

Converting Colors

$Yxy(79.7773, 0.2924, 0.3493)$

Have a look what the booklet for
Yxy(79.7773, 0.2924, 0.3493)
contains.

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Color

Yxy(79.4448, 0.2922, 0.3491)

Conversions

Conversions Part 1

Format	Color
Hex	C0F1DF
RGB	192, 241, 223
RGB Percent	75%, 95%, 87%
CMY	0.2474, 0.0548, 0.1256
CMYK	0.20, 0.00, 0.07, 0.05
HSL	158°, 64%, 85%
HSV	158°, 20%, 95%
XYZ	66.4960, 79.4448, 81.6295
YIQ	224.2970, -23.4260, -15.9860

Conversions

Conversions Part 2

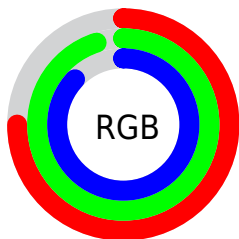
Format	Color
RYB	192, 222, 241
Decimal	12644831
CIELab	91.44, -19.21, 3.55
CIElCh	91, 19.537, 169.545
Yxy	79.4448, 0.2922, 0.3491
Android (android.graphics.Color)	4290834911 (0xFFC0F1DF)
YUV	224.2970, -0.6394, -28.3245
Hunter-Lab	89.1318, -22.8122, 8.0928

Details

The Yxy color **79.4448, 0.2922, 0.3491** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **61.0216, 0.3388, 0.3098**, and the grayscale version is **74.7731, 0.3127, 0.3290**.

A 20% lighter version of the original color is **98.8797, 0.3090, 0.3290**, and **42.9284, 0.2877, 0.3538** is the 20% darker color. If you saturate the color by 10%, you get **76.0916, 0.2830, 0.3605**, and if you desaturate by 10%, it is **83.3447, 0.3021, 0.3387**.

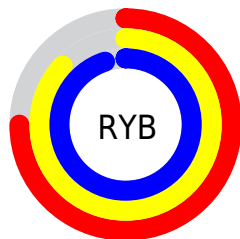
Distribution



Red (75%)

Green (95%)

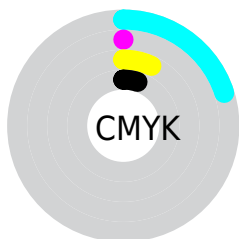
Blue (87%)



Red (75%)

Yellow (87%)

Blue (95%)

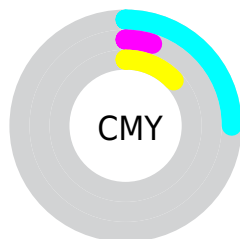


Cyan (20%)

Magenta (0%)

Yellow (7%)

Black (5%)



Cyan (25%)

Magenta (5%)

Yellow (13%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 79.4448, 0.2922, 0.3491 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 79.4448, 0.2922, 0.3491 by changing the saturation by 10% instead.

■ 79.4448, 0.2922,
0.3491

■ 79.4448, 0.2922,
0.3491

493.0598, 0.3016,
0.3398

■ 59.2616, 0.2901,
0.3512

■ 132.5849, 0.2954,
0.3459

■ 42.8237, 0.2875,
0.3538

166.3105, 0.2967,
0.3446

■ 29.7468, 0.2841,
0.3571

205.3191, 0.2978,
0.3436

■ 19.6465, 0.2799,
0.3615

249.9950, 0.2988,
0.3426

■ 12.1384, 0.2740,
0.3674

300.7226, 0.2996,
0.3418

■ 6.8380, 0.2657,
0.3759

357.8864, 0.3003,

■ 3.3610, 0.2529,

0.3411

421.8706, 0.3010,
0.3404

0.3893

1.3230, 0.2296,
0.4138

0.1589, 0.0000,
1.0000

79.4448, 0.2922,
0.3491

79.4448, 0.2922,
0.3491

76.0916, 0.2830,
0.3605

83.3447, 0.3021,
0.3387

73.2498, 0.2747,
0.3729

87.8051, 0.3123,
0.3293

70.8951, 0.2677,
0.3861

91.0588, 0.3167,
0.3208

68.9974, 0.2624,
0.3999

91.4048, 0.3133,
0.3156

■ 67.5229, 0.2588,
0.4142

■ 66.4333, 0.2574,
0.4286

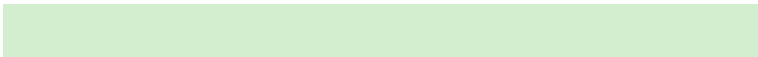
■ 65.6826, 0.2579,
0.4429

■ 65.2074, 0.2601,
0.4563

Harmonies

Analogous

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



79.4448, 0.3143, 0.3647



79.4448, 0.2922, 0.3491



79.4448, 0.2759, 0.3279

Triad

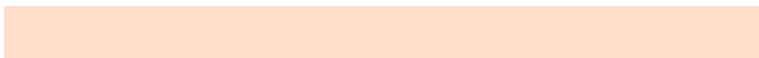
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



79.4448, 0.2922, 0.3491



79.4448, 0.2883, 0.2909



79.4448, 0.3581, 0.3475

Complementary

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



79.4448, 0.2922, 0.3491



61.0216, 0.3388, 0.3098

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.



