

Converting Colors

$Yxy(76.3034, 0.2846, 0.3088)$

Have a look what the booklet for
Yxy(76.3034, 0.2846, 0.3088)
contains.

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Color

Yxy(76.2706, 0.2844, 0.3085)

Conversions

Conversions Part 1

Format	Color
Hex	CCE6F9
RGB	204, 230, 249
RGB Percent	80%, 90%, 98%
CMY	0.1997, 0.0981, 0.0235
CMYK	0.18, 0.08, 0.00, 0.02
HSL	205°, 79%, 89%
HSV	205°, 18%, 98%
XYZ	70.3123, 76.2706, 100.6475
YIQ	224.3920, -21.5950, 0.3970

Conversions

Conversions Part 2

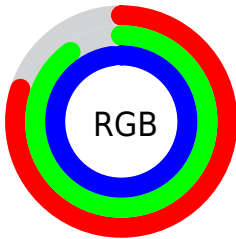
Format	Color
R _Y B	204, 220, 249
Decimal	13428473
CIE Lab	89.98, -4.63, -12.09
CIE LCh	90, 12.947, 249.061
Yxy	76.2706, 0.2844, 0.3085
Android (android.graphics.Color)	4291618553 (0xFFCCE6F9)
YUV	224.3920, 12.1317, -17.8838
Hunter-Lab	87.3330, -9.1214, -7.1960

Details

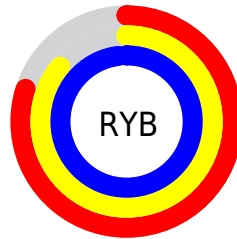
The Yxy color **76.2706, 0.2844, 0.3085** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **77.3306, 0.3444, 0.3487**, and the grayscale version is **74.7693, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **40.8998, 0.2774, 0.3038** is the 20% darker color. If you saturate the color by 10%, you get **67.3399, 0.2684, 0.2954**, and if you desaturate by 10%, it is **86.1249, 0.3002, 0.3203**.

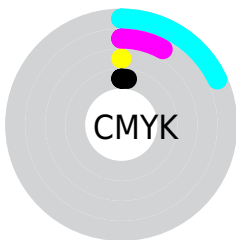
Distribution



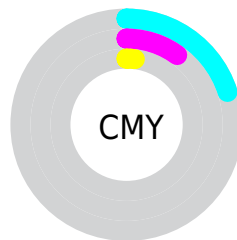
- Red (80%)
- Green (90%)
- Blue (98%)



- Red (80%)
- Yellow (86%)
- Blue (98%)



- Cyan (18%)
- Magenta (8%)
- Yellow (0%)
- Black (2%)



- Cyan (20%)
- Magenta (10%)
- Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 76.2706, 0.2844, 0.3085 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 76.2706, 0.2844, 0.3085 by changing the saturation by 10% instead.

