

Converting Colors

$Yxy(75.8510, 0.2848, 0.3038)$

Have a look what the booklet for
Yxy(75.8510, 0.2848, 0.3038)
contains.

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Color

Yxy(75.7805, 0.2844, 0.3034)

Conversions

Conversions Part 1

| Format | Color |
|-------------|----------------------------|
| Hex | CFE4FC |
| RGB | 207, 228, 252 |
| RGB Percent | 81%, 89%, 99% |
| CMY | 0.1884, 0.1058, 0.0119 |
| CMYK | 0.18, 0.10, 0.00, 0.01 |
| HSL | 212°, 88%, 90% |
| HSV | 212°, 18%, 99% |
| XYZ | 71.0349, 75.7805, 102.9556 |
| YIQ | 224.4570, -20.2200, 3.0120 |

Conversions

Conversions Part 2

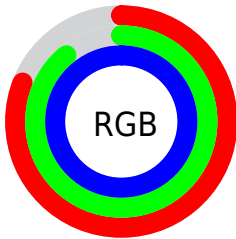
| Format | Color |
|-------------------------------------|--------------------------------|
| R _Y B | 207, 221, 252 |
| Decimal | 13624572 |
| CIE Lab | 89.76, -2.10, -13.96 |
| CIE LCh | 90, 14.120, 261.435 |
| Yxy | 75.7805, 0.2844, 0.3034 |
| Android (android.graphics.Color) | 4291814652 (0xFFCFE4FC) |
| YUV | 224.4570, 13.5787, -15.3098 |
| Hunter-Lab | 87.0520, -6.6841, -9.1853 |

Details

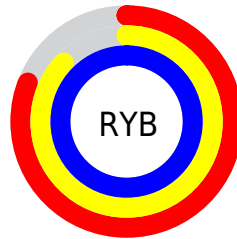
The Yxy color **75.7805, 0.2844, 0.3034** is a light color, and the websafe version is hex **CCCCCC**. A complement of this color would be **82.3011, 0.3432, 0.3533**, and the grayscale version is **74.7940, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **40.5027, 0.2781, 0.2985** is the 20% darker color. If you saturate the color by 10%, you get **65.3443, 0.2678, 0.2868**, and if you desaturate by 10%, it is **87.3745, 0.3005, 0.3184**.

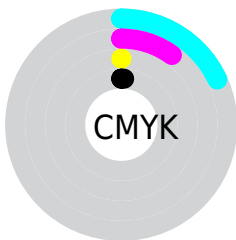
Distribution



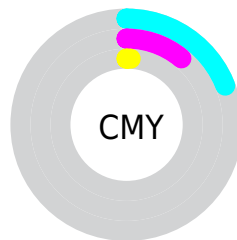
- Red (81%)
- Green (89%)
- Blue (99%)



- Red (81%)
- Yellow (87%)
- Blue (99%)



- Cyan (18%)
- Magenta (10%)
- Yellow (0%)
- Black (1%)



- Cyan (19%)
- Magenta (11%)
- Yellow (1%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 75.7805, 0.2844, 0.3034 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 75.7805, 0.2844, 0.3034 by changing the saturation by 10% instead.

