

Converting Colors

Yxy(74.4813, 0.2807, 0.3140)

Have a look what the booklet for
Yxy(74.4813, 0.2807, 0.3140)
contains.

Yxy(74.4627, 0.2805, 0.3135)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(74.4627, 0.2805, 0.3135)

Conversions

Conversions Part 1

Format	Color
Hex	C1E6F4
RGB	193, 230, 244
RGB Percent	76%, 90%, 96%
CMY	0.2429, 0.0981, 0.0432
CMYK	0.21, 0.06, 0.00, 0.04
HSL	196°, 70%, 86%
HSV	196°, 21%, 96%
XYZ	66.6245, 74.4627, 96.4334
YIQ	220.5330, -26.5460, -3.4900

Conversions

Conversions Part 2

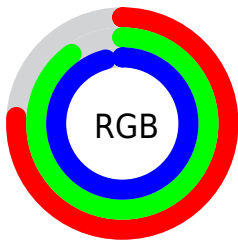
Format	Color
R _Y B	193, 214, 244
Decimal	12707572
CIE Lab	89.14, -9.04, -10.79
CIE LCh	89, 14.074, 230.052
Yxy	74.4627, 0.2805, 0.3135
Android (android.graphics.Color)	4290897652 (0xFFC1E6F4)
YUV	220.5330, 11.5692, -24.1464
Hunter-Lab	86.2918, -13.1936, -5.8539

Details

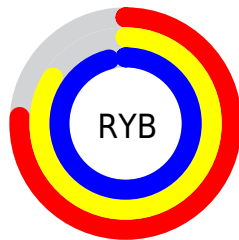
The Yxy color **74.4627, 0.2805, 0.3135** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **67.7245, 0.3518, 0.3440**, and the grayscale version is **71.9002, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.0640, 0.3096, 0.3290**, and **39.3919, 0.2732, 0.3087** is the 20% darker color. If you saturate the color by 10%, you get **67.8608, 0.2655, 0.3050**, and if you desaturate by 10%, it is **81.7429, 0.2959, 0.3213**.

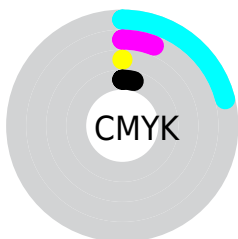
Distribution



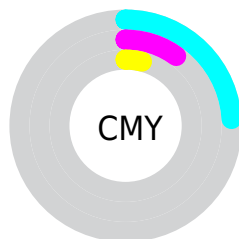
- Red (76%)
- Green (90%)
- Blue (96%)



- Red (76%)
- Yellow (84%)
- Blue (96%)



- Cyan (21%)
- Magenta (6%)
- Yellow (0%)
- Black (4%)



- Cyan (24%)
- Magenta (10%)
- Yellow (4%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 74.4627, 0.2805, 0.3135 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 74.4627, 0.2805, 0.3135 by changing the saturation by 10% instead.

