

Converting Colors

$Yxy(77.5257, 0.2951, 0.3479)$

Have a look what the booklet for
Yxy(77.5257, 0.2951, 0.3479)
contains.

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Color

Yxy(77.3378, 0.2957, 0.3480)

Conversions

Conversions Part 1

Format	Color
Hex	C3EDDC
RGB	195, 237, 220
RGB Percent	76%, 93%, 86%
CMY	0.2352, 0.0706, 0.1372
CMYK	0.18, 0.00, 0.07, 0.07
HSL	156°, 54%, 85%
HSV	156°, 18%, 93%
XYZ	65.7149, 77.3378, 79.1824
YIQ	222.5040, -19.5750, -14.1910

Conversions

Conversions Part 2

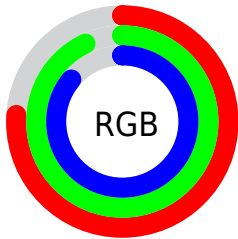
Format	Color
RYB	195, 221, 237
Decimal	12840412
CIELab	90.48, -16.83, 3.73
CIELCh	90, 17.235, 167.511
Yxy	77.3378, 0.2957, 0.3480
Android (android.graphics.Color)	4291030492 (0xFFC3EDDC)
YUV	222.5040, -1.2345, -24.1210
Hunter-Lab	87.9419, -20.5136, 8.1750

Details

The Yxy color **77.3378, 0.2957, 0.3480** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **61.8023, 0.3336, 0.3108**, and the grayscale version is **73.4471, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.4354, 0.3109, 0.3290**, and **41.4271, 0.2919, 0.3525** is the 20% darker color. If you saturate the color by 10%, you get **73.9362, 0.2867, 0.3603**, and if you desaturate by 10%, it is **81.2761, 0.3052, 0.3368**.

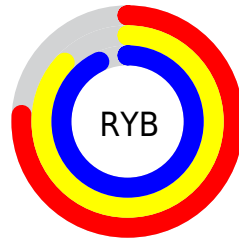
Distribution



Red (76%)

Green (93%)

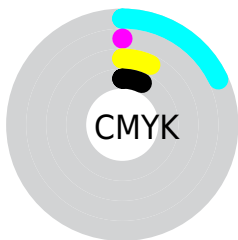
Blue (86%)



Red (76%)

Yellow (87%)

Blue (93%)

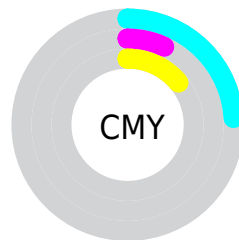


Cyan (18%)

Magenta (0%)

Yellow (7%)

Black (7%)



Cyan (24%)

Magenta (7%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 77.3378, 0.2957, 0.3480 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 77.3378, 0.2957, 0.3480 by changing the saturation by 10% instead.

77.3378, 0.2957,
0.3480

77.3378, 0.2957,
0.3480

485.9150, 0.3036,
0.3392

57.5302, 0.2939,
0.3500

129.6162, 0.2984,
0.3449

41.4310, 0.2917,
0.3525

162.8558, 0.2995,
0.3437

28.6560, 0.2889,
0.3557

201.3414, 0.3004,
0.3427

18.8208, 0.2853,
0.3599

245.4576, 0.3012,
0.3418

11.5409, 0.2803,
0.3656

295.5886, 0.3019,
0.3410

6.4319, 0.2732,
0.3739

352.1189, 0.3025,

3.1094, 0.2620,

0.3404

415.4329, 0.3031,
0.3397

0.3871

1.1891, 0.2399,
0.4124

0.0528, 0.0000,
1.0000

77.3378, 0.2957,
0.3480

77.3378, 0.2957,
0.3480

73.9362, 0.2867,
0.3603

81.2761, 0.3052,
0.3368

71.0375, 0.2786,
0.3738

85.7639, 0.3150,
0.3268

68.6189, 0.2716,
0.3882

88.6531, 0.3174,
0.3176

66.6522, 0.2661,
0.4034

89.0468, 0.3135,
0.3117

■ 65.1059, 0.2624,
0.4191

■ 63.9444, 0.2606,
0.4351

■ 63.1257, 0.2610,
0.4509

■ 62.5936, 0.2632,
0.4663

■ 62.4924, 0.2638,
0.4697

Harmonies

Analogous

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



77.3378, 0.3156, 0.3612



77.3378, 0.2957, 0.3480



77.3378, 0.2806, 0.3294

Triad

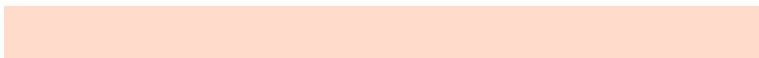
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



77.3378, 0.2957, 0.3480



77.3378, 0.2899, 0.2949



77.3378, 0.3530, 0.3445

Complementary

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



77.3378, 0.2957, 0.3480



61.8023, 0.3336, 0.3108

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.



77.3378, 0.3457, 0.3273



77.3378, 0.2957, 0.3480



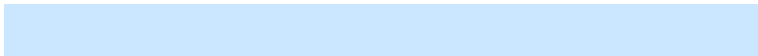
77.3378, 0.3088, 0.2993

Square

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



77.3378, 0.2957, 0.3480



77.3378, 0.2774, 0.2990



77.3378, 0.3293, 0.3110



77.3378, 0.3491, 0.3584

Rectangle

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



77.3378, 0.2957, 0.3480



77.3378, 0.2752, 0.3170



77.3378, 0.3293, 0.3110



77.3378, 0.3518, 0.3389

Sweetspot

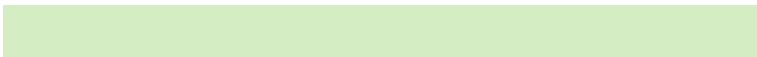
The Sweet Spot groups the original color and five complimentary colors.



