

Converting Colors

$Yxy(74.5860, 0.2813, 0.3364)$

Have a look what the booklet for
Yxy(74.5860, 0.2813, 0.3364)
contains.

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Color

Yxy(74.6018, 0.2814, 0.3369)

Conversions

Conversions Part 1

Format	Color
Hex	B3EBE4
RGB	179, 235, 228
RGB Percent	70%, 92%, 89%
CMY	0.2978, 0.0785, 0.1058
CMYK	0.24, 0.00, 0.03, 0.08
HSL	173°, 58%, 81%
HSV	173°, 24%, 92%
XYZ	62.3121, 74.6018, 84.5221
YIQ	217.4580, -31.1290, -14.0490

Conversions

Conversions Part 2

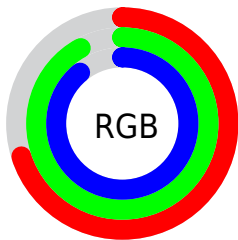
Format	Color
RYB	179, 209, 235
Decimal	11791332
CIELab	89.21, -19.12, -2.42
CIElCh	89, 19.269, 187.212
Yxy	74.6018, 0.2814, 0.3369
Android (android.graphics.Color)	4289981412 (0xFFB3EBE4)
YUV	217.4580, 5.1972, -33.7277
Hunter-Lab	86.3723, -22.3753, 2.4407

Details

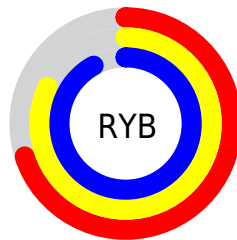
The Yxy color **74.6018, 0.2814, 0.3369** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **53.4688, 0.3561, 0.3213**, and the grayscale version is **69.7070, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.5729, 0.3011, 0.3290**, and **39.6173, 0.2740, 0.3380** is the 20% darker color. If you saturate the color by 10%, you get **71.8768, 0.2699, 0.3407**, and if you desaturate by 10%, it is **77.8128, 0.2940, 0.3334**.

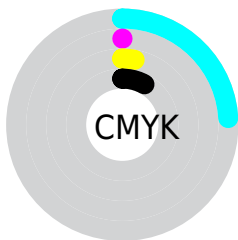
Distribution



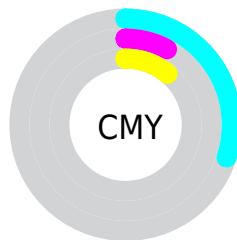
- Red (70%)
- Green (92%)
- Blue (89%)



- Red (70%)
- Yellow (82%)
- Blue (92%)



- Cyan (24%)
- Magenta (0%)
- Yellow (3%)
- Black (8%)




- Cyan (30%)
- Magenta (8%)
- Yellow (11%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 74.6018, 0.2814, 0.3369 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 74.6018, 0.2814, 0.3369 by changing the saturation by 10% instead.


 74.6018, 0.2814,
0.3369

 74.6018, 0.2814,
0.3369


476.5478, 0.2958,
0.3334

 55.2867, 0.2782,
0.3377

 125.7485, 0.2864,
0.3357

 39.6313, 0.2742,
0.3386

158.3490, 0.2883,
0.3352

 27.2512, 0.2691,
0.3398


196.1467, 0.2900,
0.3348

 17.7620, 0.2626,
0.3413

239.5260, 0.2914,
0.3345

 10.7792, 0.2538,
0.3433

288.8714, 0.2927,
0.3341

 5.9186, 0.2412,
0.3459

344.5673, 0.2938,

 2.7956, 0.2220,

0.3339

406.9979, 0.2948,
0.3336

0.3498

1.0260, 0.1766,
0.3610

0.0000, 0.0000,
0.0000

74.6018, 0.2814,
0.3369

74.6018, 0.2814,
0.3369

71.8768, 0.2699,
0.3407

77.8128, 0.2940,
0.3334

69.6045, 0.2597,
0.3447

81.5232, 0.3075,
0.3302


67.7616, 0.2511,
0.3489


85.7571, 0.3214,
0.3272

66.3192, 0.2444,
0.3532

86.9487, 0.3232,
0.3244


 65.2445, 0.2396,
0.3576


 87.1242, 0.3214,
0.3215

 64.4999, 0.2368,
0.3620


 87.3025, 0.3195,
0.3187

 64.0394, 0.2358,
0.3664

 87.4836, 0.3176,
0.3159

 63.8529, 0.2359,
0.3691

 87.6676, 0.3158,
0.3131

 87.8544, 0.3140,
0.3103

Harmonies

Analogous

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



74.6018, 0.3008, 0.3568



74.6018, 0.2814, 0.3369



74.6018, 0.2704, 0.3155

Triad

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



74.6018, 0.2814, 0.3369



74.6018, 0.3003, 0.2928



74.6018, 0.3568, 0.3575

Complementary

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



74.6018, 0.2814, 0.3369



53.4688, 0.3561, 0.3213

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.



