

Converting Colors

$Yxy(79.0834, 0.2799, 0.3391)$

Have a look what the booklet for
Yxy(79.0834, 0.2799, 0.3391)
contains.

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Color

Yxy(79.0908, 0.2798, 0.3390)

Conversions

Conversions Part 1

Format	Color
Hex	B4F2E9
RGB	180, 242, 233
RGB Percent	71%, 95%, 91%
CMY	0.2943, 0.0509, 0.0862
CMYK	0.26, 0.00, 0.04, 0.05
HSL	171°, 70%, 83%
HSV	171°, 26%, 95%
XYZ	65.2791, 79.0908, 88.9363
YIQ	222.4360, -34.0630, -15.9430

Conversions

Conversions Part 2

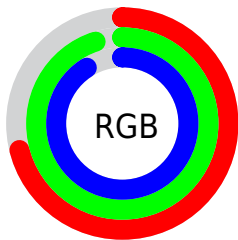
Format	Color
R _Y B	180, 213, 242
Decimal	11858665
CIE Lab	91.28, -21.25, -2.00
CIE LCh	91, 21.342, 185.370
Yxy	79.0908, 0.2798, 0.3390
Android (android.graphics.Color)	4290048745 (0xFFB4F2E9)
YUV	222.4360, 5.2081, -37.2164
Hunter-Lab	88.9330, -24.6093, 2.9609

Details

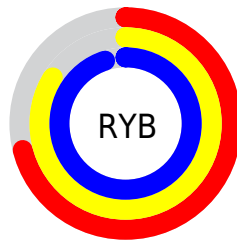
The Yxy color **79.0908, 0.2798, 0.3390** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **55.1792, 0.3595, 0.3194**, and the grayscale version is **73.3498, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.7445, 0.3017, 0.3290**, and **42.6521, 0.2724, 0.3422** is the 20% darker color. If you saturate the color by 10%, you get **76.2410, 0.2687, 0.3435**, and if you desaturate by 10%, it is **82.4580, 0.2920, 0.3348**.

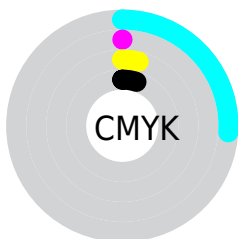
Distribution



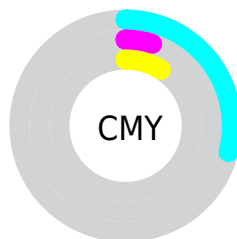
- Red (71%)
- Green (95%)
- Blue (91%)



- Red (71%)
- Yellow (84%)
- Blue (95%)



- Cyan (26%)
- Magenta (0%)
- Yellow (4%)
- Black (5%)




- Cyan (29%)
- Magenta (5%)
- Yellow (9%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 79.0908, 0.2798, 0.3390 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 79.0908, 0.2798, 0.3390 by changing the saturation by 10% instead.


 79.0908, 0.2798,
0.3390

 79.0908, 0.2798,
0.3390


491.8635, 0.2947,
0.3345

 58.9705, 0.2765,
0.3400

 132.0867, 0.2849,
0.3375

 42.5893, 0.2724,
0.3412


165.7310, 0.2869,
0.3369

 29.5630, 0.2672,
0.3426


204.6521, 0.2887,
0.3364

 19.5072, 0.2606,
0.3445

249.2345, 0.2902,
0.3359

 12.0373, 0.2518,
0.3470

299.8624, 0.2915,
0.3355

 6.7691, 0.2393,
0.3504

356.9202, 0.2927,

 3.3181, 0.2207,

0.3352

0.3553

420.7925, 0.2938,
0.3348

1.3000, 0.1870,
0.3640

0.1412, 0.0000,
0.3249

79.0908, 0.2798,
0.3390

79.0908, 0.2798,
0.3390

76.2410, 0.2687,
0.3435

82.4580, 0.2920,
0.3348

73.8727, 0.2590,
0.3482

86.3575, 0.3051,
0.3310

71.9602, 0.2509,
0.3532

90.8154, 0.3187,
0.3275

70.4717, 0.2447,
0.3583

91.4881, 0.3181,
0.3242

■ 69.3714, 0.2404,
0.3635

■ 91.7065, 0.3160,
0.3208

■ 68.6172, 0.2381,
0.3686

■ 91.9289, 0.3139,
0.3175

■ 68.1573, 0.2376,
0.3737

■ 91.9901, 0.3133,
0.3166

■ 68.0140, 0.2378,
0.3760

Harmonies

Analogous

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



79.0908, 0.3012, 0.3604



79.0908, 0.2798, 0.3390



79.0908, 0.2673, 0.3156

Triad

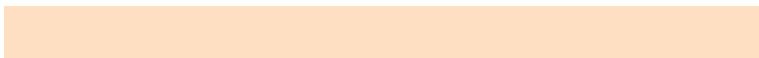
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



79.0908, 0.2798, 0.3390



79.0908, 0.2978, 0.2895



79.0908, 0.3611, 0.3588

Complementary

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



79.0908, 0.2798, 0.3390



55.1792, 0.3595, 0.3194

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.



