

Converting Colors

Yxy(77.3186, 0.2799, 0.3112)

Have a look what the booklet for
Yxy(77.3186, 0.2799, 0.3112)
contains.

Yxy(77.0503, 0.2798, 0.3105)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(77.0503, 0.2798, 0.3105)

Conversions

Conversions Part 1

Format	Color
Hex	C5E9FA
RGB	197, 233, 250
RGB Percent	77%, 91%, 98%
CMY	0.2272, 0.0863, 0.0195
CMYK	0.21, 0.07, 0.00, 0.02
HSL	199°, 84%, 88%
HSV	199°, 21%, 98%
XYZ	69.4321, 77.0503, 101.6667
YIQ	224.1740, -26.9130, -2.3450

Conversions

Conversions Part 2

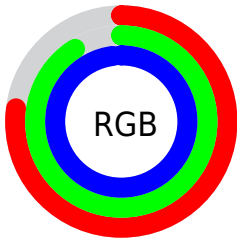
Format	Color
RYB	197, 218, 250
Decimal	12970490
CIELab	90.34, -8.07, -12.13
CIELCh	90, 14.569, 236.347
Yxy	77.0503, 0.2798, 0.3105
Android (android.graphics.Color)	4291160570 (0xFFC5E9FA)
YUV	224.1740, 12.7322, -23.8316
Hunter-Lab	87.7783, -12.4196, -7.2261

Details

The Yxy color **77.0503, 0.2798, 0.3105** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **72.4941, 0.3520, 0.3468**, and the grayscale version is **74.6026, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.8108, 0.3121, 0.3290**, and **41.0901, 0.2717, 0.3049** is the 20% darker color. If you saturate the color by 10%, you get **69.5052, 0.2645, 0.3004**, and if you desaturate by 10%, it is **85.3687, 0.2954, 0.3197**.

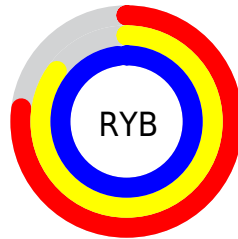
Distribution



Red (77%)

Green (91%)

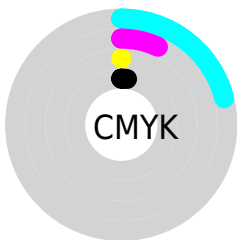
Blue (98%)



Red (77%)

Yellow (85%)

Blue (98%)

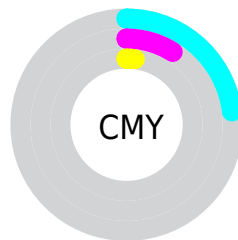


Cyan (21%)

Magenta (7%)

Yellow (0%)

Black (2%)



Cyan (23%)

Magenta (9%)

Yellow (2%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 77.0503, 0.2798, 0.3105 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 77.0503, 0.2798, 0.3105 by changing the saturation by 10% instead.

