

Converting Colors

$Yxy(79.4047, 0.2755, 0.3053)$

Have a look what the booklet for
Yxy(79.4047, 0.2755, 0.3053)
contains.

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Color

Yxy(79.0812, 0.2773, 0.3086)

Conversions

Conversions Part 1

Format	Color
Hex	C5ECFF
RGB	197, 236, 255
RGB Percent	77%, 93%, 100%
CMY	0.2276, 0.0744, 0.0000
CMYK	0.23, 0.07, 0.00, 0.00
HSL	200°, 100%, 89%
HSV	200°, 23%, 100%
XYZ	71.0603, 79.0812, 106.1164
YIQ	226.5050, -29.3430, -2.3590

Conversions

Conversions Part 2

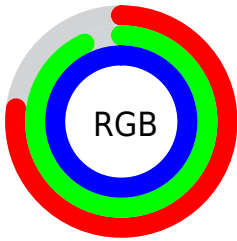
Format	Color
R_{YB}	197, 220, 255
Decimal	12971263
CIE _{Lab}	91.27, -8.57, -13.34
CIE _{LCh}	91, 15.859, 237.275
Yxy	79.0812, 0.2773, 0.3086
Android (android.graphics.Color)	4291161343 (0xFFC5ECFF)
YUV	226.5050, 14.0480, -25.8759
Hunter-Lab	88.9276, -12.9874, -8.5008

Details

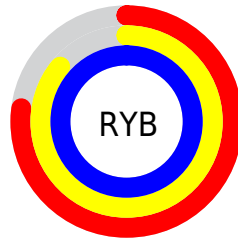
The Yxy color **79.0812, 0.2773, 0.3086** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **74.3609, 0.3555, 0.3485**, and the grayscale version is **76.3458, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.8108, 0.3121, 0.3290**, and **42.4705, 0.2695, 0.3038** is the 20% darker color. If you saturate the color by 10%, you get **71.2403, 0.2620, 0.2982**, and if you desaturate by 10%, it is **87.7346, 0.2929, 0.3181**.

Distribution



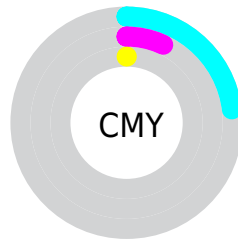
- Red (77%)
- Green (93%)
- Blue (100%)



- Red (77%)
- Yellow (86%)
- Blue (100%)



- Cyan (23%)
- Magenta (7%)
- Yellow (0%)
- Black (0%)



- Cyan (23%)
- Magenta (7%)
- Yellow (0%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 79.0812, 0.2773, 0.3086 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 79.0812, 0.2773, 0.3086 by changing the saturation by 10% instead.

■ 79.0812, 0.2773,
0.3086

■ 79.0812, 0.2773,
0.3086

■ 491.8310, 0.2933,
0.3181

■ 58.9626, 0.2738,
0.3064

■ 132.0732, 0.2828,
0.3119

■ 42.5830, 0.2694,
0.3038

■ 165.7153, 0.2849,
0.3132

■ 29.5581, 0.2640,
0.3004

■ 204.6341, 0.2868,
0.3143

■ 19.5034, 0.2571,
0.2960

■ 249.2138, 0.2884,
0.3152

■ 12.0346, 0.2480,
0.2901

■ 299.8390, 0.2898,
0.3161

■ 6.7672, 0.2353,
0.2816

■ 356.8940, 0.2911,

■ 3.3170, 0.2165,

0.3168

0.2685

420.7632, 0.2922,
0.3175

1.2994, 0.1865,
0.2463

0.1407, 0.0000,
0.1142

79.0812, 0.2773,
0.3086

79.0812, 0.2773,
0.3086

71.2403, 0.2620,
0.2982

87.7346, 0.2929,
0.3181

64.1702, 0.2474,
0.2870

97.2212, 0.3085,
0.3268

57.8389, 0.2339,
0.2752

99.9993, 0.3127,
0.3290

52.2084, 0.2218,
0.2629

■ 47.2361, 0.2114,
0.2503

■ 42.8732, 0.2031,
0.2376

■ 39.0612, 0.1968,
0.2251

■ 36.5848, 0.1934,
0.2162

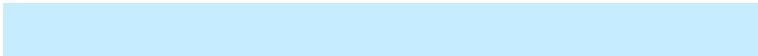
Harmonies

Analogous

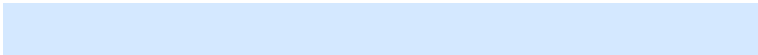
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