■ 75.7805, 0.2844,
0.3034

■ 75.7805, 0.2844,
0.3034

480.5960, 0.2973,
0.3152

■ 56.2525, 0.2815,
0.3007

127.4166, 0.2888,
0.3075

■ 40.4054, 0.2779,
0.2975

160.2935, 0.2906,
0.3090

■ 27.8548, 0.2735,
0.2934

198.3888, 0.2921,
0.3104

■ 18.2162, 0.2677,
0.2880

242.0870, 0.2934,
0.3116

■ 11.1053, 0.2599,
0.2808

291.7724, 0.2945,
0.3127

■ 6.1377, 0.2490,
0.2706

347.8295, 0.2956,

■ 2.9290, 0.2326,

0.3136

0.2550

410.6425, 0.2965,
0.3144

■ 1.0948, 0.2054,
0.2288

■ 0.0000, 0.0000,
0.0000

■ 75.7805, 0.2844,
0.3034

■ 75.7805, 0.2844,
0.3034

■ 65.3443, 0.2678,
0.2868

■ 87.3745, 0.3005,
0.3184

■ 56.0161, 0.2510,
0.2687

99.7047, 0.3145,
0.3317

■ 47.7562, 0.2345,
0.2492

99.8066, 0.3145,
0.3319

■ 40.5181, 0.2187,
0.2288

■ 34.2515, 0.2044,
0.2078

■ 28.9003, 0.1920,
0.1868

■ 24.4004, 0.1821,
0.1666

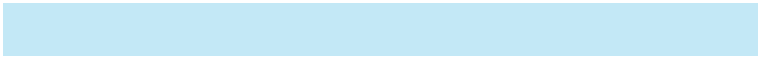
■ 20.6703, 0.1747,
0.1478

■ 19.9511, 0.1733,
0.1439

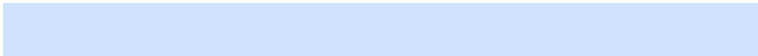
Harmonies

Analogous

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



75.7805, 0.2806, 0.3130



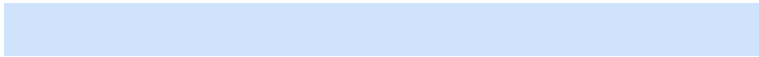
75.7805, 0.2844, 0.3034



75.7805, 0.2957, 0.3008

Triad

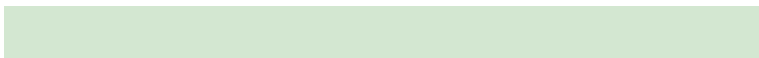
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



75.7805, 0.2844, 0.3034



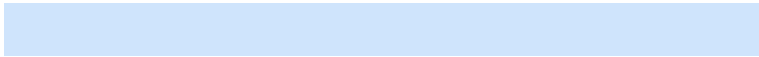
75.7805, 0.3412, 0.3296



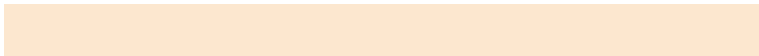
75.7805, 0.3130, 0.3544

Complementary

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



75.7805, 0.2844, 0.3034



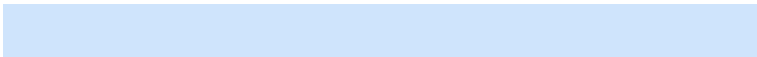
82.3011, 0.3432, 0.3533

Split Complementary

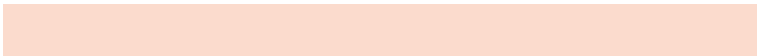
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



75.7805, 0.3294, 0.3586



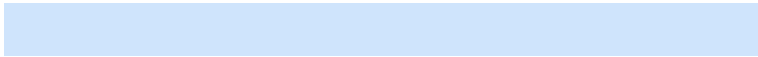
75.7805, 0.2844, 0.3034



75.7805, 0.3460, 0.3437

Square

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



75.7805, 0.2844, 0.3034



75.7805, 0.3285, 0.3157



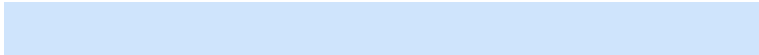
75.7805, 0.3416, 0.3545



75.7805, 0.2968, 0.3428

Rectangle

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



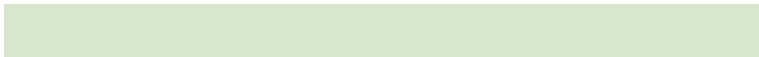
75.7805, 0.2844, 0.3034



75.7805, 0.3061, 0.3030



75.7805, 0.3416, 0.3545



75.7805, 0.3186, 0.3567

Sweetspot

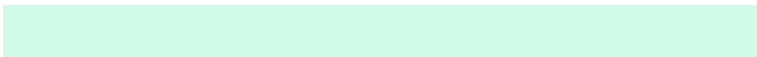
The Sweet Spot groups the original color and five complimentary colors.



75.7836, 0.2844, 0.3034



93.4079, 0.3050, 0.3223



88.5901, 0.2974, 0.3521



19.8002, 0.3039, 0.3214



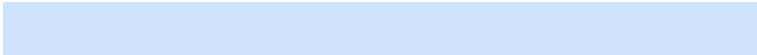
0.0000, 0.0000, 0.0000



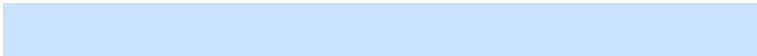
21.4041, 0.3127, 0.3290

Same Dimension

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



75.7836, 0.2844, 0.3034



74.3641, 0.2792, 0.2984



65.0037, 0.2837, 0.2802



17.9816, 0.2980, 0.3160



10.6843, 0.1742, 0.1469



1.1996, 0.1804, 0.1693

Inverse Universe

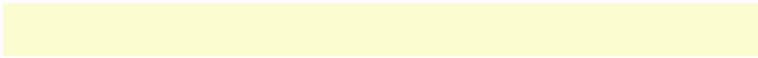
The Inverse Universe completely reimagines the original color for something new.



