

Converting Colors

$Yxy(78.2682, 0.2990, 0.3555)$

Have a look what the booklet for
Yxy(78.2682, 0.2990, 0.3555)
contains.

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Color

Yxy(78.3751, 0.2992, 0.3559)

Conversions

Conversions Part 1

Format	Color
Hex	C4EFD7
RGB	196, 239, 215
RGB Percent	77%, 94%, 84%
CMY	0.2316, 0.0627, 0.1568
CMYK	0.18, 0.00, 0.10, 0.06
HSL	147°, 57%, 85%
HSV	147°, 18%, 94%
XYZ	65.8888, 78.3751, 75.9527
YIQ	223.4070, -17.9240, -16.5800

Conversions

Conversions Part 2

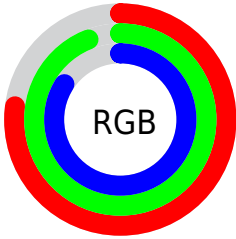
Format	Color
RYB	196, 226, 239
Decimal	12906455
CIELab	90.95, -18.48, 7.02
CIELCh	91, 19.770, 159.190
Yxy	78.3751, 0.2992, 0.3559
Android (android.graphics.Color)	4291096535 (0xFFC4EFD7)
YUV	223.4070, -4.1447, -24.0359
Hunter-Lab	88.5297, -22.0772, 11.1038

Details

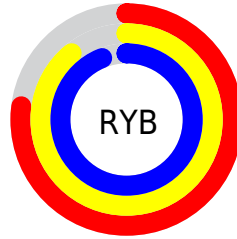
The Yxy color **78.3751, 0.2992, 0.3559** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **62.9767, 0.3290, 0.3036**, and the grayscale version is **74.1324, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.6226, 0.3115, 0.3290**, and **42.1558, 0.2964, 0.3629** is the 20% darker color. If you saturate the color by 10%, you get **74.7681, 0.2921, 0.3732**, and if you desaturate by 10%, it is **82.5550, 0.3066, 0.3403**.

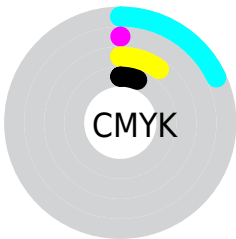
Distribution



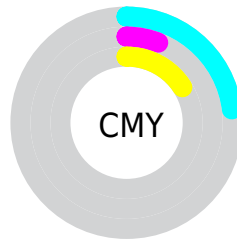
- Red (77%)
- Green (94%)
- Blue (84%)



- Red (77%)
- Yellow (89%)
- Blue (94%)



- Cyan (18%)
- Magenta (0%)
- Yellow (10%)
- Black (6%)





- Cyan (23%)
- Magenta (6%)
- Yellow (16%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 78.3751, 0.2992, 0.3559 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 78.3751, 0.2992, 0.3559 by changing the saturation by 10% instead.


 78.3751, 0.2992,
0.3559

 78.3751, 0.2992,
0.3559


489.4398, 0.3055,
0.3434

 58.3822, 0.2977,
0.3588

131.0788, 0.3014,
0.3515

 42.1160, 0.2960,
0.3624


164.5583, 0.3022,
0.3498

 29.1921, 0.2937,
0.3669


203.3021, 0.3030,
0.3484

 19.2262, 0.2907,
0.3730

247.6946, 0.3036,
0.3471

 11.8338, 0.2865,
0.3812

298.1203, 0.3042,
0.3460

 6.6306, 0.2805,
0.3933

354.9634, 0.3047,

 3.2322, 0.2709,

0.3450

418.6085, 0.3051,
0.3441

0.4126

1.2541, 0.2518,
0.4504

0.1053, 0.0000,
1.0000

78.3751, 0.2992,
0.3559

78.3751, 0.2992,
0.3559

74.7681, 0.2921,
0.3732

82.5550, 0.3066,
0.3403

71.6986, 0.2857,
0.3922

87.3217, 0.3142,
0.3264

69.1426, 0.2803,
0.4127

90.2207, 0.3134,
0.3137

67.0700, 0.2762,
0.4342

90.2221, 0.3134,
0.3136

■ 65.4477, 0.2737,
0.4562

■ 64.2381, 0.2731,
0.4781

■ 63.3972, 0.2745,
0.4992

■ 62.8646, 0.2777,
0.5187

■ 62.7784, 0.2784,
0.5224

Harmonies

Analogous

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



78.3751, 0.3224, 0.3684



78.3751, 0.2992, 0.3559



78.3751, 0.2801, 0.3355

Triad

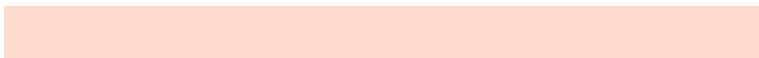
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



78.3751, 0.2992, 0.3559



78.3751, 0.2818, 0.2905



78.3751, 0.3578, 0.3412

Complementary

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



78.3751, 0.2992, 0.3559



62.9767, 0.3290, 0.3036

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.



