

Converting Colors

$Yxy(78.9073, 0.2934, 0.3477)$

Have a look what the booklet for
Yxy(78.9073, 0.2934, 0.3477)
contains.

Yxy(79.1172, 0.2934, 0.3479)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(79.1172, 0.2934, 0.3479)

Conversions

Conversions Part 1

Format	Color
Hex	C2F0DF
RGB	194, 240, 223
RGB Percent	76%, 94%, 87%
CMY	0.2393, 0.0588, 0.1254
CMYK	0.19, 0.00, 0.07, 0.06
HSL	158°, 61%, 85%
HSV	158°, 19%, 94%
XYZ	66.7232, 79.1172, 81.5733
YIQ	224.3080, -21.9590, -15.0390

Conversions

Conversions Part 2

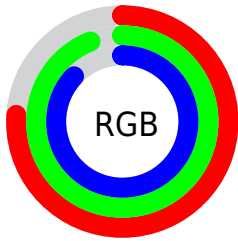
Format	Color
RYB	194, 222, 240
Decimal	12775647
CIELab	91.29, -18.07, 3.33
CIELCh	91, 18.375, 169.552
Yxy	79.1172, 0.2934, 0.3479
Android (android.graphics.Color)	4290965727 (0xFFC2F0DF)
YUV	224.3080, -0.6448, -26.5801
Hunter-Lab	88.9478, -21.7591, 7.8892

Details

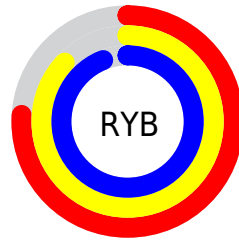
The Yxy color **79.1172, 0.2934, 0.3479** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **61.8008, 0.3369, 0.3109**, and the grayscale version is **74.7883, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.2492, 0.3102, 0.3290**, and **42.6836, 0.2891, 0.3523** is the 20% darker color. If you saturate the color by 10%, you get **75.7320, 0.2841, 0.3593**, and if you desaturate by 10%, it is **83.0469, 0.3033, 0.3376**.

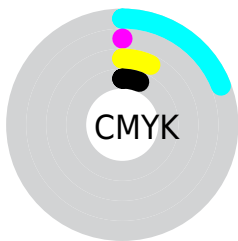
Distribution



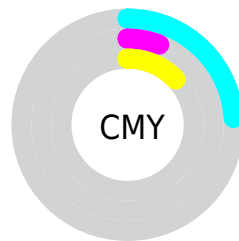
- Red (76%)
- Green (94%)
- Blue (87%)



- Red (76%)
- Yellow (87%)
- Blue (94%)



- Cyan (19%)
- Magenta (0%)
- Yellow (7%)
- Black (6%)





- Cyan (24%)
- Magenta (6%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 79.1172, 0.2934, 0.3479 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 79.1172, 0.2934, 0.3479 by changing the saturation by 10% instead.

 79.1172, 0.2934,
0.3479

 79.1172, 0.2934,
0.3479


491.9527, 0.3023,
0.3392

 58.9922, 0.2914,
0.3499


 132.1238, 0.2965,
0.3449

 42.6068, 0.2889,
0.3523


165.7742, 0.2977,
0.3437

 29.5767, 0.2858,
0.3555


204.7019, 0.2987,
0.3427

 19.5175, 0.2818,
0.3595

249.2912, 0.2996,
0.3418

 12.0448, 0.2763,
0.3651

299.9265, 0.3004,
0.3410

 6.7742, 0.2684,
0.3731


356.9923, 0.3011,


 3.3213, 0.2563,


0.3403


420.8729, 0.3017,
0.3397


0.3857


 1.3017, 0.2344,
0.4087


 0.1425, 0.0000,
1.0000

 79.1172, 0.2934,
0.3479


 79.1172, 0.2934,
0.3479


 75.7320, 0.2841,
0.3593


 83.0469, 0.3033,
0.3376


 72.8563, 0.2757,
0.3716

 87.5344, 0.3136,
0.3283

 70.4666, 0.2686,
0.3847

 90.4633, 0.3167,
0.3198

 68.5332, 0.2630,
0.3986

 90.8063, 0.3134,
0.3146

■ 67.0234, 0.2593,
0.4129

■ 65.8997, 0.2576,
0.4274

■ 65.1178, 0.2579,
0.4418

■ 64.6097, 0.2601,
0.4558

■ 64.5732, 0.2603,
0.4569

Harmonies

Analogous

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



79.1172, 0.3142, 0.3625



79.1172, 0.2934, 0.3479



79.1172, 0.2780, 0.3280

Triad

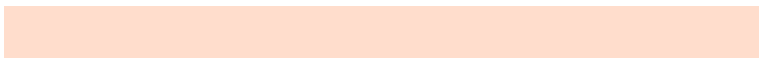
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



79.1172, 0.2934, 0.3479



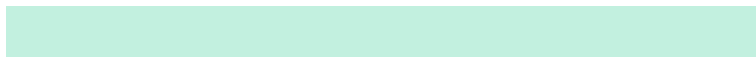
79.1172, 0.2897, 0.2930



79.1172, 0.3555, 0.3465

Complementary

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



79.1172, 0.2934, 0.3479



61.8008, 0.3369, 0.3109

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.



