

Converting Colors

$Yxy(71.7736, 0.2736, 0.3140)$

Have a look what the booklet for
Yxy(71.7736, 0.2736, 0.3140)
contains.

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Color

Yxy(71.4813, 0.2731, 0.3130)

Conversions

Conversions Part 1

Format	Color
Hex	B3E4F2
RGB	179, 228, 242
RGB Percent	70%, 89%, 95%
CMY	0.2979, 0.1059, 0.0509
CMYK	0.26, 0.06, 0.00, 0.05
HSL	193°, 71%, 83%
HSV	193°, 26%, 95%
XYZ	62.3691, 71.4813, 94.5243
YIQ	214.9450, -33.6980, -6.0340

Conversions

Conversions Part 2

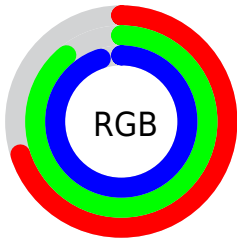
Format	Color
R _Y B	179, 207, 242
Decimal	11789554
CIE Lab	87.72, -12.57, -11.97
CIE LCh	88, 17.356, 223.588
Yxy	71.4813, 0.2731, 0.3130
Android (android.graphics.Color)	4289979634 (0xFFB3E4F2)
YUV	214.9450, 13.3381, -31.5238
Hunter-Lab	84.5466, -16.2790, -7.1044

Details

The Yxy color **71.4813, 0.2731, 0.3130** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **60.3037, 0.3646, 0.3444**, and the grayscale version is **67.8483, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.5729, 0.3011, 0.3290**, and **37.7923, 0.2642, 0.3095** is the 20% darker color. If you saturate the color by 10%, you get **65.9297, 0.2589, 0.3059**, and if you desaturate by 10%, it is **77.6371, 0.2880, 0.3196**.

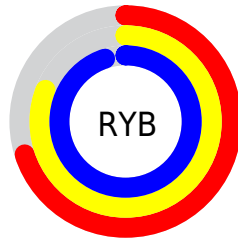
Distribution



Red (70%)

Green (89%)

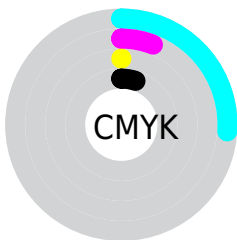
Blue (95%)



Red (70%)

Yellow (81%)

Blue (95%)

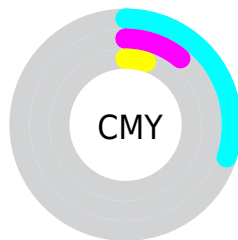


Cyan (26%)

Magenta (6%)

Yellow (0%)

Black (5%)



Cyan (30%)

Magenta (11%)

Yellow (5%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 71.4813, 0.2731, 0.3130 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 71.4813, 0.2731, 0.3130 by changing the saturation by 10% instead.

■ 71.4813, 0.2731,
0.3130

■ 71.4813, 0.2731,
0.3130

465.7342, 0.2912,
0.3207

■ 52.7351, 0.2690,
0.3112

■ 121.3188, 0.2794,
0.3157

■ 37.5913, 0.2640,
0.3089

153.1788, 0.2818,
0.3168

■ 25.6657, 0.2576,
0.3060

190.1789, 0.2839,
0.3177

■ 16.5737, 0.2495,
0.3021

232.7035, 0.2858,
0.3184

■ 9.9310, 0.2384,
0.2966

281.1369, 0.2874,
0.3191

■ 5.3532, 0.2229,
0.2885

335.8636, 0.2888,

■ 2.4560, 0.1994,

0.3197

0.2752

397.2679, 0.2901,
0.3202

0.8545, 0.1499,
0.2536

0.0000, 0.0000,
0.0000

71.4813, 0.2731,
0.3130

71.4813, 0.2731,
0.3130

65.9297, 0.2589,
0.3059

77.6371, 0.2880,
0.3196

60.9465, 0.2458,
0.2983

84.4138, 0.3034,
0.3256

56.5048, 0.2340,
0.2904

91.8381, 0.3189,
0.3311

52.5719, 0.2239,
0.2823

95.7615, 0.3207,
0.3363

■ 49.1107, 0.2158,
0.2740

■ 99.1501, 0.3203,
0.3414

■ 46.0782, 0.2096,
0.2657

■ 99.1916, 0.3203,
0.3415

■ 43.4212, 0.2053,
0.2575

■ 42.4350, 0.2040,
0.2543

Harmonies

Analogous

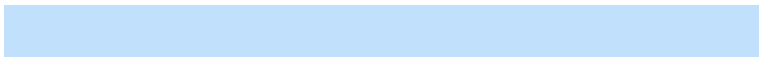
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



71.4813, 0.2812, 0.3320



71.4813, 0.2731, 0.3130



71.4813, 0.2752, 0.2993

Triad

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



71.4813, 0.2731, 0.3130



71.4813, 0.3272, 0.3085



71.4813, 0.3383, 0.3658

Complementary

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



71.4813, 0.2731, 0.3130



60.3037, 0.3646, 0.3444

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.



