

Converting Colors

$Yxy(79.0703, 0.2905, 0.3494)$

Have a look what the booklet for
Yxy(79.0703, 0.2905, 0.3494)
contains.

Yxy(79.0571, 0.2904, 0.3492)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(79.0571, 0.2904, 0.3492)

Conversions

Conversions Part 1

Format	Color
Hex	BDF1DF
RGB	189, 241, 223
RGB Percent	74%, 95%, 87%
CMY	0.2591, 0.0548, 0.1256
CMYK	0.22, 0.00, 0.07, 0.05
HSL	159°, 65%, 84%
HSV	159°, 22%, 95%
XYZ	65.7451, 79.0571, 81.5927
YIQ	223.4000, -25.2140, -16.6220

Conversions

Conversions Part 2

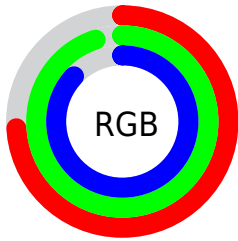
Format	Color
R _Y B	189, 220, 241
Decimal	12448223
CIE _{Lab}	91.26, -20.14, 3.27
CIE _{LCh}	91, 20.399, 170.774
Y _{xy}	79.0571, 0.2904, 0.3492
Android (android.graphics.Color)	4290638303 (0xFFBDF1DF)
YUV	223.4000, -0.1972, -30.1688
Hunter-Lab	88.9141, -23.6126, 7.8319

Details

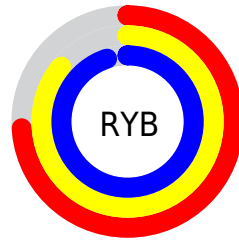
The Yxy color **79.0571, 0.2904, 0.3492** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **59.5724, 0.3417, 0.3097**, and the grayscale version is **74.0976, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.3328, 0.3072, 0.3290**, and **42.6760, 0.2854, 0.3540** is the 20% darker color. If you saturate the color by 10%, you get **75.7923, 0.2810, 0.3600**, and if you desaturate by 10%, it is **82.8628, 0.3005, 0.3393**.

Distribution



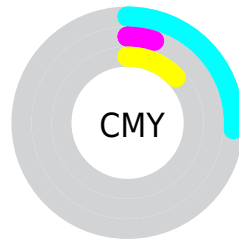
- Red (74%)
- Green (95%)
- Blue (87%)



- Red (74%)
- Yellow (86%)
- Blue (95%)



- Cyan (22%)
- Magenta (0%)
- Yellow (7%)
- Black (5%)




- Cyan (26%)
- Magenta (5%)
- Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 79.0571, 0.2904, 0.3492 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 79.0571, 0.2904, 0.3492 by changing the saturation by 10% instead.


 79.0571, 0.2904,
0.3492

 79.0571, 0.2904,
0.3492

491.7495, 0.3006,
0.3399

 58.9428, 0.2881,
0.3513


 132.0392, 0.2939,
0.3460

 42.5670, 0.2852,
0.3540

165.6758, 0.2953,
0.3447

 29.5456, 0.2816,
0.3573


204.5886, 0.2965,
0.3436

 19.4939, 0.2770,
0.3616

249.1620, 0.2975,
0.3427

 12.0277, 0.2707,
0.3676

299.7804, 0.2984,
0.3419

 6.7626, 0.2616,
0.3762

356.8282, 0.2993,

 3.3140, 0.2478,

0.3411

0.3896

420.6898, 0.3000,
0.3405

■ 1.2978, 0.2216,
0.4147

■ 0.1395, 0.0000,
1.0000

■ 79.0571, 0.2904,
0.3492

■ 79.0571, 0.2904,
0.3492

■ 75.7923, 0.2810,
0.3600

■ 82.8628, 0.3005,
0.3393

■ 73.0328, 0.2727,
0.3717

■ 87.2233, 0.3110,
0.3304

■ 70.7543, 0.2657,
0.3842

■ 90.9627, 0.3176,
0.3223

■ 68.9262, 0.2604,
0.3972

■ 91.4040, 0.3133,
0.3156

■ 67.5144, 0.2569,
0.4106

■ 66.4798, 0.2555,
0.4242

■ 65.7755, 0.2561,
0.4375

■ 65.3774, 0.2579,
0.4485

Harmonies

Analogous

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



79.0571, 0.3133, 0.3659



79.0571, 0.2904, 0.3492



79.0571, 0.2738, 0.3269

Triad

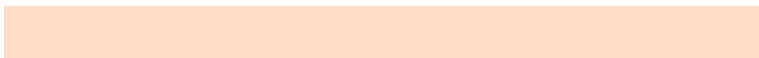
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



79.0571, 0.2904, 0.3492



79.0571, 0.2880, 0.2892



79.0571, 0.3603, 0.3490

Complementary

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



79.0571, 0.2904, 0.3492



59.5724, 0.3417, 0.3097

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.