79.0812, 0.2805, 0.3238



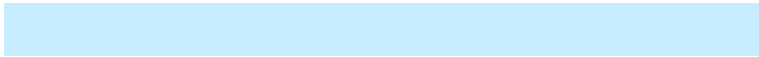
79.0812, 0.2773, 0.3086



79.0812, 0.2833, 0.2995

Triad

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



79.0812, 0.2773, 0.3086



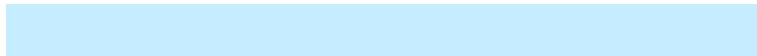
79.0812, 0.3334, 0.3171



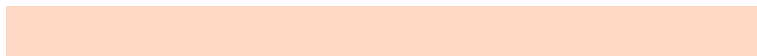
79.0812, 0.3278, 0.3617

Complementary

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



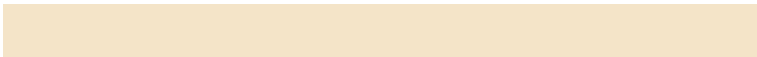
79.0812, 0.2773, 0.3086



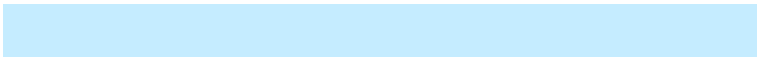
74.3609, 0.3555, 0.3485

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.



79.0812, 0.3427, 0.3587



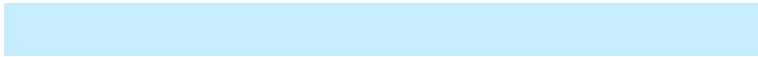
79.0812, 0.2773, 0.3086



79.0812, 0.3461, 0.3327

Square

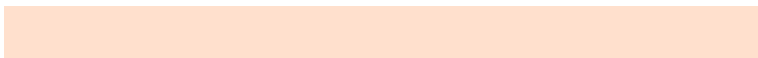
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



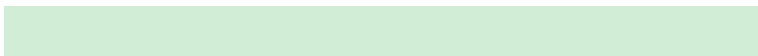
79.0812, 0.2773, 0.3086



79.0812, 0.3154, 0.3046



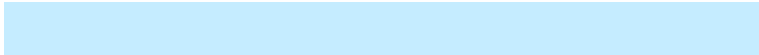
79.0812, 0.3494, 0.3479



79.0812, 0.3093, 0.3553

Rectangle

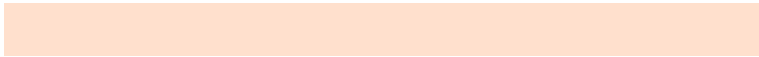
The Rectangle color scheme consists of four colors that form a rectangle on the color wheel.



79.0812, 0.2773, 0.3086



79.0812, 0.2917, 0.2977



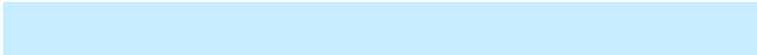
79.0812, 0.3494, 0.3479



79.0812, 0.3334, 0.3617

Sweetspot

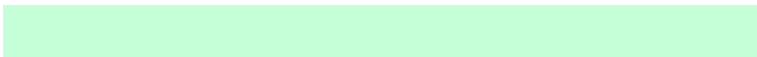
The Sweet Spot groups the original color and five complimentary colors.



