

Converting Colors

$Yxy(78.3690, 0.2953, 0.3414)$

Have a look what the booklet for
Yxy(78.3690, 0.2953, 0.3414)
contains.

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Color

Yxy(78.3387, 0.2953, 0.3411)

Conversions

Conversions Part 1

| Format | Color |
|-------------|------------------------------|
| Hex | C8EDE2 |
| RGB | 200, 237, 226 |
| RGB Percent | 78%, 93%, 89% |
| CMY | 0.2159, 0.0705, 0.1137 |
| CMYK | 0.16, 0.00, 0.05, 0.07 |
| HSL | 162°, 51%, 86% |
| HSV | 162°, 16%, 93% |
| XYZ | 67.8200, 78.3387, 83.5062 |
| YIQ | 224.6830, -18.5210, -11.2650 |

Conversions

Conversions Part 2

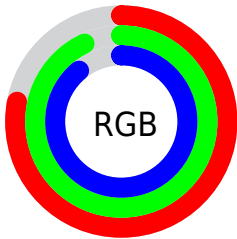
| Format | Color |
|-------------------------------------|-------------------------------|
| R _Y B | 200, 222, 237 |
| Decimal | 13168098 |
| CIE Lab | 90.93, -14.13, 1.30 |
| CIE LCh | 91, 14.186, 174.743 |
| Yxy | 78.3387, 0.2953, 0.3411 |
| Android (android.graphics.Color) | 4291358178 (0xFFC8EDE2) |
| YUV | 224.6830, 0.6493, -21.6470 |
| Hunter-Lab | 88.5092, -18.1156, 6.0178 |

Details

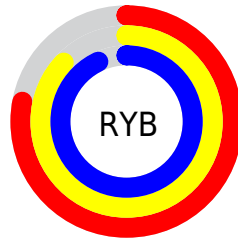
The Yxy color **78.3387, 0.2953, 0.3411** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **63.9889, 0.3338, 0.3172**, and the grayscale version is **75.0559, 0.3127, 0.3290**.

A 20% lighter version of the original color is **100.0000, 0.3127, 0.3290**, and **42.0990, 0.2914, 0.3434** is the 20% darker color. If you saturate the color by 10%, you get **74.9504, 0.2849, 0.3499**, and if you desaturate by 10%, it is **82.2552, 0.3063, 0.3331**.

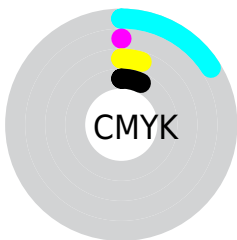
Distribution



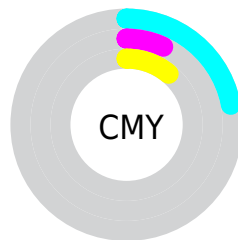
- Red (78%)
- Green (93%)
- Blue (89%)



- Red (78%)
- Yellow (87%)
- Blue (93%)



- Cyan (16%)
- Magenta (0%)
- Yellow (5%)
- Black (7%)





- Cyan (22%)
- Magenta (7%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 78.3387, 0.2953, 0.3411 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 78.3387, 0.2953, 0.3411 by changing the saturation by 10% instead.