70.9015, 0.3318, 0.3077



68.7618, 0.3359, 0.3038



94.6584, 0.3392, 0.3737



17.3604, 0.3220, 0.3180



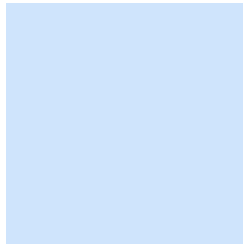
11.4895, 0.5099, 0.2583



1.0853, 0.4815, 0.2426

Previews

White Background



This preview shows how the Yxy color 75.7805, 0.2844, 0.3034 looks on a white background.

Color Contrast Check

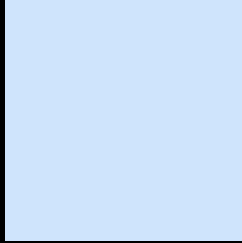
Large Text (above 18pt) WCAG AA × Fail

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 75.7805, 0.2844, 0.3034 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

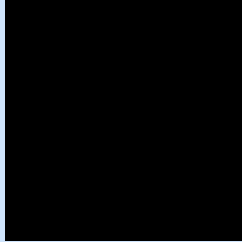
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

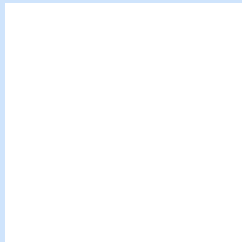
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 75.7805, 0.2844, 0.3034

Background



This preview shows how black text looks on a background with the Yxy color 75.7805, 0.2844, 0.3034.

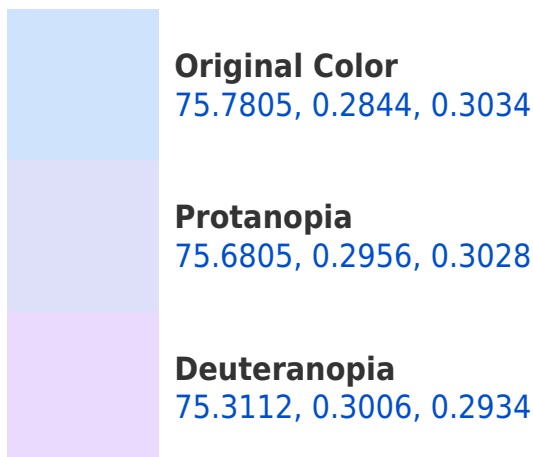


This preview shows how white text looks on a background with the Yxy color 75.7805, 0.2844, 0.3034.

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

75.8758, 0.2867, 0.3096

Trichromacy



Original Color

75.7805, 0.2844, 0.3034

Protanomaly

75.5043, 0.2918, 0.3026

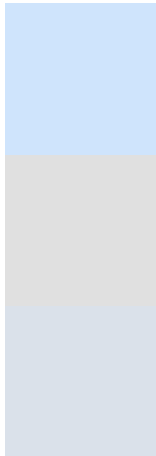
Deuteranomaly

75.1817, 0.2945, 0.2968

Tritanomaly

76.0000, 0.2855, 0.3075

Monochromacy



Original Color

75.7805, 0.2844, 0.3034

Achromatopsia

74.5404, 0.3127, 0.3290

Achromatomaly

74.6964, 0.3022, 0.3193

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.7805, 0.2844, 0.3034 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(207, 228, 252)` looks like.

```
.text, #text, p{  
    color:rgb(207, 228, 252)  
}
```

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(207, 228, 252) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(207, 228, 252) }
```

Border

The CSS property to change the border of an element to Yxy 75.7805, 0.2844, 0.3034 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(207, 228, 252) }
```

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

```
.border{ border-color:rgb(207, 228, 252) }
```

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

Here you see how a box with a 4 pixel `rgb(207, 228, 252)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(207, 228, 252); -webkit-box-  
shadow:4px 4px 4px 4px rgb(207, 228, 252);  
box-shadow:4px 4px 4px 4px rgb(207, 228,  
252) }
```


Background

The CSS property to change the background color of an element to Yxy 75.7805, 0.2844, 0.3034 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(207, 228, 252) }
```

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

```
.background{ background-color: rgb(207,  
228, 252) }
```

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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