

Converting Colors

$Yxy(79.1617, 0.2706, 0.3224)$

Have a look what the booklet for
Yxy(79.1617, 0.2706, 0.3224)
contains.

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Color

Yxy(78.9731, 0.2708, 0.3222)

Conversions

Conversions Part 1

Format	Color
Hex	B1F1F7
RGB	177, 241, 247
RGB Percent	69%, 95%, 97%
CMY	0.3059, 0.0549, 0.0313
CMYK	0.28, 0.02, 0.00, 0.03
HSL	185°, 81%, 83%
HSV	185°, 28%, 97%
XYZ	66.3747, 78.9731, 99.7581
YIQ	222.5480, -40.0700, -11.7020

Conversions

Conversions Part 2

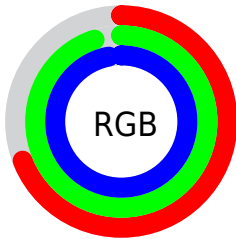
Format	Color
R_{YB}	177, 210, 247
Decimal	11661815
CIE Lab	91.22, -18.56, -9.38
CIE LCh	91, 20.801, 206.814
Yxy	78.9731, 0.2708, 0.3222
Android (android.graphics.Color)	4289851895 (0xFFB1F1F7)
YUV	222.5480, 12.0548, -39.9456
Hunter-Lab	88.8668, -22.1952, -4.3496

Details

The Yxy color **78.9731, 0.2708, 0.3222** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **56.8194, 0.3736, 0.3357**, and the grayscale version is **73.3892, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.2324, 0.2999, 0.3290**, and **42.5971, 0.2614, 0.3201** is the 20% darker color. If you saturate the color by 10%, you get **75.0845, 0.2580, 0.3195**, and if you desaturate by 10%, it is **83.4077, 0.2848, 0.3248**.

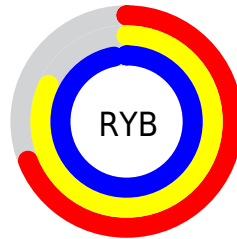
Distribution



Red (69%)

Green (95%)

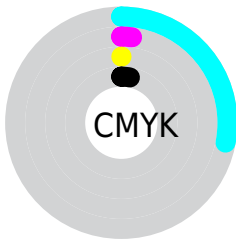
Blue (97%)



Red (69%)

Yellow (82%)

Blue (97%)

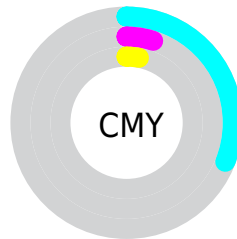


Cyan (28%)

Magenta (2%)

Yellow (0%)

Black (3%)



Cyan (31%)


Magenta (5%)


Yellow (3%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 78.9731, 0.2708, 0.3222 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 78.9731, 0.2708, 0.3222 by changing the saturation by 10% instead.


 78.9731, 0.2708,
0.3222

 78.9731, 0.2708,
0.3222


491.4653, 0.2897,
0.3256

 58.8737, 0.2666,
0.3214


 131.9210, 0.2772,
0.3234

 42.5115, 0.2615,
0.3203


165.5383, 0.2798,
0.3239

 29.5020, 0.2552,
0.3189


204.4303, 0.2820,
0.3243

 19.4609, 0.2470,
0.3170

248.9814, 0.2839,
0.3246

 12.0038, 0.2362,
0.3143

299.5761, 0.2856,
0.3249

 6.7463, 0.2213,
0.3102

356.5987, 0.2871,

 3.3039, 0.1993,

0.3252

0.3033

420.4337, 0.2884,
0.3254

■ 1.2924, 0.1635,
0.2903

■ 0.1353, 0.0000,
0.1441

■ 78.9731, 0.2708,
0.3222

■ 78.9731, 0.2708,
0.3222

■ 75.0845, 0.2580,
0.3195

■ 83.4077, 0.2848,
0.3248

■ 71.7040, 0.2466,
0.3166

■ 88.4049, 0.2998,
0.3272

■ 68.8036, 0.2370,
0.3137

■ 93.9926, 0.3153,
0.3293

■ 66.3489, 0.2292,
0.3107

■ 96.0344, 0.3177,
0.3314

■ 64.3005, 0.2235,
0.3077

■ 97.3572, 0.3175,
0.3334

■ 62.6119, 0.2196,
0.3048

■ 98.6949, 0.3174,
0.3354

■ 61.2180, 0.2174,
0.3019

■ 99.4968, 0.3173,
0.3366

■ 61.0017, 0.2171,
0.3014

Harmonies

Analogous

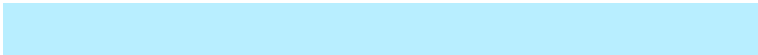
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



78.9731, 0.2859, 0.3452



78.9731, 0.2708, 0.3222



78.9731, 0.2666, 0.3023

Triad

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



78.9731, 0.2708, 0.3222



78.9731, 0.3156, 0.2972



78.9731, 0.3522, 0.3678

Complementary

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



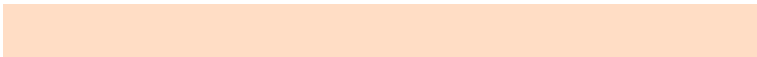
78.9731, 0.2708, 0.3222



56.8194, 0.3736, 0.3357

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.



