

Converting Colors

$Yxy(74.5720, 0.2856, 0.3176)$

Have a look what the booklet for
Yxy(74.5720, 0.2856, 0.3176)
contains.

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Color

Yxy(74.8907, 0.2858, 0.3179)

Conversions

Conversions Part 1

Format	Color
Hex	C6E6F0
RGB	198, 230, 240
RGB Percent	78%, 90%, 94%
CMY	0.2233, 0.0981, 0.0587
CMYK	0.17, 0.04, 0.00, 0.06
HSL	194°, 58%, 86%
HSV	194°, 17%, 94%
XYZ	67.3286, 74.8907, 93.3601
YIQ	221.5720, -22.2820, -3.6740

Conversions

Conversions Part 2

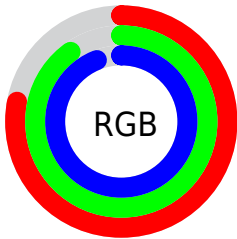
Format	Color
R _Y B	198, 216, 240
Decimal	13035248
CIE Lab	89.34, -8.34, -8.38
CIE LCh	89, 11.827, 225.124
Yxy	74.8907, 0.2858, 0.3179
Android (android.graphics.Color)	4291225328 (0xFFC6E6F0)
YUV	221.5720, 9.0850, -20.6726
Hunter-Lab	86.5394, -12.5690, -3.3854

Details

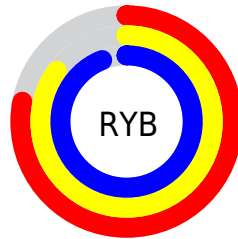
The Yxy color **74.8907, 0.2858, 0.3179** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **67.7701, 0.3446, 0.3398**, and the grayscale version is **72.6861, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **40.0499, 0.2800, 0.3160** is the 20% darker color. If you saturate the color by 10%, you get **68.7426, 0.2709, 0.3107**, and if you desaturate by 10%, it is **81.6671, 0.3011, 0.3245**.

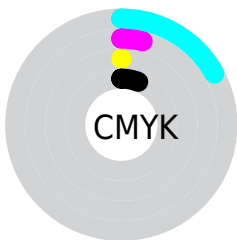
Distribution



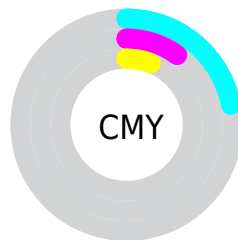
- Red (78%)
- Green (90%)
- Blue (94%)



- Red (78%)
- Yellow (85%)
- Blue (94%)



- Cyan (17%)
- Magenta (4%)
- Yellow (0%)
- Black (6%)



- Cyan (22%)
- Magenta (10%)
- Yellow (6%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 74.8907, 0.2858, 0.3179 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 74.8907, 0.2858, 0.3179 by changing the saturation by 10% instead.

