

Converting Colors

$Yxy(74.0840, 0.2791, 0.3164)$

Have a look what the booklet for
Yxy(74.0840, 0.2791, 0.3164)
contains.

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Color

Yxy(74.3814, 0.2793, 0.3167)

Conversions

Conversions Part 1

Format	Color
Hex	BDE7F2
RGB	189, 231, 242
RGB Percent	74%, 91%, 95%
CMY	0.2586, 0.0941, 0.0511
CMYK	0.22, 0.05, 0.00, 0.05
HSL	192°, 67%, 85%
HSV	192°, 22%, 95%
XYZ	65.5975, 74.3814, 94.8850
YIQ	219.6960, -28.5630, -5.4830

Conversions

Conversions Part 2

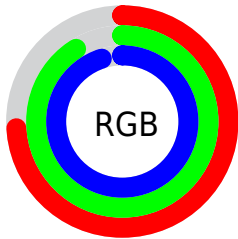
Format	Color
R _Y B	189, 212, 242
Decimal	12445682
CIE Lab	89.10, -11.17, -9.82
CIE LCh	89, 14.871, 221.336
Yxy	74.3814, 0.2793, 0.3167
Android (android.graphics.Color)	4290635762 (0xFFBDE7F2)
YUV	219.6960, 10.9959, -26.9204
Hunter-Lab	86.2447, -15.1614, -4.8587

Details

The Yxy color **74.3814, 0.2793, 0.3167** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **63.8808, 0.3548, 0.3410**, and the grayscale version is **71.2927, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.3328, 0.3072, 0.3290**, and **39.3560, 0.2718, 0.3129** is the 20% darker color. If you saturate the color by 10%, you get **68.7709, 0.2649, 0.3103**, and if you desaturate by 10%, it is **80.5950, 0.2944, 0.3226**.

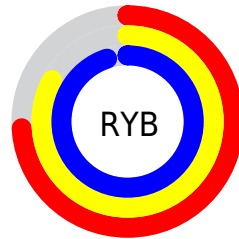
Distribution



Red (74%)

Green (91%)

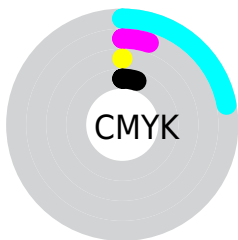
Blue (95%)



Red (74%)

Yellow (83%)

Blue (95%)

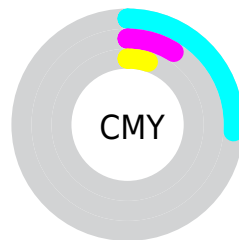


Cyan (22%)

Magenta (5%)

Yellow (0%)

Black (5%)



Cyan (26%)

Magenta (9%)

Yellow (5%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 74.3814, 0.2793, 0.3167 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 74.3814, 0.2793, 0.3167 by changing the saturation by 10% instead.


 74.3814, 0.2793,
0.3167

 74.3814, 0.2793,
0.3167


475.7887, 0.2945,
0.3226

 55.1063, 0.2759,
0.3153


 125.4363, 0.2845,
0.3188

 39.4868, 0.2717,
0.3136


157.9849, 0.2866,
0.3196

 27.1386, 0.2664,
0.3114


195.7267, 0.2884,
0.3202

 17.6774, 0.2596,
0.3085

239.0462, 0.2899,
0.3208

 10.7186, 0.2504,
0.3044

288.3278, 0.2913,
0.3213

 5.8780, 0.2375,
0.2984

343.9558, 0.2925,

 2.7710, 0.2180,

0.3218

0.2886

406.3146, 0.2936,
0.3222

■ 1.0134, 0.1834,
0.2712

■ 0.0000, 0.0000,
0.0000

■ 74.3814, 0.2793,
0.3167

■ 74.3814, 0.2793,
0.3167

■ 68.7709, 0.2649,
0.3103

■ 80.5950, 0.2944,
0.3226

■ 63.7280, 0.2514,
0.3034

■ 87.4270, 0.3098,
0.3280

■ 59.2275, 0.2392,
0.2962

■ 93.6190, 0.3210,
0.3330

■ 55.2381, 0.2286,
0.2887

■ 96.7173, 0.3206,
0.3378

■ 51.7248, 0.2198,
0.2811

■ 99.1894, 0.3203,
0.3415

■ 48.6477, 0.2131,
0.2734

■ 45.9587, 0.2082,
0.2658

■ 43.9974, 0.2055,
0.2596

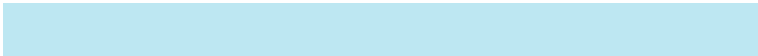
Harmonies

Analogous

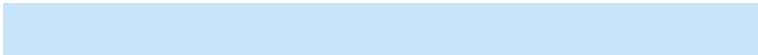
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