■ 77.0503, 0.2798,
0.3105

■ 77.0503, 0.2798,
0.3105

484.9355, 0.2947,
0.3191

■ 57.2942, 0.2765,
0.3085

129.2105, 0.2849,
0.3135

■ 41.2415, 0.2724,
0.3061

162.3833, 0.2869,
0.3147

■ 28.5078, 0.2673,
0.3030

200.7972, 0.2887,
0.3157

■ 18.7088, 0.2607,
0.2989

244.8364, 0.2902,
0.3165

■ 11.4601, 0.2520,
0.2934

294.8855, 0.2915,
0.3173

■ 6.3772, 0.2397,
0.2854

351.3288, 0.2927,

■ 3.0758, 0.2214,

0.3180

0.2731

414.5506, 0.2938,
0.3186

■ 1.1714, 0.1916,
0.2515

■ 0.0382, 0.0000,
0.0411

■ 77.0503, 0.2798,
0.3105

■ 77.0503, 0.2798,
0.3105

■ 69.5052, 0.2645,
0.3004

■ 85.3687, 0.2954,
0.3197

■ 62.6937, 0.2499,
0.2896

■ 94.4793, 0.3109,
0.3281

■ 56.5862, 0.2362,
0.2781

■ 99.6831, 0.3156,
0.3338

■ 51.1471, 0.2239,
0.2660

■ 46.3367, 0.2133,
0.2537

■ 42.1097, 0.2047,
0.2413

■ 38.4125, 0.1982,
0.2289

■ 35.5197, 0.1940,
0.2183

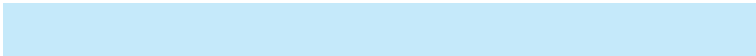
Harmonies

Analogous

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



77.0503, 0.2830, 0.3247



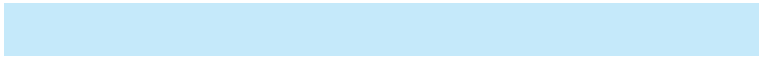
77.0503, 0.2798, 0.3105



77.0503, 0.2851, 0.3018

Triad

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



77.0503, 0.2798, 0.3105



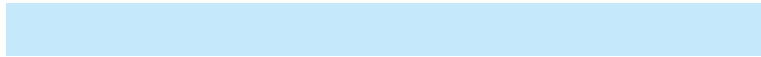
77.0503, 0.3314, 0.3175



77.0503, 0.3273, 0.3593

Complementary

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



77.0503, 0.2798, 0.3105



72.4941, 0.3520, 0.3468

Split Complementary

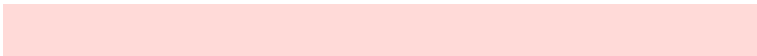
Split-complementary colors differ from the complementary color scheme. The scheme consists of three colors, the original color and two neighbors of the complement color.



77.0503, 0.3408, 0.3564



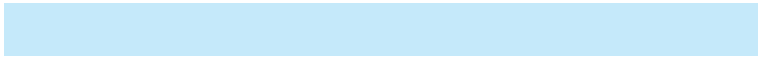
77.0503, 0.2798, 0.3105



77.0503, 0.3433, 0.3320

Square

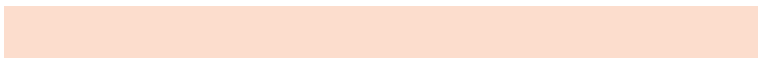
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



77.0503, 0.2798, 0.3105



77.0503, 0.3146, 0.3061



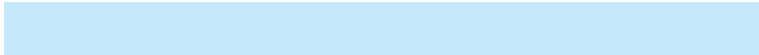
77.0503, 0.3468, 0.3462



77.0503, 0.3101, 0.3536

Rectangle

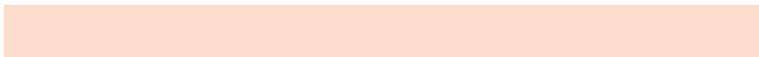
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



77.0503, 0.2798, 0.3105



77.0503, 0.2928, 0.3000



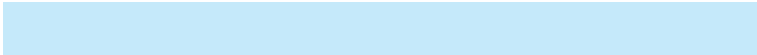
77.0503, 0.3468, 0.3462



77.0503, 0.3324, 0.3593

Sweetspot

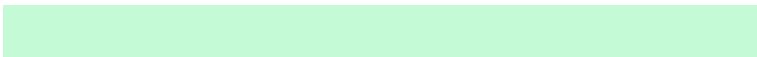
The Sweet Spot groups the original color and five complimentary colors.