78.9731, 0.3611, 0.3531



78.9731, 0.2708, 0.3222



78.9731, 0.3395, 0.3131

Square

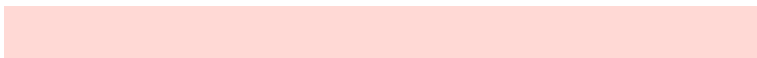
The Square scheme is like the rectangle color scheme, but the four colors are evenly spaced on the color wheel.



78.9731, 0.2708, 0.3222



78.9731, 0.2917, 0.2890



78.9731, 0.3564, 0.3332



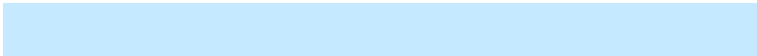
78.9731, 0.3327, 0.3722

Rectangle

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



78.9731, 0.2708, 0.3222



78.9731, 0.2703, 0.2934



78.9731, 0.3564, 0.3332



78.9731, 0.3565, 0.3638

Sweetspot

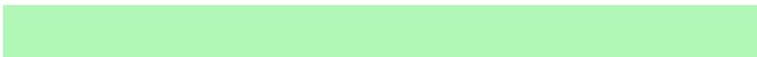
The Sweet Spot groups the original color and five complimentary colors.



78.9763, 0.2708, 0.3222



94.6527, 0.2988, 0.3270



79.2923, 0.3056, 0.4044



20.0850, 0.2966, 0.3267



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.



78.9763, 0.2708, 0.3222



82.4373, 0.2633, 0.3207



60.2851, 0.2666, 0.2818



18.4999, 0.2981, 0.3269



32.3603, 0.2172, 0.3019



2.9145, 0.2182, 0.3055

Inverse Universe

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



57.5676, 0.3207, 0.2639



56.1257, 0.3225, 0.2508



73.0120, 0.3634, 0.3720



16.7423, 0.3151, 0.3076



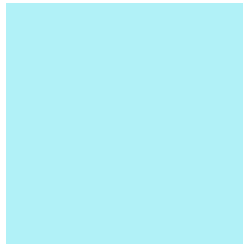
13.3662, 0.3438, 0.1667



1.1819, 0.3406, 0.1650

Previews

White Background



This preview shows how the Yxy color 78.9731, 0.2708, 0.3222 looks on a white background.

Color Contrast Check

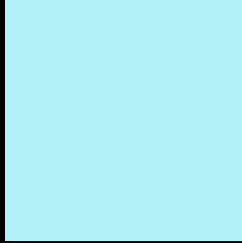
Large Text (above 18pt) WCAG AA × Fail

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 78.9731, 0.2708, 0.3222 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

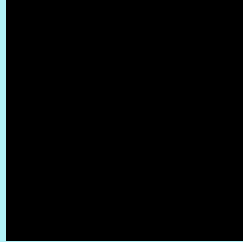
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 78.9731, 0.2708, 0.3222

Background



This preview shows how black text looks on a background with the Yxy color 78.9731, 0.2708, 0.3222.

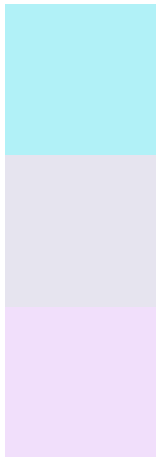


This preview shows how white text looks on a background with the Yxy color 78.9731, 0.2708, 0.3222.

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



Original Color

78.9731, 0.2708, 0.3222

Protanopia

78.5418, 0.3071, 0.3176

Deuteranopia

78.4412, 0.3072, 0.3009



Tritanopia

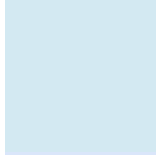
78.9339, 0.2718, 0.3105

Trichromacy



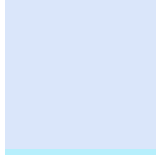
Original Color

78.9731, 0.2708, 0.3222



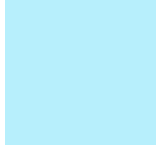
Protanomaly

78.5375, 0.2929, 0.3193



Deuteranomaly

78.4012, 0.2926, 0.3080



Tritanomaly

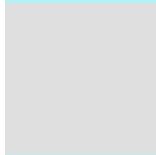
78.8286, 0.2713, 0.3147

Monochromacy



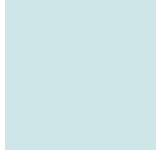
Original Color

78.9731, 0.2708, 0.3222



Achromatopsia

73.7910, 0.3127, 0.3290



Achromatomaly

75.5416, 0.2955, 0.3268

CSS Examples

Text

The CSS property to change the color of the text to Yxy 78.9731, 0.2708, 0.3222 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(177, 241, 247)` looks like.

```
.text, #text, p{  
    color:rgb(177, 241, 247)  
}
```

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(177, 241, 247) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(177, 241, 247) }
```

Border

The CSS property to change the border of an element to Yxy 78.9731, 0.2708, 0.3222 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(177, 241, 247) }
```

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

```
.border{ border-color:rgb(177, 241, 247) }
```

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

Here you see how a box with a 4 pixel `rgb(177, 241, 247)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(177, 241, 247); -webkit-box-  
shadow:4px 4px 4px 4px rgb(177, 241, 247);  
box-shadow:4px 4px 4px 4px rgb(177, 241,  
247) }
```


Background

The CSS property to change the background color of an element to Yxy 78.9731, 0.2708, 0.3222 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(177, 241, 247) }
```

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

```
.background{ background-color: rgb(177,  
241, 247) }
```

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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