77.3410, 0.2957, 0.3480



97.3336, 0.3078, 0.3340



78.5823, 0.3222, 0.3755



20.7561, 0.3071, 0.3348



0.0000, 0.0000, 0.0000



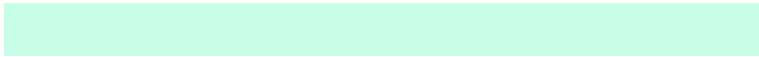
21.4041, 0.3127, 0.3290

Same Dimension

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



77.3410, 0.2957, 0.3480



89.9019, 0.2926, 0.3520



76.2819, 0.2858, 0.3251



17.0127, 0.3035, 0.3387



34.1461, 0.2631, 0.4673



2.7003, 0.2572, 0.4460

Inverse Universe

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



61.8023, 0.3336, 0.3108



68.5777, 0.3384, 0.3071



62.5756, 0.3463, 0.3329



15.1551, 0.3229, 0.3195



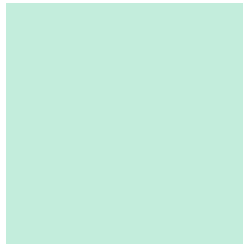
10.3144, 0.5355, 0.2724



0.8285, 0.4991, 0.2523

Previews

White Background



This preview shows how the Yxy color 77.3378, 0.2957, 0.3480 looks on a white background.

Color Contrast Check

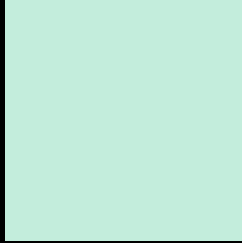
Large Text (above 18pt) WCAG AA × Fail

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 77.3378, 0.2957, 0.3480 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

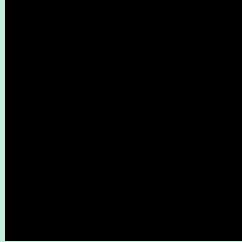
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

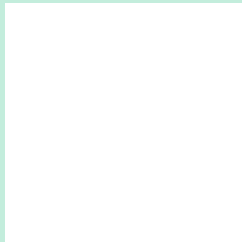
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 77.3378, 0.2957, 0.3480

Background



This preview shows how black text looks on a background with the Yxy color 77.3378, 0.2957, 0.3480.

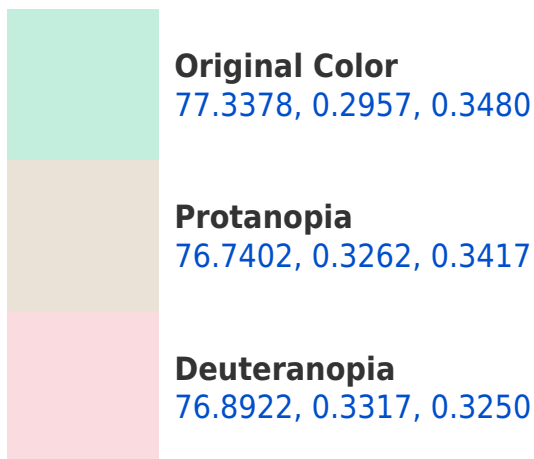


This preview shows how white text looks on a background with the Yxy color 77.3378, 0.2957, 0.3480.

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

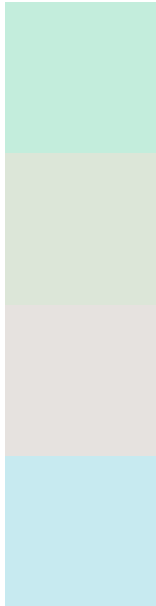




Tritanopia

77.0958, 0.2815, 0.3085

Trichromacy



Original Color

77.3378, 0.2957, 0.3480

Protanomaly

76.7671, 0.3147, 0.3442

Deuteranomaly

76.5434, 0.3175, 0.3322

Tritanomaly

77.2790, 0.2866, 0.3224

Monochromacy



Original Color

77.3378, 0.2957, 0.3480

Achromatopsia

73.7910, 0.3127, 0.3290

Achromatomaly

74.9069, 0.3063, 0.3355

CSS Examples

Text

The CSS property to change the color of the text to Yxy 77.3378, 0.2957, 0.3480 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(195, 237, 220)` looks like.

```
.text, #text, p{  
    color:rgb(195, 237, 220)  
}
```

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(195, 237, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(195, 237, 220) }
```

Border

The CSS property to change the border of an element to Yxy 77.3378, 0.2957, 0.3480 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(195, 237, 220) }
```

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

```
.border{ border-color:rgb(195, 237, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(195, 237, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(195, 237, 220); -webkit-box-shadow:4px 4px 4px 4px rgb(195, 237, 220); box-shadow:4px 4px 4px 4px rgb(195, 237, 220) }
```


Background

The CSS property to change the background color of an element to Yxy 77.3378, 0.2957, 0.3480 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(195, 237, 220) }
```

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

```
.background{ background-color: rgb(195,  
237, 220) }
```

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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