77.0534, 0.2798, 0.3105



94.1148, 0.3034, 0.3242



85.1047, 0.3006, 0.3689



20.0113, 0.3024, 0.3236



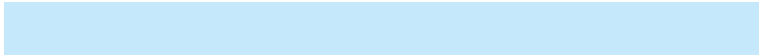
0.0000, 0.0000, 0.0000



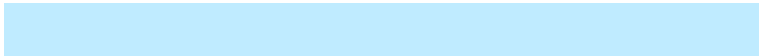
21.4041, 0.3127, 0.3290

Same Dimension

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



77.0534, 0.2798, 0.3105



77.4635, 0.2739, 0.3067



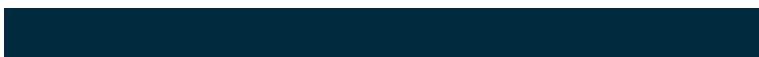
63.2924, 0.2777, 0.2810



18.6126, 0.2980, 0.3212



19.1099, 0.1945, 0.2203



1.9616, 0.1986, 0.2348

Inverse Universe

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



66.1670, 0.3276, 0.2925



64.6004, 0.3309, 0.2856



86.8611, 0.3466, 0.3728



17.4241, 0.3187, 0.3130



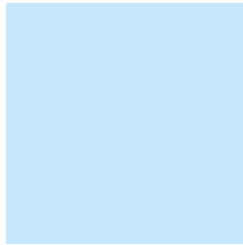
12.3401, 0.4230, 0.2104



1.1623, 0.4077, 0.2019

Previews

White Background



This preview shows how the Yxy color 77.0503, 0.2798, 0.3105 looks on a white background.

Color Contrast Check

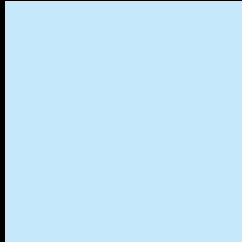
Large Text (above 18pt) WCAG AA × Fail

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 77.0503, 0.2798, 0.3105 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

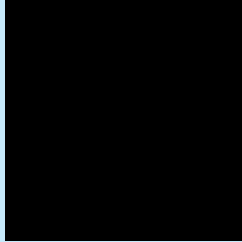
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

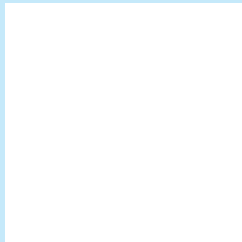
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 77.0503, 0.2798, 0.3105

Background



This preview shows how black text looks on a background with the Yxy color 77.0503, 0.2798, 0.3105.

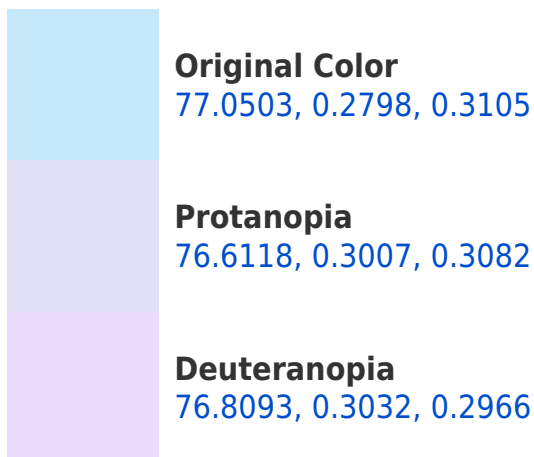


This preview shows how white text looks on a background with the Yxy color 77.0503, 0.2798, 0.3105.

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

77.1132, 0.2792, 0.3095

Trichromacy



Original Color

77.0503, 0.2798, 0.3105

Protanomaly

76.6493, 0.2924, 0.3089

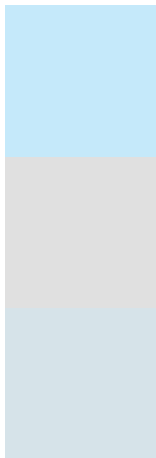
Deuteranomaly

76.4083, 0.2939, 0.3009

Tritanomaly

77.1132, 0.2792, 0.3095

Monochromacy



Original Color

77.0503, 0.2798, 0.3105

Achromatopsia

74.5404, 0.3127, 0.3290

Achromatomaly

75.1175, 0.3001, 0.3225

CSS Examples

Text

The CSS property to change the color of the text to Yxy 77.0503, 0.2798, 0.3105 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(197, 233, 250)` looks like.

```
.text, #text, p{  
    color:rgb(197, 233, 250)  
}
```

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(197, 233, 250) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 233, 250) }
```

Border

The CSS property to change the border of an element to Yxy 77.0503, 0.2798, 0.3105 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(197, 233, 250) }
```

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

```
.border{ border-color:rgb(197, 233, 250) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 233, 250)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 233, 250); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 233, 250);  
box-shadow:4px 4px 4px 4px rgb(197, 233,  
250) }
```


Background

The CSS property to change the background color of an element to Yxy 77.0503, 0.2798, 0.3105 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 233, 250) }
```

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

```
.background{ background-color: rgb(197,  
233, 250) }
```

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