74.6018, 0.3569, 0.3399



74.6018, 0.2814, 0.3369



74.6018, 0.3237, 0.3034

Square

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



74.6018, 0.2814, 0.3369



74.6018, 0.2810, 0.2910



74.6018, 0.3446, 0.3203



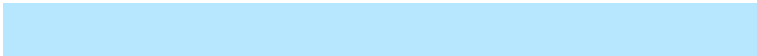
74.6018, 0.3445, 0.3683

Rectangle

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



74.6018, 0.2814, 0.3369



74.6018, 0.2691, 0.3036



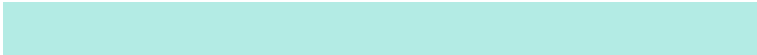
74.6018, 0.3446, 0.3203



74.6018, 0.3583, 0.3521

Sweetspot

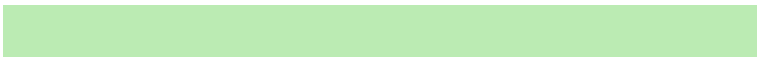
The Sweet Spot groups the original color and five complimentary colors.



74.6048, 0.2814, 0.3369



96.6277, 0.3031, 0.3312



73.1728, 0.3145, 0.3953



20.6232, 0.3022, 0.3314



0.0000, 0.0000, 0.0000



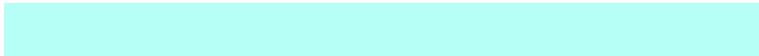
21.4041, 0.3127, 0.3290

Same Dimension

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



74.6048, 0.2814, 0.3369



87.9896, 0.2751, 0.3389



63.9250, 0.2756, 0.3050



17.0876, 0.2998, 0.3319



35.5525, 0.2357, 0.3684



2.8008, 0.2340, 0.3623

Inverse Universe

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



53.4688, 0.3561, 0.3213



58.0580, 0.3693, 0.3195



62.0247, 0.3571, 0.3518



15.0846, 0.3273, 0.3261



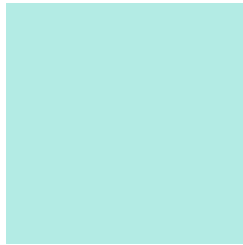
9.8900, 0.6241, 0.3212



0.7865, 0.5938, 0.3045

Previews

White Background



This preview shows how the Yxy color 74.6018, 0.2814, 0.3369 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 74.6018, 0.2814, 0.3369 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

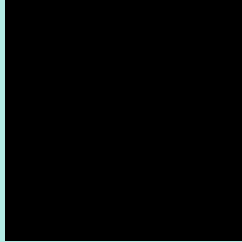
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

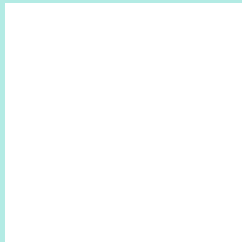
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 74.6018, 0.2814, 0.3369

Background



This preview shows how black text looks on a background with the Yxy color 74.6018, 0.2814, 0.3369.

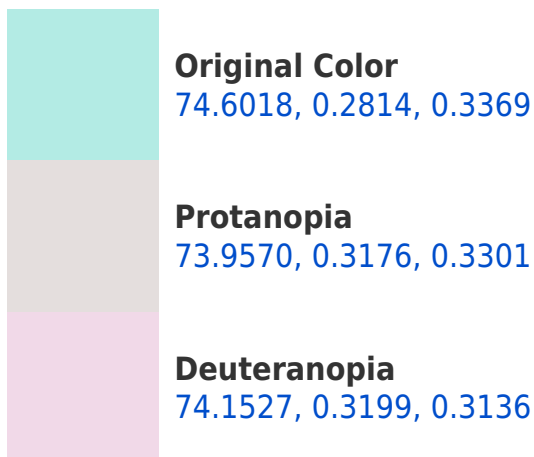


This preview shows how white text looks on a background with the Yxy color 74.6018, 0.2814, 0.3369.

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

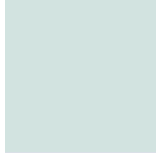
74.8057, 0.2721, 0.3090

Trichromacy



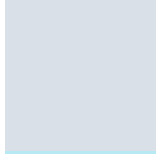
Original Color

74.6018, 0.2814, 0.3369



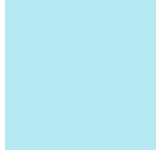
Protanomaly

74.0216, 0.3030, 0.3323



Deuteranomaly

73.9863, 0.3041, 0.3214



Tritanomaly

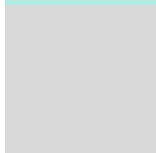
74.6337, 0.2753, 0.3188

Monochromacy



Original Color

74.6018, 0.2814, 0.3369



Achromatopsia

69.3872, 0.3127, 0.3290



Achromatomaly

71.2283, 0.3002, 0.3323

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.6018, 0.2814, 0.3369 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(179, 235, 228)` looks like.

```
.text, #text, p{  
    color:rgb(179, 235, 228)  
}
```

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(179, 235, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 235, 228) }
```

Border

The CSS property to change the border of an element to Yxy 74.6018, 0.2814, 0.3369 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(179, 235, 228) }
```

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

```
.border{ border-color:rgb(179, 235, 228) }
```

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

Here you see how a box with a 4 pixel rgb(179, 235, 228) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 235, 228); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 235, 228);  
box-shadow:4px 4px 4px 4px rgb(179, 235,  
228) }
```


Background

The CSS property to change the background color of an element to Yxy 74.6018, 0.2814, 0.3369 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 235, 228) }
```

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

```
.background{ background-color: rgb(179,  
235, 228) }
```

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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