you desaturate by 10%, it is **81.0097, 0.2986, 0.3244**.

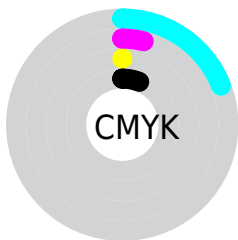
Distribution



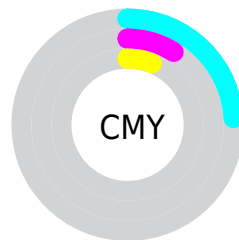
- Red (76%)
- Green (91%)
- Blue (94%)



- Red (76%)
- Yellow (84%)
- Blue (94%)



- Cyan (19%)
- Magenta (4%)
- Yellow (0%)
- Black (6%)



- Cyan (24%)
- Magenta (9%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 74.9124, 0.2834, 0.3190 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 74.9124, 0.2834, 0.3190 by changing the saturation by 10% instead.

■ 74.9124, 0.2834,
0.3190

■ 74.9124, 0.2834,
0.3190

■ 477.6164, 0.2968,
0.3238

■ 55.5411, 0.2804,
0.3179

■ 126.1884, 0.2880,
0.3207

■ 39.8351, 0.2767,
0.3165

■ 158.8618, 0.2898,
0.3213

■ 27.4100, 0.2720,
0.3147

■ 196.7381, 0.2914,
0.3219

■ 17.8814, 0.2660,
0.3123

■ 240.2017, 0.2927,
0.3224

■ 10.8649, 0.2580,
0.3090

■ 289.6369, 0.2939,
0.3228

■ 5.9760, 0.2465,
0.3042

■ 345.4282, 0.2950,

■ 2.8305, 0.2292,

0.3231

0.2963

407.9599, 0.2959,
0.3235

1.0439, 0.1991,
0.2818

0.0000, 0.0000,
0.0000

74.9124, 0.2834,
0.3190

74.9124, 0.2834,
0.3190

69.4042, 0.2688,
0.3131

81.0097, 0.2986,
0.3244

64.4507, 0.2552,
0.3068

87.7103, 0.3140,
0.3294

60.0279, 0.2427,
0.3001

92.8908, 0.3223,
0.3340

56.1062, 0.2318,
0.2932

95.7627, 0.3219,
0.3385

■ 52.6526, 0.2228,
0.2860

■ 98.7070, 0.3215,
0.3429

■ 49.6294, 0.2156,
0.2789

■ 99.0699, 0.3215,
0.3435

■ 46.9924, 0.2104,
0.2717

■ 44.6736, 0.2070,
0.2646

■ 44.4842, 0.2067,
0.2640

Harmonies

Analogous

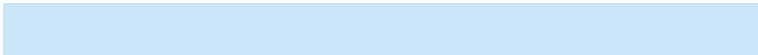
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



74.9124, 0.2905, 0.3333



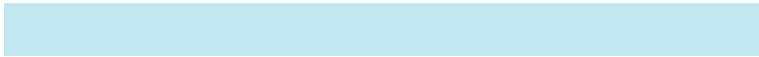
74.9124, 0.2834, 0.3190



74.9124, 0.2839, 0.3079

Triad

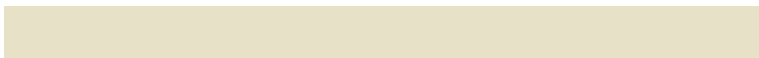
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.9124, 0.2834, 0.3190



74.9124, 0.3215, 0.3122



74.9124, 0.3335, 0.3560

Complementary

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



74.9124, 0.2834, 0.3190



65.1249, 0.3486, 0.3388

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.



74.9124, 0.3423, 0.3494



74.9124, 0.2834, 0.3190



74.9124, 0.3353, 0.3243

Square

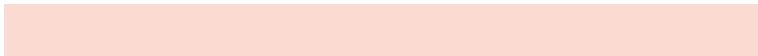
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



74.9124, 0.2834, 0.3190



74.9124, 0.3056, 0.3044



74.9124, 0.3430, 0.3378



74.9124, 0.3192, 0.3551

Rectangle

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



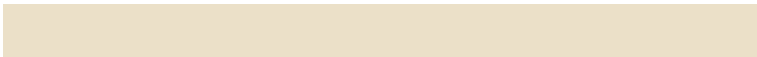
74.9124, 0.2834, 0.3190



74.9124, 0.2885, 0.3037



74.9124, 0.3430, 0.3378



74.9124, 0.3372, 0.3546

Sweetspot

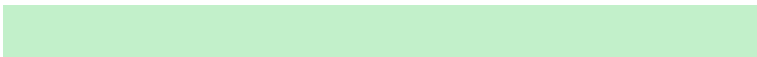
The Sweet Spot groups the original color and five complimentary colors.