71.4813, 0.3515, 0.3579



71.4813, 0.2731, 0.3130



71.4813, 0.3451, 0.3249

Square

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



71.4813, 0.2731, 0.3130



71.4813, 0.3059, 0.2973



71.4813, 0.3540, 0.3428



71.4813, 0.3185, 0.3635

Rectangle

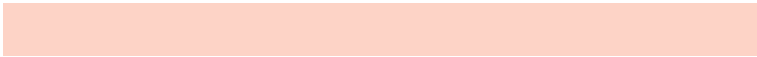
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



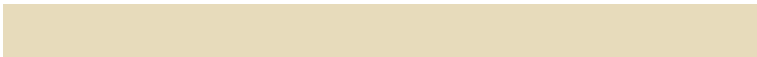
71.4813, 0.2731, 0.3130



71.4813, 0.2821, 0.2946



71.4813, 0.3540, 0.3428



71.4813, 0.3437, 0.3642

Sweetspot

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



71.4842, 0.2731, 0.3130



93.4705, 0.3003, 0.3245



76.9377, 0.3015, 0.3869



19.7549, 0.2980, 0.3236



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.



71.4842, 0.2731, 0.3130



77.2449, 0.2658, 0.3095



55.8806, 0.2696, 0.2761



17.2971, 0.2981, 0.3236



23.0061, 0.2044, 0.2556



2.0590, 0.2073, 0.2664

Inverse Universe

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



56.7382, 0.3267, 0.2777



58.4289, 0.3301, 0.2675



75.5400, 0.3565, 0.3768



15.9677, 0.3172, 0.3108



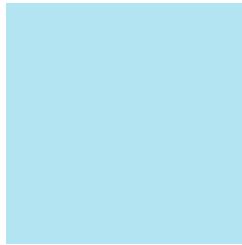
12.1158, 0.3867, 0.1904



1.0226, 0.3762, 0.1846

Previews

White Background



This preview shows how the Yxy color 71.4813, 0.2731, 0.3130 looks on a white background.

Color Contrast Check

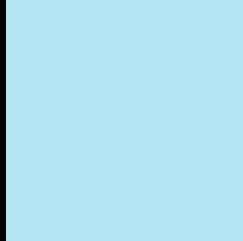
Large Text (above 18pt) WCAG AA × Fail

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 71.4813, 0.2731, 0.3130 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 71.4813, 0.2731, 0.3130

Background



This preview shows how black text looks on a background with the Yxy color 71.4813, 0.2731, 0.3130.

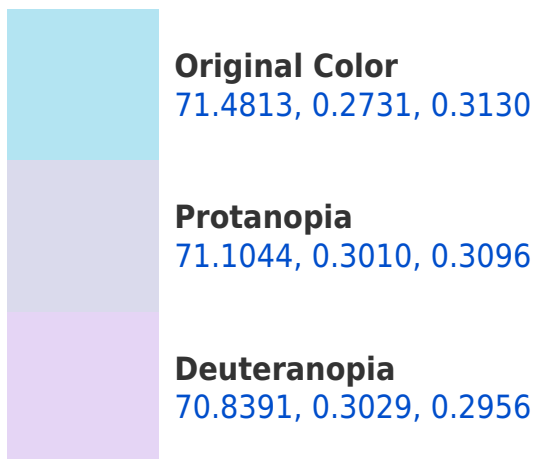


This preview shows how white text looks on a background with the Yxy color 71.4813, 0.2731, 0.3130.

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

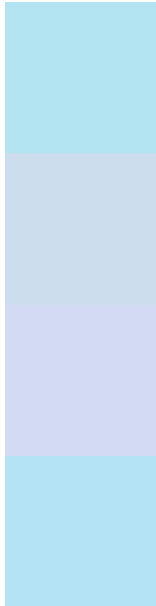




Tritanopia

71.2953, 0.2714, 0.3075

Trichromacy



Original Color

71.4813, 0.2731, 0.3130

Protanomaly

71.2530, 0.2904, 0.3114

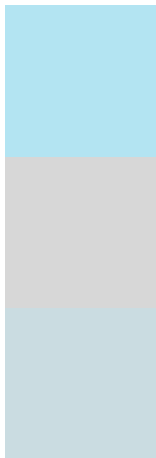
Deuteranomaly

70.5233, 0.2912, 0.3009

Tritanomaly

71.2340, 0.2719, 0.3086

Monochromacy



Original Color

71.4813, 0.2731, 0.3130

Achromatopsia

67.9542, 0.3127, 0.3290

Achromatomaly

69.1792, 0.2970, 0.3233

CSS Examples

Text

The CSS property to change the color of the text to Yxy 71.4813, 0.2731, 0.3130 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, 228, 242)` looks like.

```
.text, #text, p{  
    color:rgb(179, 228, 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(179, 228, 242) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(179, 228, 242) }
```

Border

The CSS property to change the border of an element to Yxy 71.4813, 0.2731, 0.3130 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, 228, 242) }
```

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

```
.border{ border-color:rgb(179, 228, 242) }
```

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

Here you see how a box with a 4 pixel rgb(179, 228, 242) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(179, 228, 242); -webkit-box-  
shadow:4px 4px 4px 4px rgb(179, 228, 242);  
box-shadow:4px 4px 4px 4px rgb(179, 228,  
242) }
```


Background

The CSS property to change the background color of an element to Yxy 71.4813, 0.2731, 0.3130 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(179, 228, 242) }
```

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

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