79.1172, 0.3485, 0.3284



79.1172, 0.2934, 0.3479



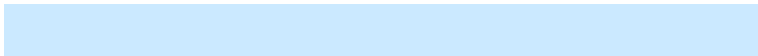
79.1172, 0.3100, 0.2983

Square

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



79.1172, 0.2934, 0.3479



79.1172, 0.2760, 0.2967



79.1172, 0.3317, 0.3110



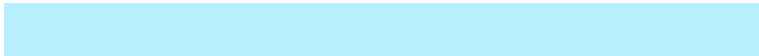
79.1172, 0.3505, 0.3609

Rectangle

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



79.1172, 0.2934, 0.3479



79.1172, 0.2727, 0.3150



79.1172, 0.3317, 0.3110



79.1172, 0.3545, 0.3407

Sweetspot

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



79.1205, 0.2934, 0.3479



96.8542, 0.3065, 0.3345



80.1610, 0.3220, 0.3799



20.6606, 0.3059, 0.3351



0.0000, 0.0000, 0.0000



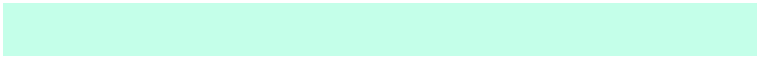
21.4041, 0.3127, 0.3290

Same Dimension

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



79.1205, 0.2934, 0.3479



89.2056, 0.2897, 0.3522



76.9682, 0.2836, 0.3230



17.8242, 0.3030, 0.3379



35.3715, 0.2596, 0.4547



2.9617, 0.2545, 0.4361

Inverse Universe

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



61.8008, 0.3369, 0.3109



65.9602, 0.3431, 0.3070



63.4266, 0.3494, 0.3349



15.8554, 0.3235, 0.3203



10.5559, 0.5501, 0.2804



0.8967, 0.5141, 0.2606

Previews

White Background



This preview shows how the Yxy color 79.1172, 0.2934, 0.3479 looks on a white background.

Color Contrast Check

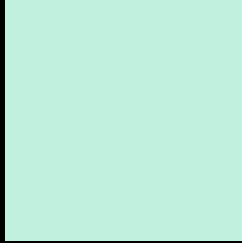
Large Text (above 18pt) WCAG AA × Fail

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 79.1172, 0.2934, 0.3479 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

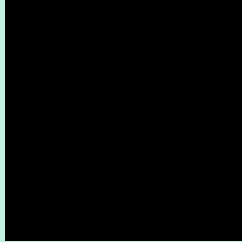
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

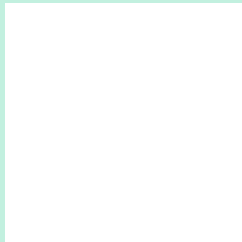
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 79.1172, 0.2934, 0.3479

Background



This preview shows how black text looks on a background with the Yxy color 79.1172, 0.2934, 0.3479.

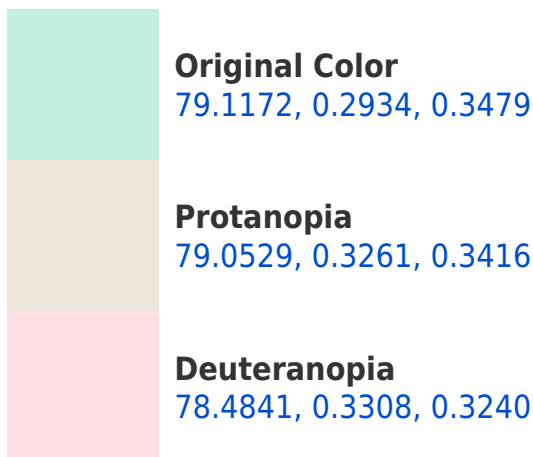


This preview shows how white text looks on a background with the Yxy color 79.1172, 0.2934, 0.3479.

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

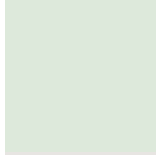
78.8518, 0.2795, 0.3086

Trichromacy



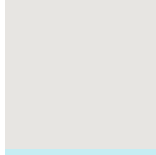
Original Color

79.1172, 0.2934, 0.3479



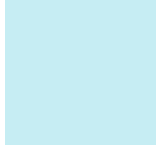
Protanomaly

78.7645, 0.3134, 0.3440



Deuteranomaly

78.5185, 0.3160, 0.3322



Tritanomaly

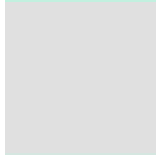
79.0452, 0.2845, 0.3224

Monochromacy



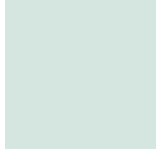
Original Color

79.1172, 0.2934, 0.3479



Achromatopsia

74.5404, 0.3127, 0.3290



Achromatomaly

76.1216, 0.3050, 0.3355

CSS Examples

Text

The CSS property to change the color of the text to Yxy 79.1172, 0.2934, 0.3479 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(194, 240, 223)` looks like.

```
.text, #text, p{  
    color:rgb(194, 240, 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(194, 240, 223) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(194, 240, 223) }
```

Border

The CSS property to change the border of an element to Yxy 79.1172, 0.2934, 0.3479 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(194, 240, 223) }
```

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

```
.border{ border-color:rgb(194, 240, 223) }
```

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

Here you see how a box with a 4 pixel `rgb(194, 240, 223)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(194, 240, 223); -webkit-box-  
shadow:4px 4px 4px 4px rgb(194, 240, 223);  
box-shadow:4px 4px 4px 4px rgb(194, 240,  
223) }
```


Background

The CSS property to change the background color of an element to Yxy 79.1172, 0.2934, 0.3479 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(194, 240, 223) }
```

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

```
.background{ background-color: rgb(194,  
240, 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