78.3751, 0.3461, 0.3215



78.3751, 0.2992, 0.3559



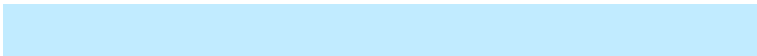
78.3751, 0.3017, 0.2930

Square

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



78.3751, 0.2992, 0.3559



78.3751, 0.2703, 0.2978



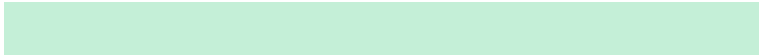
78.3751, 0.3253, 0.3042



78.3751, 0.3568, 0.3587

Rectangle

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



78.3751, 0.2992, 0.3559



78.3751, 0.2720, 0.3209



78.3751, 0.3253, 0.3042



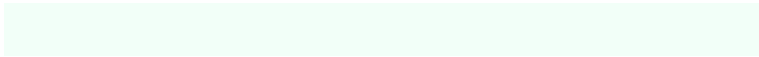
78.3751, 0.3552, 0.3347

Sweetspot

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



78.3784, 0.2992, 0.3559



97.2122, 0.3089, 0.3359



80.9965, 0.3268, 0.3757



20.7266, 0.3084, 0.3369



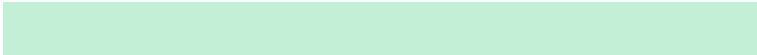
0.0000, 0.0000, 0.0000



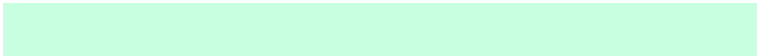
21.4041, 0.3127, 0.3290

Same Dimension

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



78.3784, 0.2992, 0.3559



89.0157, 0.2963, 0.3627



79.5360, 0.2872, 0.3321



17.7727, 0.3055, 0.3425



34.7131, 0.2776, 0.5195



2.9075, 0.2705, 0.4938

Inverse Universe

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



62.9767, 0.3290, 0.3036



67.7835, 0.3334, 0.2976



61.9271, 0.3454, 0.3260



15.9064, 0.3206, 0.3159



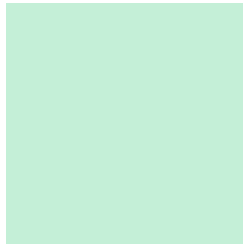
11.1070, 0.4716, 0.2372



0.9440, 0.4463, 0.2232

Previews

White Background



This preview shows how the Yxy color 78.3751, 0.2992, 0.3559 looks on a white background.

Color Contrast Check

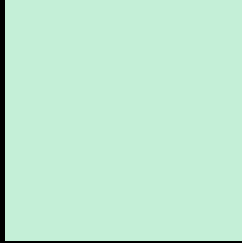
Large Text (above 18pt) WCAG AA × Fail

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 78.3751, 0.2992, 0.3559 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

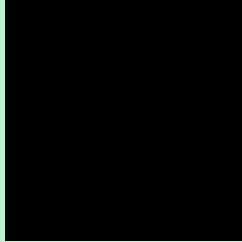
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

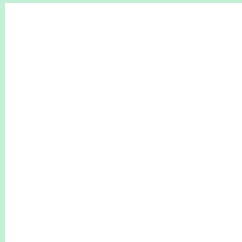
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 78.3751, 0.2992, 0.3559

Background



This preview shows how black text looks on a background with the Yxy color 78.3751, 0.2992, 0.3559.

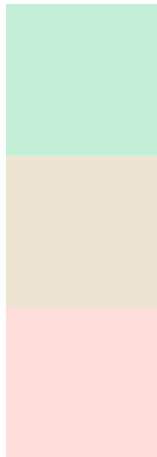


This preview shows how white text looks on a background with the Yxy color 78.3751, 0.2992, 0.3559.

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

78.3751, 0.2992, 0.3559

Protanopia

78.0948, 0.3315, 0.3490

Deuteranopia

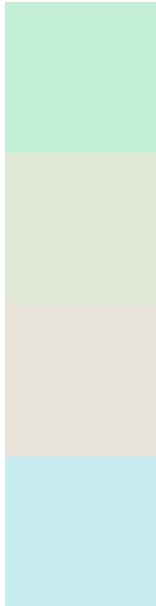
77.8982, 0.3380, 0.3311



Tritanopia

78.5704, 0.2823, 0.3097

Trichromacy



Original Color

78.3751, 0.2992, 0.3559

Protanomaly

77.9460, 0.3192, 0.3517

Deuteranomaly

77.8724, 0.3227, 0.3396

Tritanomaly

78.5023, 0.2879, 0.3257

Monochromacy



Original Color

78.3751, 0.2992, 0.3559

Achromatopsia

73.7910, 0.3127, 0.3290

Achromatomaly

75.3521, 0.3075, 0.3388

CSS Examples

Text

The CSS property to change the color of the text to Yxy 78.3751, 0.2992, 0.3559 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(196, 239, 215)` looks like.

```
.text, #text, p{  
    color:rgb(196, 239, 215)  
}
```

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(196, 239, 215) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(196, 239, 215) }
```

Border

The CSS property to change the border of an element to Yxy 78.3751, 0.2992, 0.3559 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(196, 239, 215) }
```

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

```
.border{ border-color:rgb(196, 239, 215) }
```

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

Here you see how a box with a 4 pixel rgb(196, 239, 215) colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(196, 239, 215); -webkit-box-  
shadow:4px 4px 4px 4px rgb(196, 239, 215);  
box-shadow:4px 4px 4px 4px rgb(196, 239,  
215) }
```


Background

The CSS property to change the background color of an element to Yxy 78.3751, 0.2992, 0.3559 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(196, 239, 215) }
```

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

```
.background{ background-color: rgb(196,  
239, 215) }
```

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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