■ 74.4627, 0.2805,
0.3135

■ 74.4627, 0.2805,
0.3135

■ 476.0688, 0.2952,
0.3208

■ 55.1728, 0.2772,
0.3118

■ 125.5515, 0.2856,
0.3161

■ 39.5401, 0.2731,
0.3097

■ 158.1192, 0.2875,
0.3170

■ 27.1802, 0.2680,
0.3070

■ 195.8817, 0.2892,
0.3179

■ 17.7086, 0.2615,
0.3035

■ 239.2232, 0.2907,
0.3186

■ 10.7410, 0.2526,
0.2986

■ 288.5284, 0.2920,
0.3193

■ 5.8929, 0.2402,
0.2914

■ 344.1814, 0.2932,

■ 2.7801, 0.2213,

0.3198

0.2801

406.5667, 0.2943,
0.3204

■ 1.0180, 0.1892,
0.2598

■ 0.0000, 0.0000,
0.0000

■ 74.4627, 0.2805,
0.3135

■ 74.4627, 0.2805,
0.3135

■ 67.8608, 0.2655,
0.3050

■ 81.7429, 0.2959,
0.3213

■ 61.9007, 0.2513,
0.2958

■ 89.7182, 0.3114,
0.3284

■ 56.5557, 0.2382,
0.2862

■ 96.2204, 0.3195,
0.3349

■ 51.7934, 0.2265,
0.2761

■ 99.3105, 0.3191,
0.3396

■ 47.5774, 0.2166,
0.2657

■ 43.8667, 0.2086,
0.2552

■ 40.6121, 0.2027,
0.2448

■ 37.9696, 0.1988,
0.2355

Harmonies

Analogous

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



74.4627, 0.2853, 0.3281



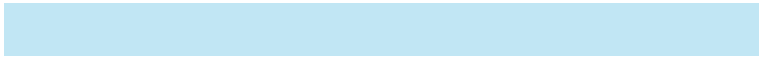
74.4627, 0.2805, 0.3135



74.4627, 0.2840, 0.3036

Triad

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



74.4627, 0.2805, 0.3135



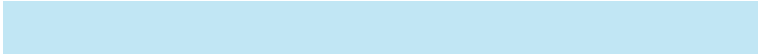
74.4627, 0.3278, 0.3151



74.4627, 0.3301, 0.3587

Complementary

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



74.4627, 0.2805, 0.3135



67.7245, 0.3518, 0.3440

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.



74.4627, 0.3421, 0.3542



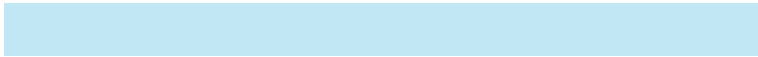
74.4627, 0.2805, 0.3135



74.4627, 0.3408, 0.3289

Square

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



74.4627, 0.2805, 0.3135



74.4627, 0.3110, 0.3049



74.4627, 0.3461, 0.3431



74.4627, 0.3137, 0.3548

Rectangle

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



74.4627, 0.2805, 0.3135



74.4627, 0.2906, 0.3008



74.4627, 0.3461, 0.3431



74.4627, 0.3348, 0.3581

Sweetspot

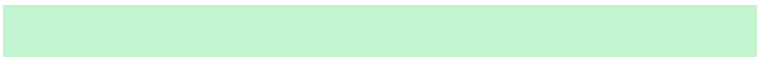
The Sweet Spot groups the original color and five complimentary colors.



74.4657, 0.2805, 0.3135



94.5615, 0.3034, 0.3249



80.5211, 0.3022, 0.3711



20.1170, 0.3024, 0.3244



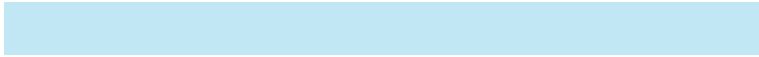
0.0000, 0.0000, 0.0000



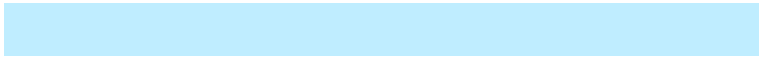
21.4041, 0.3127, 0.3290

Same Dimension

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



74.4657, 0.2805, 0.3135



79.1842, 0.2742, 0.3100



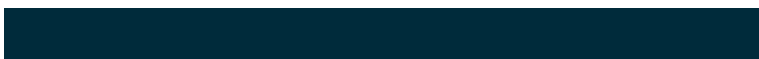
61.5050, 0.2786, 0.2848



17.9433, 0.2980, 0.3223



20.8893, 0.1992, 0.2372



2.0070, 0.2028, 0.2500

Inverse Universe

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



63.1042, 0.3255, 0.2907



64.7741, 0.3286, 0.2827



80.8502, 0.3466, 0.3696



16.6861, 0.3180, 0.3120



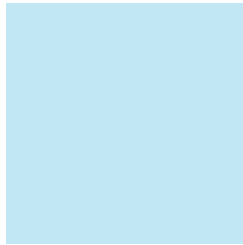
12.2082, 0.4052, 0.2006



1.0902, 0.3922, 0.1934

Previews

White Background



This preview shows how the Yxy color 74.4627, 0.2805, 0.3135 looks on a white background.