■ 76.2706, 0.2844,
0.3085

■ 76.2706, 0.2844,
0.3085

482.2735, 0.2973,
0.3180

■ 56.6544, 0.2815,
0.3063

128.1093, 0.2888,
0.3118

■ 40.7279, 0.2780,
0.3037

161.1007, 0.2906,
0.3131

■ 28.1065, 0.2735,
0.3003

199.3192, 0.2921,
0.3142

■ 18.4060, 0.2678,
0.2959

243.1494, 0.2934,
0.3151

■ 11.2418, 0.2601,
0.2900

292.9755, 0.2945,
0.3160

■ 6.2297, 0.2493,
0.2815

349.1819, 0.2955,

■ 2.9853, 0.2330,

0.3167

0.2684

412.1531, 0.2965,
0.3174

1.1241, 0.2059,
0.2459

0.0000, 0.0000,
0.0000

76.2706, 0.2844,
0.3085

76.2706, 0.2844,
0.3085

67.3399, 0.2684,
0.2954

86.1249, 0.3002,
0.3203

59.2906, 0.2526,
0.2812

96.9245, 0.3157,
0.3310

52.0906, 0.2374,
0.2660

99.6203, 0.3162,
0.3347

45.7018, 0.2232,
0.2500

■ 40.0823, 0.2105,
0.2334

■ 35.1853, 0.1998,
0.2168

■ 30.9565, 0.1912,
0.2003

■ 27.3241, 0.1848,
0.1844

■ 26.6663, 0.1837,
0.1814

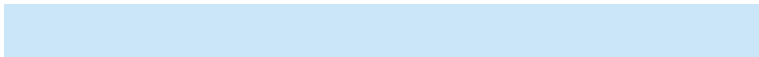
Harmonies

Analogous

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



76.2706, 0.2840, 0.3195



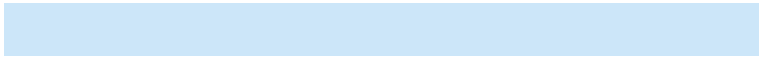
76.2706, 0.2844, 0.3085



76.2706, 0.2922, 0.3033

Triad

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



76.2706, 0.2844, 0.3085



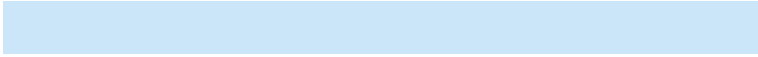
76.2706, 0.3347, 0.3241



76.2706, 0.3194, 0.3547

Complementary

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



76.2706, 0.2844, 0.3085



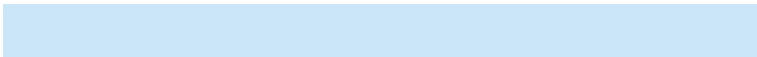
77.3306, 0.3444, 0.3487

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.



76.2706, 0.3333, 0.3554



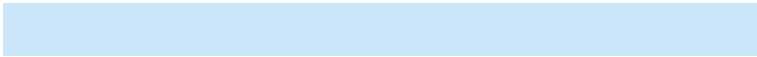
76.2706, 0.2844, 0.3085



76.2706, 0.3423, 0.3374

Square

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



76.2706, 0.2844, 0.3085



76.2706, 0.3211, 0.3123



76.2706, 0.3418, 0.3489



76.2706, 0.3040, 0.3466

Rectangle

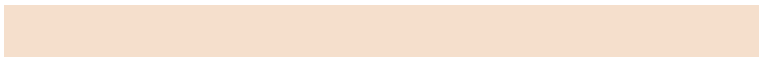
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



76.2706, 0.2844, 0.3085



76.2706, 0.3006, 0.3036



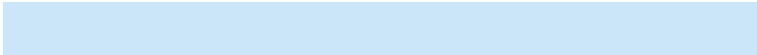
76.2706, 0.3418, 0.3489



76.2706, 0.3244, 0.3558

Sweetspot

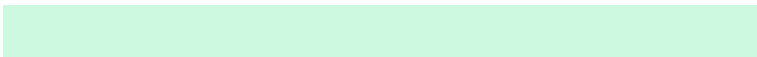
The Sweet Spot groups the original color and five complimentary colors.



76.2737, 0.2844, 0.3085



94.2661, 0.3050, 0.3237



85.9229, 0.2998, 0.3573



20.0087, 0.3039, 0.3229



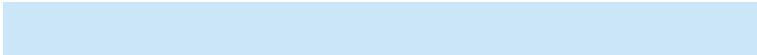
0.0000, 0.0000, 0.0000



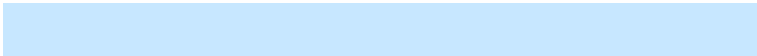
21.4041, 0.3127, 0.3290

Same Dimension

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



76.2737, 0.2844, 0.3085



76.6414, 0.2780, 0.3035



64.7083, 0.2831, 0.2839



18.3055, 0.2980, 0.3187



14.5600, 0.1844, 0.1839



1.5585, 0.1897, 0.2028

Inverse Universe

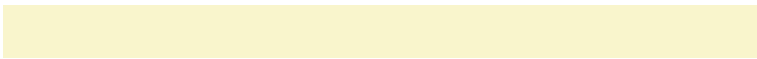
The Inverse Universe completely reimagines the original color for something new.



69.0727, 0.3284, 0.3026



67.8446, 0.3326, 0.2965



89.9717, 0.3406, 0.3705



17.3931, 0.3203, 0.3154



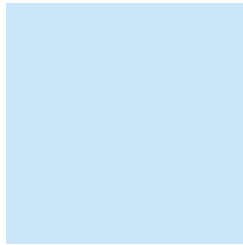
11.8807, 0.4639, 0.2329



1.1216, 0.4421, 0.2209

Previews

White Background



This preview shows how the Yxy color 76.2706, 0.2844, 0.3085 looks on a white background.