74.9155, 0.2834, 0.3190



95.3216, 0.3034, 0.3261



78.0635, 0.3053, 0.3717



20.2971, 0.3024, 0.3257



0.0000, 0.0000, 0.0000



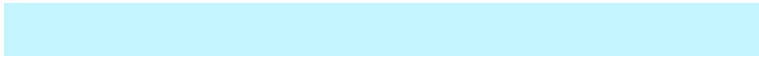
21.4041, 0.3127, 0.3290

Same Dimension

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



74.9155, 0.2834, 0.3190



83.4331, 0.2776, 0.3167



63.1528, 0.2819, 0.2934



17.3739, 0.2981, 0.3243



24.5465, 0.2070, 0.2652



2.1745, 0.2096, 0.2745

Inverse Universe

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



62.8827, 0.3215, 0.2903



67.4022, 0.3237, 0.2822



76.4965, 0.3443, 0.3622



15.9754, 0.3168, 0.3102



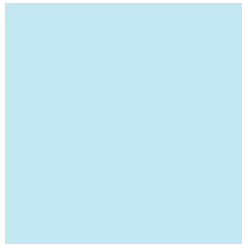
12.2713, 0.3774, 0.1853



1.0342, 0.3686, 0.1804

Previews

White Background



This preview shows how the Yxy color 74.9124, 0.2834, 0.3190 looks on a white background.

Color Contrast Check

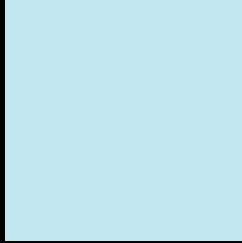
Large Text (above 18pt) WCAG AA × Fail

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 74.9124, 0.2834, 0.3190 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

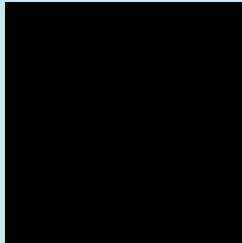
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 74.9124, 0.2834, 0.3190

Background



This preview shows how black text looks on a background with the Yxy color 74.9124, 0.2834, 0.3190.

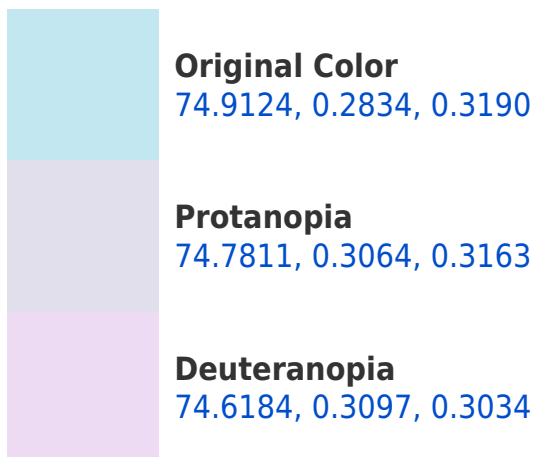


This preview shows how white text looks on a background with the Yxy color 74.9124, 0.2834, 0.3190.

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

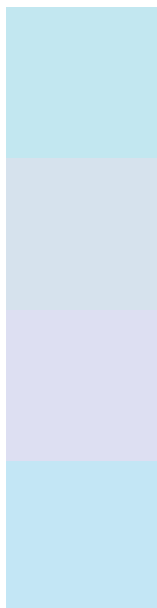




Tritanopia

75.1067, 0.2801, 0.3093

Trichromacy



Original Color

74.9124, 0.2834, 0.3190

Protanomaly

74.8033, 0.2977, 0.3171

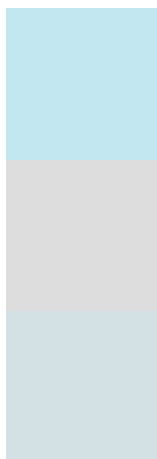
Deuteranomaly

74.5583, 0.2993, 0.3089

Tritanomaly

74.7883, 0.2811, 0.3125

Monochromacy



Original Color

74.9124, 0.2834, 0.3190

Achromatopsia

72.3055, 0.3127, 0.3290

Achromatomaly

73.3007, 0.3012, 0.3257

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.9124, 0.2834, 0.3190 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(194, 231, 240)` looks like.

```
.text, #text, p{  
    color:rgb(194, 231, 240)  
}
```

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(194, 231, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 231, 240) }
```

Border

The CSS property to change the border of an element to Yxy 74.9124, 0.2834, 0.3190 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(194, 231, 240) }
```

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

```
.border{ border-color:rgb(194, 231, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 231, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 231, 240); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 231, 240);  
box-shadow:4px 4px 4px 4px rgb(194, 231,  
240) }
```


Background

The CSS property to change the background color of an element to Yxy 74.9124, 0.2834, 0.3190 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 231, 240) }
```

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

```
.background{ background-color: rgb(194,  
231, 240) }
```

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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