■ 74.8907, 0.2858,
0.3179

■ 74.8907, 0.2858,
0.3179

477.5418, 0.2981,
0.3231

■ 55.5234, 0.2830,
0.3167

126.1576, 0.2900,
0.3197

■ 39.8209, 0.2796,
0.3152

158.8260, 0.2917,
0.3204

■ 27.3989, 0.2754,
0.3132

196.6968, 0.2931,
0.3211

■ 17.8731, 0.2698,
0.3107

240.1545, 0.2944,
0.3216

■ 10.8589, 0.2624,
0.3071

289.5835, 0.2955,
0.3220

■ 5.9720, 0.2518,
0.3020

345.3681, 0.2964,

■ 2.8281, 0.2357,

0.3225

0.2937

407.8927, 0.2973,
0.3228

■ 1.0426, 0.2082,
0.2785

■ 0.0000, 0.0000,
0.0000

■ 74.8907, 0.2858,
0.3179

■ 74.8907, 0.2858,
0.3179

■ 68.7426, 0.2709,
0.3107

■ 81.6671, 0.3011,
0.3245

■ 63.1882, 0.2567,
0.3030

■ 89.0862, 0.3166,
0.3304

■ 58.2034, 0.2435,
0.2948

■ 94.2017, 0.3221,
0.3360

■ 53.7585, 0.2318,
0.2862

■ 97.7709, 0.3216,
0.3415

■ 49.8207, 0.2217,
0.2774

■ 99.0725, 0.3214,
0.3434

■ 46.3528, 0.2136,
0.2684

■ 43.3113, 0.2075,
0.2594

■ 40.6388, 0.2033,
0.2506

■ 40.0014, 0.2023,
0.2484

Harmonies

Analogous

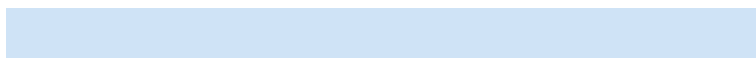
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



74.8907, 0.2910, 0.3305



74.8907, 0.2858, 0.3179



74.8907, 0.2876, 0.3087

Triad

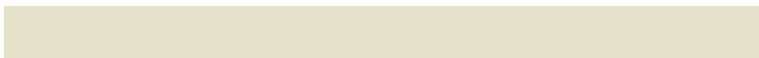
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



74.8907, 0.2858, 0.3179



74.8907, 0.3232, 0.3156



74.8907, 0.3294, 0.3537

Complementary

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



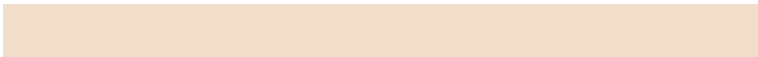
74.8907, 0.2858, 0.3179



67.7701, 0.3446, 0.3398

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.



74.8907, 0.3384, 0.3490



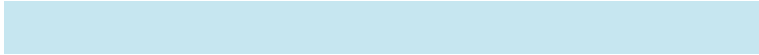
74.8907, 0.2858, 0.3179



74.8907, 0.3348, 0.3270

Square

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



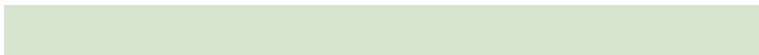
74.8907, 0.2858, 0.3179



74.8907, 0.3089, 0.3077



74.8907, 0.3404, 0.3391



74.8907, 0.3160, 0.3516

Rectangle

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



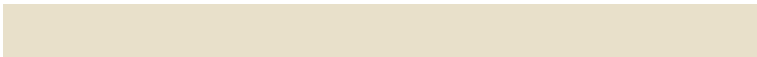
74.8907, 0.2858, 0.3179



74.8907, 0.2925, 0.3056



74.8907, 0.3404, 0.3391



74.8907, 0.3330, 0.3528

Sweetspot

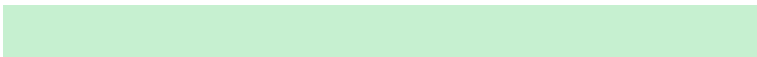
The Sweet Spot groups the original color and five complimentary colors.



74.8938, 0.2858, 0.3179



95.7313, 0.3050, 0.3260



78.8944, 0.3047, 0.3651



20.3653, 0.3039, 0.3256



0.0000, 0.0000, 0.0000



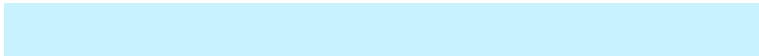
21.4041, 0.3127, 0.3290

Same Dimension

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



74.8938, 0.2858, 0.3179



83.3190, 0.2804, 0.3154



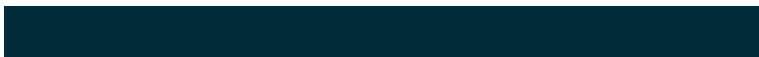
64.0332, 0.2846, 0.2944



17.2509, 0.2981, 0.3232



22.1094, 0.2027, 0.2498



1.9913, 0.2060, 0.2615

Inverse Universe

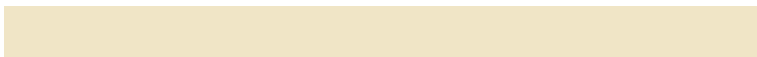
The Inverse Universe completely reimagines the original color for something new.