79.0571, 0.3531, 0.3291



79.0571, 0.2904, 0.3492



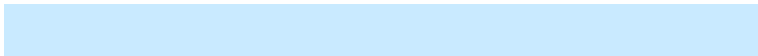
79.0571, 0.3106, 0.2955

Square

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



79.0571, 0.2904, 0.3492



79.0571, 0.2725, 0.2928



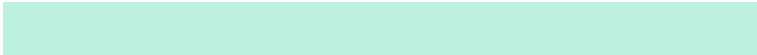
79.0571, 0.3346, 0.3098



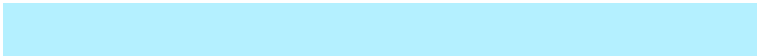
79.0571, 0.3541, 0.3648

Rectangle

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



79.0571, 0.2904, 0.3492



79.0571, 0.2682, 0.3125



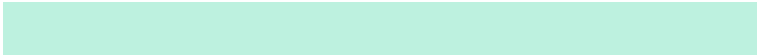
79.0571, 0.3346, 0.3098



79.0571, 0.3594, 0.3426

Sweetspot

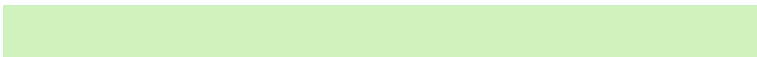
The Sweet Spot groups the original color and five complimentary colors.



79.0604, 0.2904, 0.3492



96.8762, 0.3063, 0.3342



79.8836, 0.3219, 0.3872



20.6658, 0.3056, 0.3348



0.0000, 0.0000, 0.0000



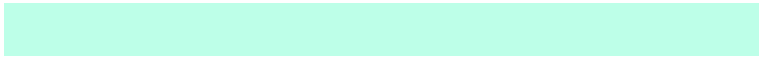
21.4041, 0.3127, 0.3290

Same Dimension

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



79.0604, 0.2904, 0.3492



88.1290, 0.2861, 0.3539



75.5578, 0.2799, 0.3202



17.8305, 0.3027, 0.3373



35.4716, 0.2573, 0.4464



2.9696, 0.2525, 0.4290

Inverse Universe

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



59.5724, 0.3417, 0.3097



62.2626, 0.3494, 0.3055



62.1913, 0.3548, 0.3376



15.8492, 0.3239, 0.3208



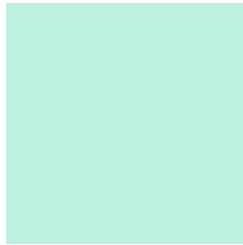
10.5064, 0.5590, 0.2853



0.8921, 0.5224, 0.2651

Previews

White Background



This preview shows how the Yxy color 79.0571, 0.2904, 0.3492 looks on a white background.

Color Contrast Check

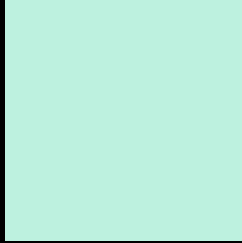
Large Text (above 18pt) WCAG AA × Fail

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 79.0571, 0.2904, 0.3492 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

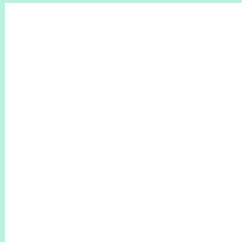
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 79.0571, 0.2904, 0.3492

Background



This preview shows how black text looks on a background with the Yxy color 79.0571, 0.2904, 0.3492.

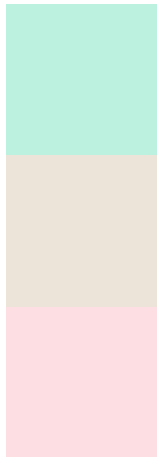


This preview shows how white text looks on a background with the Yxy color 79.0571, 0.2904, 0.3492.

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

79.0571, 0.2904, 0.3492

Protanopia

78.2775, 0.3261, 0.3416

Deuteranopia

78.4841, 0.3308, 0.3240



Tritanopia

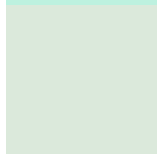
78.8130, 0.2762, 0.3085

Trichromacy



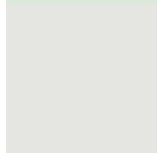
Original Color

79.0571, 0.2904, 0.3492



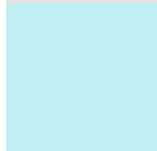
Protanomaly

78.4524, 0.3120, 0.3441



Deuteranomaly

78.1876, 0.3146, 0.3322



Tritanomaly

78.9576, 0.2816, 0.3234

Monochromacy



Original Color

79.0571, 0.2904, 0.3492



Achromatopsia

73.7910, 0.3127, 0.3290



Achromatomaly

75.7702, 0.3043, 0.3366

CSS Examples

Text

The CSS property to change the color of the text to Yxy 79.0571, 0.2904, 0.3492 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(189, 241, 223)` looks like.

```
.text, #text, p{  
    color:rgb(189, 241, 223)  
}
```

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(189, 241, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(189, 241, 223) }
```

Border

The CSS property to change the border of an element to Yxy 79.0571, 0.2904, 0.3492 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(189, 241, 223) }
```

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

```
.border{ border-color:rgb(189, 241, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(189, 241, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(189, 241, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(189, 241, 223);  
box-shadow:4px 4px 4px 4px rgb(189, 241,  
223) }
```


Background

The CSS property to change the background color of an element to Yxy 79.0571, 0.2904, 0.3492 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(189, 241, 223) }
```

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

```
.background{ background-color: rgb(189,  
241, 223) }
```

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