Color Contrast Check

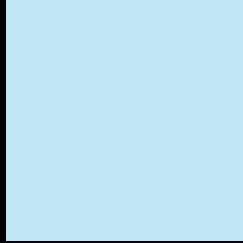
Large Text (above 18pt) WCAG AA × Fail

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 74.4627, 0.2805, 0.3135 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

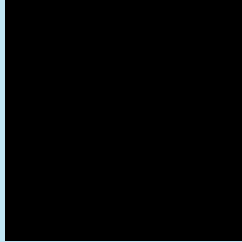
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 74.4627, 0.2805, 0.3135

Background



This preview shows how black text looks on a background with the Yxy color 74.4627, 0.2805, 0.3135.

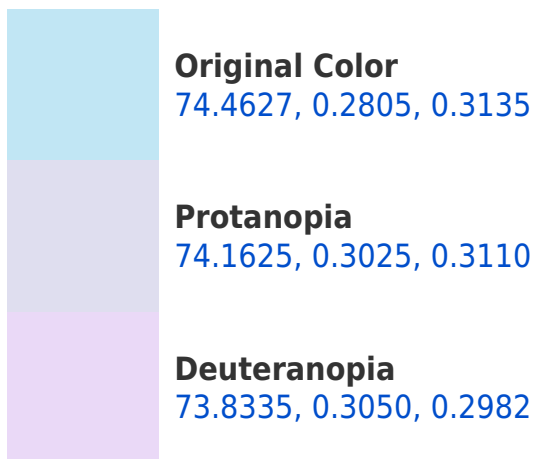


This preview shows how white text looks on a background with the Yxy color 74.4627, 0.2805, 0.3135.

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

74.2853, 0.2788, 0.3081

Trichromacy



Original Color

74.4627, 0.2805, 0.3135

Protanomaly

74.1983, 0.2939, 0.3117

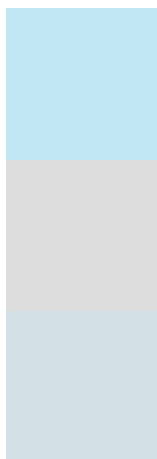
Deuteranomaly

73.9564, 0.2954, 0.3036

Tritanomaly

74.2234, 0.2793, 0.3092

Monochromacy



Original Color

74.4627, 0.2805, 0.3135

Achromatopsia

72.3055, 0.3127, 0.3290

Achromatomaly

72.8173, 0.3006, 0.3235

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.4627, 0.2805, 0.3135 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(193, 230, 244)` looks like.

```
.text, #text, p{  
    color:rgb(193, 230, 244)  
}
```

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(193, 230, 244) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(193, 230, 244) }
```

Border

The CSS property to change the border of an element to Yxy 74.4627, 0.2805, 0.3135 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(193, 230, 244) }
```

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

```
.border{ border-color:rgb(193, 230, 244) }
```

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

Here you see how a box with a 4 pixel rgb(193, 230, 244) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(193, 230, 244); -webkit-box-  
shadow:4px 4px 4px 4px rgb(193, 230, 244);  
box-shadow:4px 4px 4px 4px rgb(193, 230,  
244) }
```


Background

The CSS property to change the background color of an element to Yxy 74.4627, 0.2805, 0.3135 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(193, 230, 244) }
```

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

```
.background{ background-color: rgb(193,  
230, 244) }
```

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](#).

Hey! You found this booklet interesting? Support Converting Colors with the new Membership Option!

The pro membership hides all ads, plus gives you double the colors in the color bucket, and more awesome pro features!

[Learn more, Memberships starting at \\$2.50/m!](#)

**Follow me
on Twitter!**

@ConvertingColor