74.3814, 0.2868, 0.3329



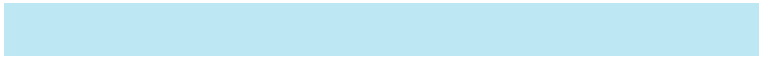
74.3814, 0.2793, 0.3167



74.3814, 0.2804, 0.3045

Triad

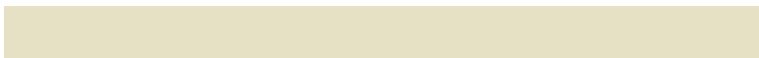
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.3814, 0.2793, 0.3167



74.3814, 0.3237, 0.3107



74.3814, 0.3355, 0.3599

Complementary

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



74.3814, 0.2793, 0.3167



63.8808, 0.3548, 0.3410

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.



74.3814, 0.3460, 0.3528



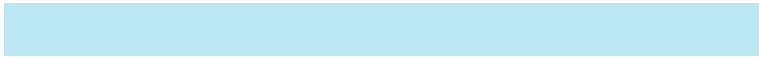
74.3814, 0.2793, 0.3167



74.3814, 0.3391, 0.3244

Square

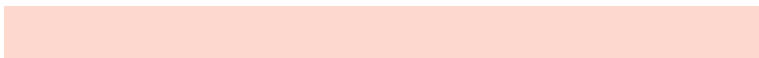
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



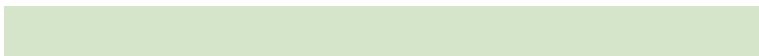
74.3814, 0.2793, 0.3167



74.3814, 0.3056, 0.3015



74.3814, 0.3474, 0.3397



74.3814, 0.3190, 0.3585

Rectangle

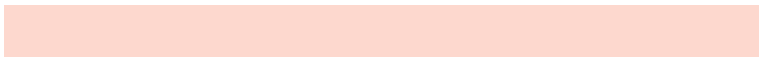
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



74.3814, 0.2793, 0.3167



74.3814, 0.2859, 0.3001



74.3814, 0.3474, 0.3397



74.3814, 0.3398, 0.3584

Sweetspot

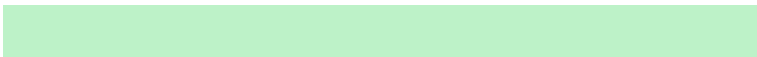
The Sweet Spot groups the original color and five complimentary colors.



74.3844, 0.2793, 0.3167



94.4289, 0.3018, 0.3253



78.4713, 0.3037, 0.3775



20.1124, 0.3009, 0.3250



0.0000, 0.0000, 0.0000



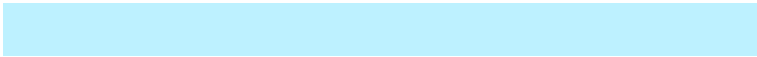
21.4041, 0.3127, 0.3290

Same Dimension

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



74.3844, 0.2793, 0.3167



81.0515, 0.2731, 0.3141



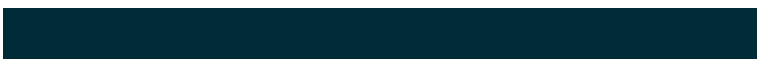
60.8693, 0.2771, 0.2867



17.3392, 0.2981, 0.3240



23.8440, 0.2058, 0.2609



2.1219, 0.2086, 0.2709

Inverse Universe

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



61.0650, 0.3235, 0.2853



63.8913, 0.3260, 0.2767



76.9990, 0.3490, 0.3680



15.9719, 0.3170, 0.3105



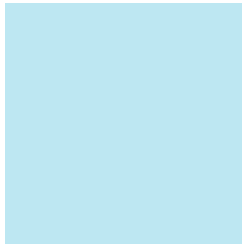
12.2004, 0.3815, 0.1875



1.0289, 0.3720, 0.1823

Previews

White Background



This preview shows how the Yxy color 74.3814, 0.2793, 0.3167 looks on a white background.