79.4448, 0.3508, 0.3283



79.4448, 0.2922, 0.3491



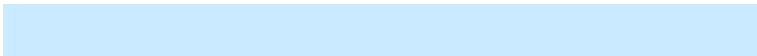
79.4448, 0.3098, 0.2965

Square

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



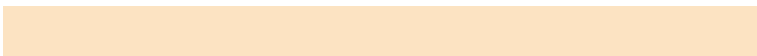
79.4448, 0.2922, 0.3491



79.4448, 0.2738, 0.2947



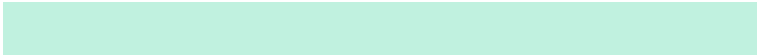
79.4448, 0.3328, 0.3100



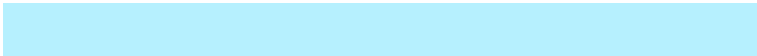
79.4448, 0.3528, 0.3628

Rectangle

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



79.4448, 0.2922, 0.3491



79.4448, 0.2703, 0.3141



79.4448, 0.3328, 0.3100



79.4448, 0.3571, 0.3413

Sweetspot

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



79.4481, 0.2922, 0.3491



96.8560, 0.3065, 0.3345



80.5384, 0.3225, 0.3833



20.6610, 0.3058, 0.3351



0.0000, 0.0000, 0.0000



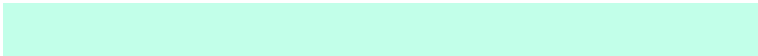
21.4041, 0.3127, 0.3290

Same Dimension

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



79.4481, 0.2922, 0.3491



88.8184, 0.2887, 0.3532



77.1348, 0.2819, 0.3226



17.8247, 0.3030, 0.3378



35.3794, 0.2594, 0.4540



2.9623, 0.2543, 0.4356

Inverse Universe

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



61.0216, 0.3388, 0.3098



64.7272, 0.3448, 0.3061



62.7363, 0.3522, 0.3353



15.8549, 0.3235, 0.3204



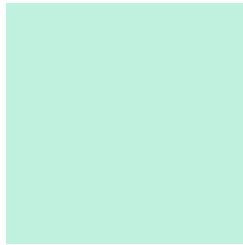
10.5517, 0.5508, 0.2808



0.8963, 0.5148, 0.2609

Previews

White Background



This preview shows how the Yxy color 79.4448, 0.2922, 0.3491 looks on a white background.

Color Contrast Check

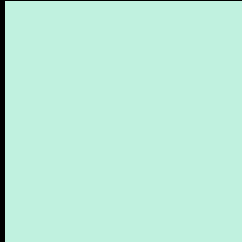
Large Text (above 18pt) WCAG AA × Fail

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 79.4448, 0.2922, 0.3491 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

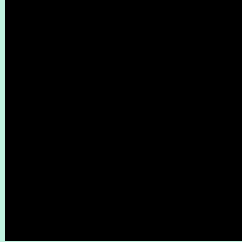
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

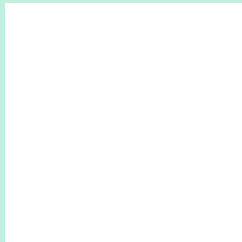
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 79.4448, 0.2922, 0.3491

Background



This preview shows how black text looks on a background with the Yxy color 79.4448, 0.2922, 0.3491.

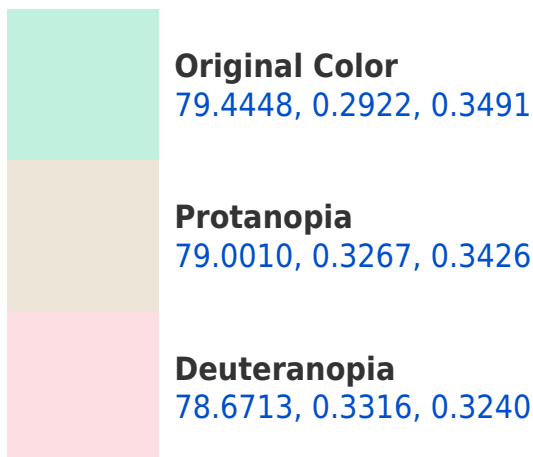


This preview shows how white text looks on a background with the Yxy color 79.4448, 0.2922, 0.3491.

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

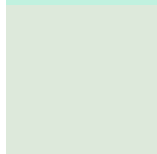
79.2167, 0.2779, 0.3086

Trichromacy



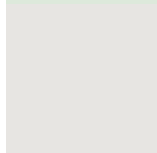
Original Color

79.4448, 0.2922, 0.3491



Protanomaly

78.7645, 0.3134, 0.3440



Deuteranomaly

78.5185, 0.3160, 0.3322



Tritanomaly

79.3559, 0.2834, 0.3235

Monochromacy



Original Color

79.4448, 0.2922, 0.3491



Achromatopsia

74.5404, 0.3127, 0.3290



Achromatomaly

75.9725, 0.3043, 0.3355

CSS Examples

Text

The CSS property to change the color of the text to Yxy 79.4448, 0.2922, 0.3491 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(192, 241, 223)` looks like.

```
.text, #text, p{  
    color:rgb(192, 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(192, 241, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(192, 241, 223) }
```

Border

The CSS property to change the border of an element to Yxy 79.4448, 0.2922, 0.3491 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(192, 241, 223) }
```

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

```
.border{ border-color:rgb(192, 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(192, 241, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(192, 241, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(192, 241, 223);  
box-shadow:4px 4px 4px 4px rgb(192, 241,  
223) }
```


Background

The CSS property to change the background color of an element to Yxy 79.4448, 0.2922, 0.3491 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(192, 241, 223) }
```

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

```
.background{ background-color: rgb(192,  
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](#).

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