79.0844, 0.2773, 0.3086



93.1036, 0.3019, 0.3232



88.3007, 0.2997, 0.3723



19.8049, 0.3009, 0.3227



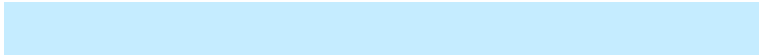
0.0000, 0.0000, 0.0000



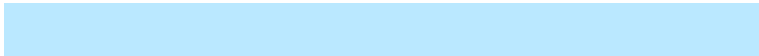
21.4041, 0.3127, 0.3290

Same Dimension

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



79.0844, 0.2773, 0.3086



75.6690, 0.2708, 0.3043



63.9974, 0.2748, 0.2769



19.4217, 0.2980, 0.3210



19.4021, 0.1940, 0.2182



2.0885, 0.1979, 0.2323

Inverse Universe

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



67.2268, 0.3292, 0.2899



62.2953, 0.3330, 0.2824



90.1990, 0.3494, 0.3762



18.1934, 0.3188, 0.3131



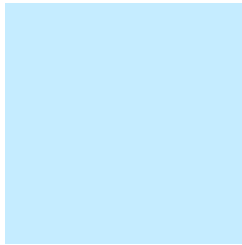
12.6866, 0.4252, 0.2116



1.2554, 0.4102, 0.2033

Previews

White Background



This preview shows how the Yxy color 79.0812, 0.2773, 0.3086 looks on a white background.

Color Contrast Check

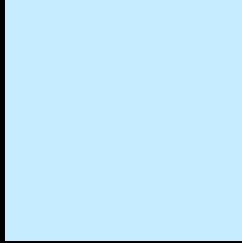
Large Text (above 18pt) WCAG AA × Fail

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 79.0812, 0.2773, 0.3086 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

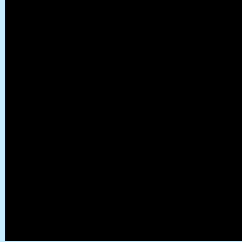
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 79.0812, 0.2773, 0.3086

Background



This preview shows how black text looks on a background with the Yxy color 79.0812, 0.2773, 0.3086.

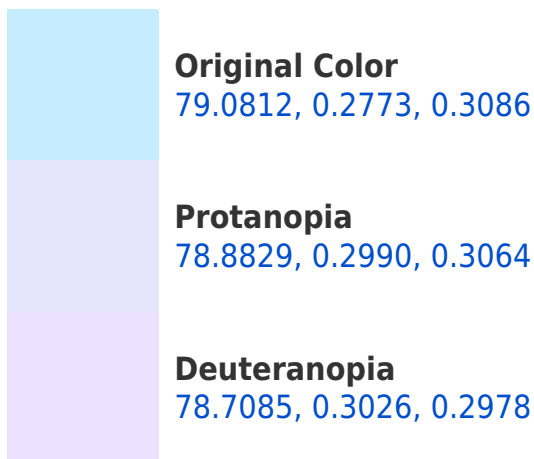


This preview shows how white text looks on a background with the Yxy color 79.0812, 0.2773, 0.3086.

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

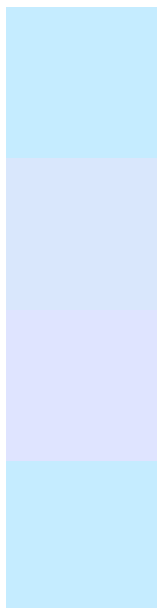




Tritanopia

79.0812, 0.2773, 0.3086

Trichromacy



Original Color

79.0812, 0.2773, 0.3086

Protanomaly

78.9318, 0.2908, 0.3070

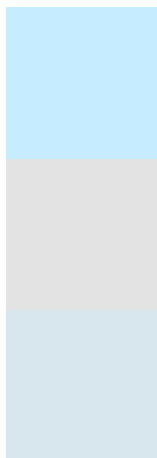
Deuteranomaly

78.3948, 0.2928, 0.3011

Tritanomaly

79.0812, 0.2773, 0.3086

Monochromacy



Original Color

79.0812, 0.2773, 0.3086

Achromatopsia

76.8151, 0.3127, 0.3290

Achromatomaly

77.3070, 0.2990, 0.3215

CSS Examples

Text

The CSS property to change the color of the text to Yxy 79.0812, 0.2773, 0.3086 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, 236, 255)` looks like.

```
.text, #text, p{  
    color:rgb(197, 236, 255)  
}
```

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, 236, 255) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 236, 255) }
```

Border

The CSS property to change the border of an element to Yxy 79.0812, 0.2773, 0.3086 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, 236, 255) }
```

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

```
.border{ border-color:rgb(197, 236, 255) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 236, 255)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 236, 255); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 236, 255);  
box-shadow:4px 4px 4px 4px rgb(197, 236,  
255) }
```


Background

The CSS property to change the background color of an element to Yxy 79.0812, 0.2773, 0.3086 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(197, 236, 255) }
```

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

```
.background{ background-color: rgb(197,  
236, 255) }
```

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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