Color Contrast Check

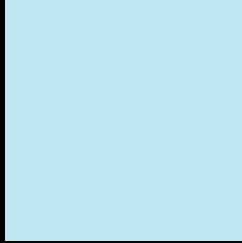
Large Text (above 18pt) WCAG AA × Fail

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 74.3814, 0.2793, 0.3167 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

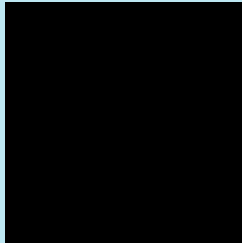
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

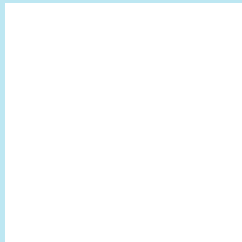
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 74.3814, 0.2793, 0.3167

Background



This preview shows how black text looks on a background with the Yxy color 74.3814, 0.2793, 0.3167.

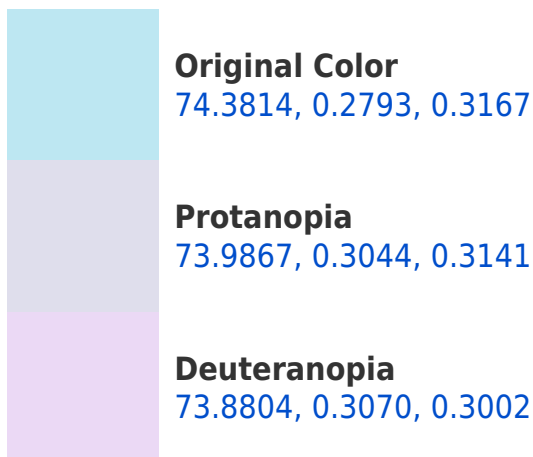


This preview shows how white text looks on a background with the Yxy color 74.3814, 0.2793, 0.3167.

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

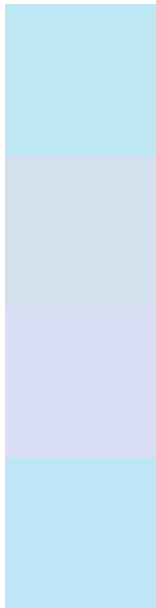




Tritanopia

74.3181, 0.2765, 0.3091

Trichromacy



Original Color

74.3814, 0.2793, 0.3167

Protanomaly

73.8724, 0.2951, 0.3149

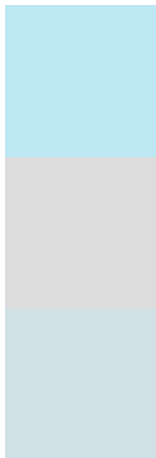
Deuteranomaly

73.6796, 0.2960, 0.3056

Tritanomaly

74.1946, 0.2776, 0.3112

Monochromacy



Original Color

74.3814, 0.2793, 0.3167

Achromatopsia

71.5694, 0.3127, 0.3290

Achromatomaly

72.4681, 0.2999, 0.3246

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.3814, 0.2793, 0.3167 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(189, 231, 242)` looks like.

```
.text, #text, p{  
    color:rgb(189, 231, 242)  
}
```

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(189, 231, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 231, 242) }
```

Border

The CSS property to change the border of an element to Yxy 74.3814, 0.2793, 0.3167 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(189, 231, 242) }
```

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

```
.border{ border-color:rgb(189, 231, 242) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 231, 242)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 231, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 231, 242);  
box-shadow:4px 4px 4px 4px rgb(189, 231,  
242) }
```


Background

The CSS property to change the background color of an element to Yxy 74.3814, 0.2793, 0.3167 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 231, 242) }
```

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

```
.background{ background-color: rgb(189,  
231, 242) }
```

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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