 78.3387, 0.2953,
0.3411

 78.3387, 0.2953,
0.3411


489.3163, 0.3033,
0.3356

 58.3523, 0.2935,
0.3424


131.0275, 0.2980,
0.3392

 42.0919, 0.2913,
0.3439


164.4986, 0.2991,
0.3384

 29.1733, 0.2885,
0.3459


203.2334, 0.3000,
0.3378

 19.2119, 0.2849,
0.3484

247.6162, 0.3009,
0.3372

 11.8235, 0.2800,
0.3519

298.0316, 0.3016,
0.3367

 6.6236, 0.2730,
0.3569


354.8638, 0.3022,


 3.2279, 0.2622,


0.3363


0.3646

418.4972, 0.3028,
0.3359


 1.2518, 0.2435,
0.3783


 0.1034, 0.0000,
0.8263


 78.3387, 0.2953,
0.3411


 78.3387, 0.2953,
0.3411


 74.9504, 0.2849,
0.3499

 82.2552, 0.3063,
0.3331

 72.0570, 0.2754,
0.3593

 86.7121, 0.3177,
0.3260

 69.6367, 0.2671,
0.3695

 88.5619, 0.3184,
0.3192

 67.6618, 0.2603,
0.3803

 89.0047, 0.3140,
0.3125

■ 66.1020, 0.2552,
0.3914

■ 89.0592, 0.3135,
0.3117

■ 64.9230, 0.2522,
0.4027

■ 64.0848, 0.2511,
0.4141

■ 63.5380, 0.2521,
0.4254

■ 63.3569, 0.2529,
0.4302

Harmonies

Analogous

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



78.3387, 0.3111, 0.3533



78.3387, 0.2953, 0.3411



78.3387, 0.2843, 0.3257

Triad

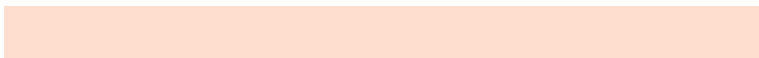
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



78.3387, 0.2953, 0.3411



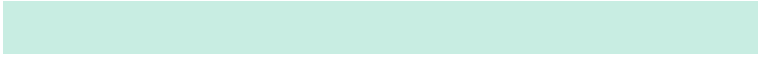
78.3387, 0.2974, 0.3011



78.3387, 0.3457, 0.3450

Complementary

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



78.3387, 0.2953, 0.3411



63.9889, 0.3338, 0.3172

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.



78.3387, 0.3419, 0.3312



78.3387, 0.2953, 0.3411



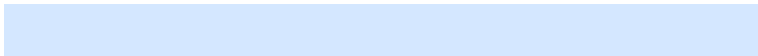
78.3387, 0.3137, 0.3063

Square

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



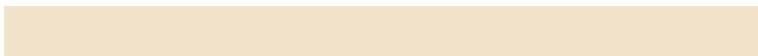
78.3387, 0.2953, 0.3411



78.3387, 0.2855, 0.3029



78.3387, 0.3301, 0.3172



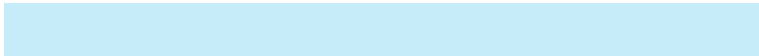
78.3387, 0.3404, 0.3551

Rectangle

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



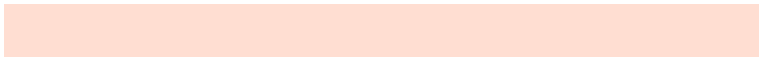
78.3387, 0.2953, 0.3411



78.3387, 0.2810, 0.3160



78.3387, 0.3301, 0.3172



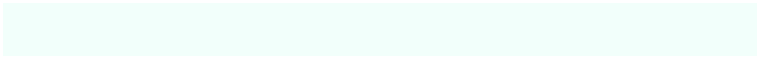
78.3387, 0.3455, 0.3407

Sweetspot

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



78.3420, 0.2953, 0.3411



97.4202, 0.3070, 0.3327



78.6048, 0.3182, 0.3701



20.7771, 0.3062, 0.3332



0.0000, 0.0000, 0.0000



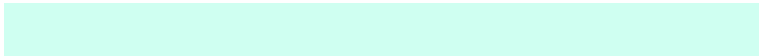
21.4041, 0.3127, 0.3290

Same Dimension

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



78.3420, 0.2953, 0.3411



91.0488, 0.2916, 0.3440



74.7595, 0.2887, 0.3208



17.0413, 0.3021, 0.3361



34.6085, 0.2523, 0.4284



2.7344, 0.2480, 0.4129

Inverse Universe

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



63.9889, 0.3338, 0.3172



70.8847, 0.3394, 0.3145



66.9733, 0.3410, 0.3371



15.1276, 0.3246, 0.3220



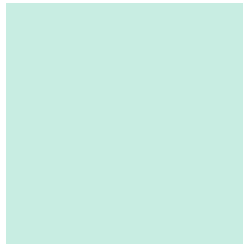
10.0937, 0.5770, 0.2952



0.8090, 0.5376, 0.2735

Previews

White Background



This preview shows how the Yxy color 78.3387, 0.2953, 0.3411 looks on a white background.