64.6600, 0.3220, 0.2956



69.6658, 0.3243, 0.2886



78.5557, 0.3409, 0.3614



15.9630, 0.3175, 0.3112



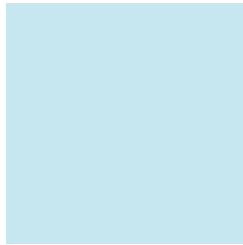
12.0253, 0.3924, 0.1935



1.0157, 0.3810, 0.1872

Previews

White Background



This preview shows how the Yxy color 74.8907, 0.2858, 0.3179 looks on a white background.

Color Contrast Check

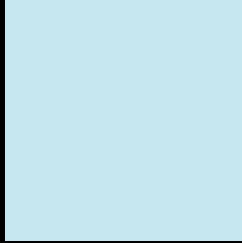
Large Text (above 18pt) WCAG AA × Fail

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 74.8907, 0.2858, 0.3179 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

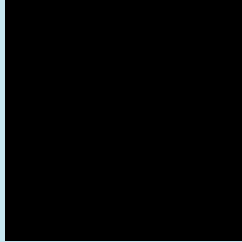
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 74.8907, 0.2858, 0.3179

Background



This preview shows how black text looks on a background with the Yxy color 74.8907, 0.2858, 0.3179.

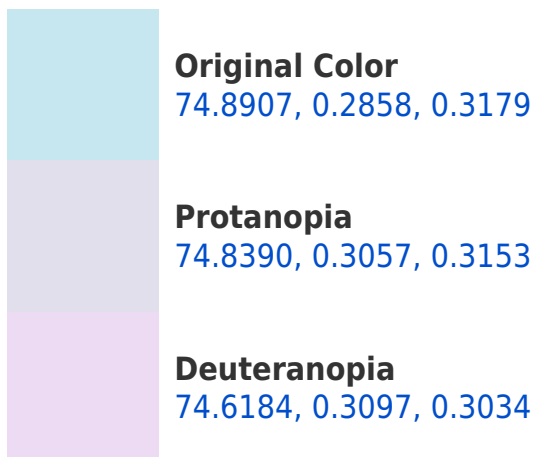


This preview shows how white text looks on a background with the Yxy color 74.8907, 0.2858, 0.3179.

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

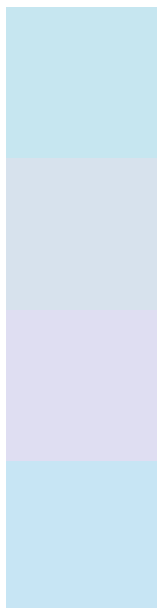




Tritanopia

74.8961, 0.2824, 0.3094

Trichromacy



Original Color

74.8907, 0.2858, 0.3179

Protanomaly

74.9542, 0.2983, 0.3172

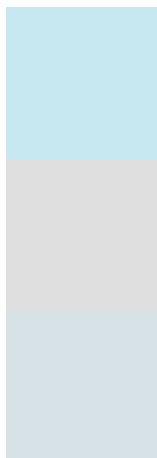
Deuteranomaly

74.3413, 0.3006, 0.3079

Tritanomaly

74.7124, 0.2841, 0.3125

Monochromacy



Original Color

74.8907, 0.2858, 0.3179

Achromatopsia

73.0461, 0.3127, 0.3290

Achromatomaly

73.6537, 0.3019, 0.3246

CSS Examples

Text

The CSS property to change the color of the text to Yxy 74.8907, 0.2858, 0.3179 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(198, 230, 240)` looks like.

```
.text, #text, p{  
    color:rgb(198, 230, 240)  
}
```

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(198, 230, 240) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(198, 230, 240) }
```

Border

The CSS property to change the border of an element to Yxy 74.8907, 0.2858, 0.3179 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(198, 230, 240) }
```

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

```
.border{ border-color:rgb(198, 230, 240) }
```

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

Here you see how a box with a 4 pixel `rgb(198, 230, 240)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(198, 230, 240); -webkit-box-shadow:4px 4px 4px 4px rgb(198, 230, 240); box-shadow:4px 4px 4px 4px rgb(198, 230, 240) }
```


Background

The CSS property to change the background color of an element to Yxy 74.8907, 0.2858, 0.3179 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(198, 230, 240) }
```

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

```
.background{ background-color: rgb(198,  
230, 240) }
```

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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