Color Contrast Check

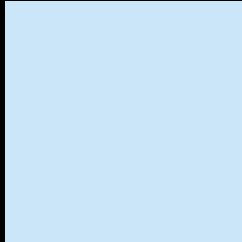
Large Text (above 18pt) WCAG AA × Fail

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 76.2706, 0.2844, 0.3085 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

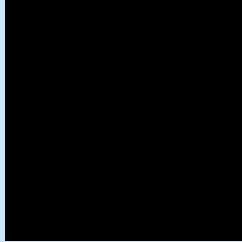
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

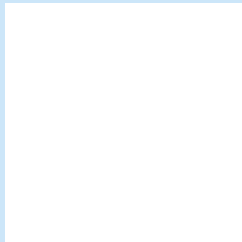
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 76.2706, 0.2844, 0.3085

Background



This preview shows how black text looks on a background with the Yxy color 76.2706, 0.2844, 0.3085.

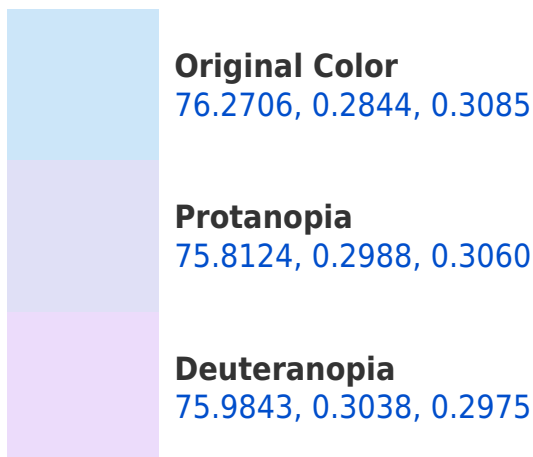


This preview shows how white text looks on a background with the Yxy color 76.2706, 0.2844, 0.3085.

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

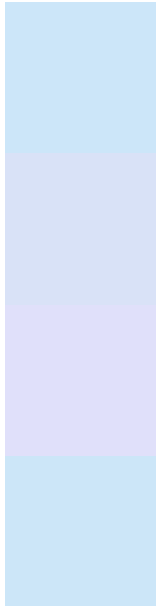




Tritanopia

76.2083, 0.2849, 0.3096

Trichromacy



Original Color

76.2706, 0.2844, 0.3085

Protanomaly

75.8598, 0.2936, 0.3068

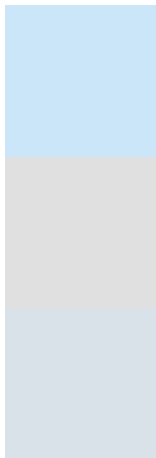
Deuteranomaly

76.0607, 0.2964, 0.3019

Tritanomaly

76.2083, 0.2849, 0.3096

Monochromacy



Original Color

76.2706, 0.2844, 0.3085

Achromatopsia

74.5404, 0.3127, 0.3290

Achromatomaly

75.0276, 0.3021, 0.3215

CSS Examples

Text

The CSS property to change the color of the text to Yxy 76.2706, 0.2844, 0.3085 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(204, 230, 249)` looks like.

```
.text, #text, p{  
    color:rgb(204, 230, 249)  
}
```

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(204, 230, 249) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(204, 230, 249) }
```

Border

The CSS property to change the border of an element to Yxy 76.2706, 0.2844, 0.3085 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(204, 230, 249) }
```

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

```
.border{ border-color:rgb(204, 230, 249) }
```

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

Here you see how a box with a 4 pixel `rgb(204, 230, 249)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(204, 230, 249); -webkit-box-  
shadow:4px 4px 4px 4px rgb(204, 230, 249);  
box-shadow:4px 4px 4px 4px rgb(204, 230,  
249) }
```


Background

The CSS property to change the background color of an element to Yxy 76.2706, 0.2844, 0.3085 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(204, 230, 249) }
```

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

```
.background{ background-color: rgb(204,  
230, 249) }
```

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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