79.0908, 0.3604, 0.3394



79.0908, 0.2798, 0.3390



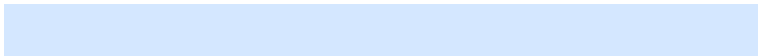
79.0908, 0.3230, 0.3004

Square

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



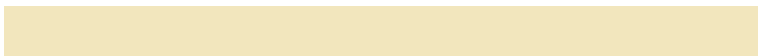
79.0908, 0.2798, 0.3390



79.0908, 0.2773, 0.2880



79.0908, 0.3462, 0.3183



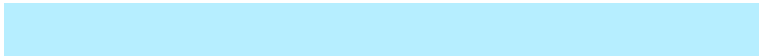
79.0908, 0.3484, 0.3713

Rectangle

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



79.0908, 0.2798, 0.3390



79.0908, 0.2654, 0.3024



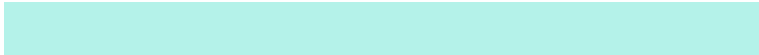
79.0908, 0.3462, 0.3183



79.0908, 0.3624, 0.3528

Sweetspot

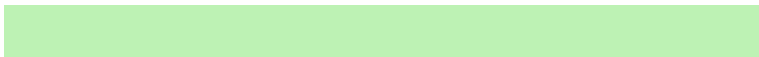
The Sweet Spot groups the original color and five complimentary colors.



79.0940, 0.2798, 0.3390



96.1454, 0.3019, 0.3319



77.6576, 0.3153, 0.4011



20.4336, 0.2999, 0.3325



0.0000, 0.0000, 0.0000



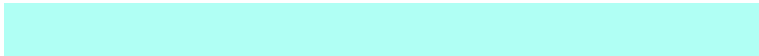
21.4041, 0.3127, 0.3290

Same Dimension

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



79.0940, 0.2798, 0.3390



87.2491, 0.2736, 0.3414



67.4514, 0.2728, 0.3041



17.8873, 0.3000, 0.3324



36.5501, 0.2375, 0.3751



3.0513, 0.2357, 0.3684

Inverse Universe

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



55.1792, 0.3595, 0.3194



55.8958, 0.3732, 0.3172



64.2642, 0.3616, 0.3526



15.7961, 0.3270, 0.3256



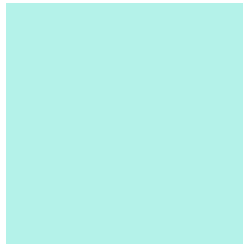
10.2182, 0.6204, 0.3191



0.8614, 0.5891, 0.3019

Previews

White Background



This preview shows how the Yxy color 79.0908, 0.2798, 0.3390 looks on a white background.

Color Contrast Check

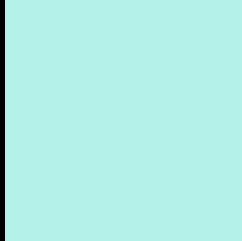
Large Text (above 18pt) WCAG AA × Fail

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 79.0908, 0.2798, 0.3390 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

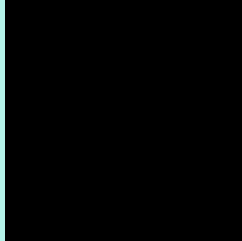
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

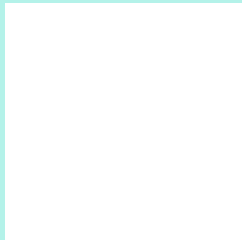
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 79.0908, 0.2798, 0.3390

Background



This preview shows how black text looks on a background with the Yxy color 79.0908, 0.2798, 0.3390.

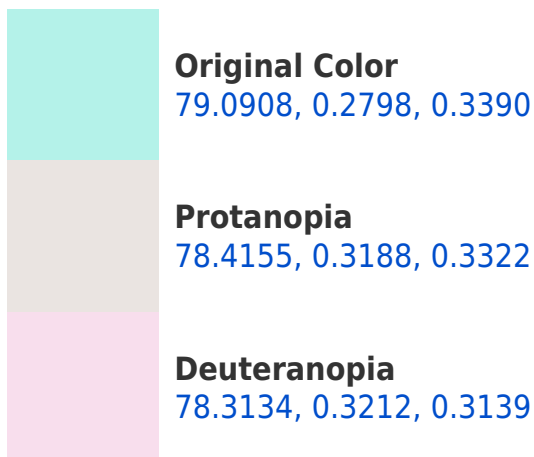


This preview shows how white text looks on a background with the Yxy color 79.0908, 0.2798, 0.3390.

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

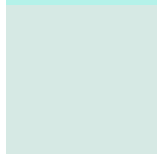
79.3162, 0.2735, 0.3105

Trichromacy



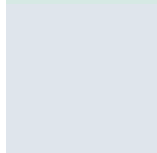
Original Color

79.0908, 0.2798, 0.3390



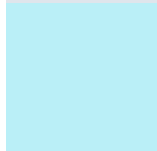
Protanomaly

78.1754, 0.3031, 0.3344



Deuteranomaly

77.7827, 0.3043, 0.3216



Tritanomaly

78.8875, 0.2755, 0.3201

Monochromacy



Original Color

79.0908, 0.2798, 0.3390



Achromatopsia

73.0461, 0.3127, 0.3290



Achromatomaly

74.7950, 0.2998, 0.3323

CSS Examples

Text

The CSS property to change the color of the text to Yxy 79.0908, 0.2798, 0.3390 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(180, 242, 233)` looks like.

```
.text, #text, p{  
    color:rgb(180, 242, 233)  
}
```

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(180, 242, 233) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 242, 233) }
```

Border

The CSS property to change the border of an element to Yxy 79.0908, 0.2798, 0.3390 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(180, 242, 233) }
```

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

```
.border{ border-color:rgb(180, 242, 233) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 242, 233)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 242, 233); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 242, 233);  
box-shadow:4px 4px 4px 4px rgb(180, 242,  
233) }
```


Background

The CSS property to change the background color of an element to Yxy 79.0908, 0.2798, 0.3390 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 242, 233) }
```

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

```
.background{ background-color: rgb(180,  
242, 233) }
```

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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