Color Contrast Check

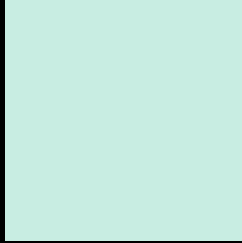
Large Text (above 18pt) WCAG AA × Fail

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 78.3387, 0.2953, 0.3411 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

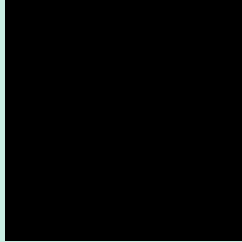
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

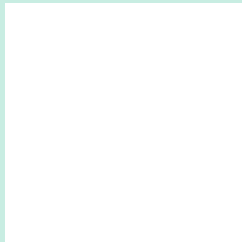
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 78.3387, 0.2953, 0.3411

Background



This preview shows how black text looks on a background with the Yxy color 78.3387, 0.2953, 0.3411.

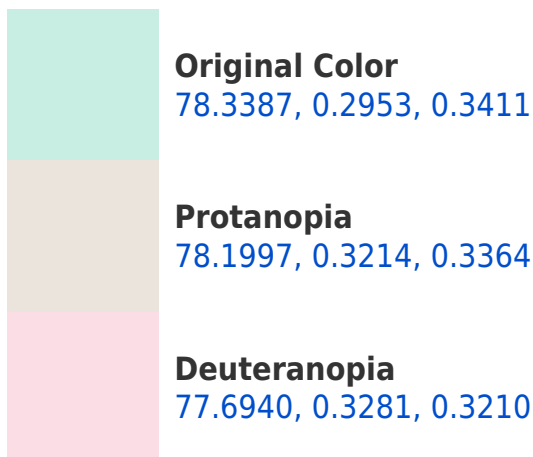


This preview shows how white text looks on a background with the Yxy color 78.3387, 0.2953, 0.3411.

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

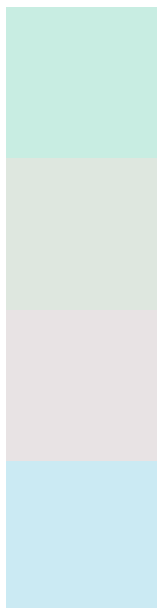




Tritanopia

78.2852, 0.2835, 0.3087

Trichromacy



Original Color

78.3387, 0.2953, 0.3411

Protanomaly

78.0091, 0.3116, 0.3376

Deuteranomaly

77.6954, 0.3155, 0.3280

Tritanomaly

78.0132, 0.2874, 0.3192

Monochromacy



Original Color

78.3387, 0.2953, 0.3411

Achromatopsia

75.2942, 0.3127, 0.3290

Achromatomaly

76.0738, 0.3064, 0.3333

CSS Examples

Text

The CSS property to change the color of the text to Yxy 78.3387, 0.2953, 0.3411 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(200, 237, 226)` looks like.

```
.text, #text, p{  
    color:rgb(200, 237, 226)  
}
```

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(200, 237, 226) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(200, 237, 226) }
```

Border

The CSS property to change the border of an element to Yxy 78.3387, 0.2953, 0.3411 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(200, 237, 226) }
```

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

```
.border{ border-color:rgb(200, 237, 226) }
```

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

Here you see how a box with a 4 pixel `rgb(200, 237, 226)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(200, 237, 226); -webkit-box-shadow:4px 4px 4px 4px rgb(200, 237, 226); box-shadow:4px 4px 4px 4px rgb(200, 237, 226) }
```


Background

The CSS property to change the background color of an element to Yxy 78.3387, 0.2953, 0.3411 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(200, 237, 226) }
```

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

```
.background{ background-color: rgb(200,  
237, 226) }
```

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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