

Converting Colors

$Yxy(76.9673, 0.2976, 0.3482)$

Have a look what the booklet for
Yxy(76.9673, 0.2976, 0.3482)
contains.

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Color

Yxy(76.9757, 0.2975, 0.3480)

Conversions

Conversions Part 1

Format	Color
Hex	C5ECDB
RGB	197, 236, 219
RGB Percent	77%, 93%, 86%
CMY	0.2275, 0.0745, 0.1411
CMYK	0.17, 0.00, 0.07, 0.07
HSL	154°, 51%, 85%
HSV	154°, 17%, 93%
XYZ	65.8054, 76.9757, 78.4135
YIQ	222.4010, -17.7870, -13.5550

Conversions

Conversions Part 2

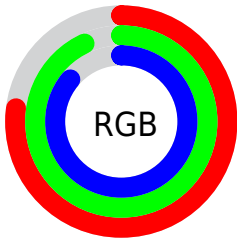
Format	Color
RYB	197, 222, 236
Decimal	12971227
CIELab	90.31, -15.91, 4.02
CIElCh	90, 16.408, 165.803
Yxy	76.9757, 0.2975, 0.3480
Android (android.graphics.Color)	4291161307 (0xFFC5ECDB)
YUV	222.4010, -1.6767, -22.2767
Hunter-Lab	87.7358, -19.6555, 8.4249

Details

The Yxy color **76.9757, 0.2975, 0.3480** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **62.6144, 0.3310, 0.3108**, and the grayscale version is **73.3670, 0.3127, 0.3290**.

A 20% lighter version of the original color is **99.8108, 0.3121, 0.3290**, and **41.1625, 0.2942, 0.3525** is the 20% darker color. If you saturate the color by 10%, you get **73.5138, 0.2888, 0.3612**, and if you desaturate by 10%, it is **80.9762, 0.3066, 0.3361**.

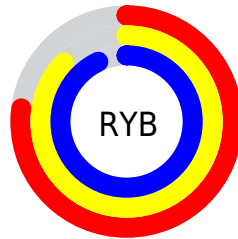
Distribution



Red (77%)

Green (93%)

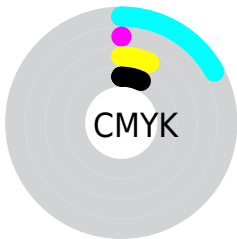
Blue (86%)



Red (77%)

Yellow (87%)

Blue (93%)

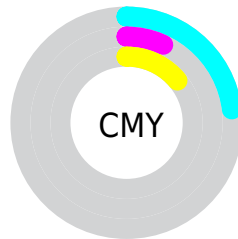


Cyan (17%)

Magenta (0%)

Yellow (7%)

Black (7%)



Cyan (23%)

Magenta (7%)

Yellow (14%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 76.9757, 0.2975, 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 76.9757, 0.2975, 0.3480 by changing the saturation by 10% instead.

76.9757, 0.2975,
0.3480

76.9757, 0.2975,
0.3480

484.6812, 0.3045,
0.3392

57.2329, 0.2959,
0.3500

129.1052, 0.2999,
0.3449

41.1923, 0.2939,
0.3525

162.2607, 0.3009,
0.3437

28.4694, 0.2914,
0.3557

200.6559, 0.3017,
0.3427

18.6798, 0.2881,
0.3599

244.6752, 0.3024,
0.3418

11.4391, 0.2836,
0.3657

294.7030, 0.3030,
0.3410

6.3630, 0.2771,
0.3741

351.1236, 0.3036,

3.0670, 0.2670,

0.3403

414.3216, 0.3041,
0.3397

0.3874

1.1668, 0.2466,
0.4131

0.0344, 0.0000,
1.0000

76.9757, 0.2975,
0.3480

76.9757, 0.2975,
0.3480

73.5138, 0.2888,
0.3612

80.9762, 0.3066,
0.3361

70.5571, 0.2809,
0.3756

85.5279, 0.3160,
0.3254

68.0833, 0.2741,
0.3910

88.1483, 0.3168,
0.3156

66.0644, 0.2687,
0.4074

88.4755, 0.3136,
0.3107

■ 64.4696, 0.2650,
0.4244

■ 63.2642, 0.2632,
0.4417

■ 62.4073, 0.2636,
0.4587

■ 61.8479, 0.2659,
0.4752

■ 61.6947, 0.2669,
0.4808

Harmonies

Analogous

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



76.9757, 0.3166, 0.3602



76.9757, 0.2975, 0.3480



76.9757, 0.2827, 0.3305

Triad

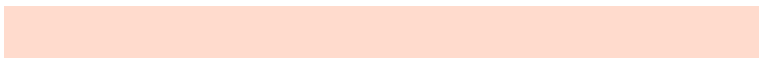
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



76.9757, 0.2975, 0.3480



76.9757, 0.2901, 0.2964



76.9757, 0.3510, 0.3430

Complementary

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



76.9757, 0.2975, 0.3480



62.6144, 0.3310, 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.



76.9757, 0.3435, 0.3264



76.9757, 0.2975, 0.3480



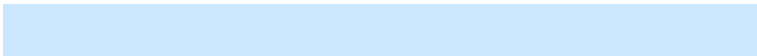
76.9757, 0.3079, 0.3002

Square

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



76.9757, 0.2975, 0.3480



76.9757, 0.2785, 0.3009



76.9757, 0.3275, 0.3110



76.9757, 0.3479, 0.3565

Rectangle

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



76.9757, 0.2975, 0.3480



76.9757, 0.2772, 0.3186



76.9757, 0.3275, 0.3110



76.9757, 0.3496, 0.3376

Sweetspot

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



76.9789, 0.2975, 0.3480



97.3090, 0.3080, 0.3344



78.4045, 0.3225, 0.3721



20.7501, 0.3074, 0.3352



0.0000, 0.0000, 0.0000



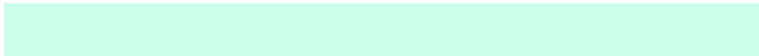
21.4041, 0.3127, 0.3290

Same Dimension

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



76.9789, 0.2975, 0.3480



90.2283, 0.2944, 0.3525



76.8030, 0.2876, 0.3268



17.0046, 0.3039, 0.3395



34.0311, 0.2662, 0.4782



2.6915, 0.2599, 0.4555

Inverse Universe

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



62.6144, 0.3310, 0.3108



69.9485, 0.3358, 0.3066



62.6825, 0.3439, 0.3312



15.1630, 0.3225, 0.3188



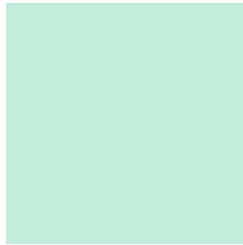
10.3923, 0.5228, 0.2654



0.8351, 0.4880, 0.2462

Previews

White Background



This preview shows how the Yxy color 76.9757, 0.2975, 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 76.9757, 0.2975, 0.3480 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

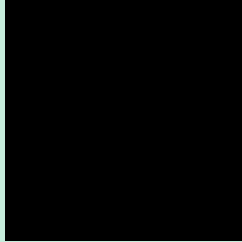
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

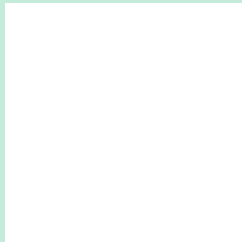
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 76.9757, 0.2975, 0.3480

Background



This preview shows how black text looks on a background with the Yxy color 76.9757, 0.2975, 0.3480.

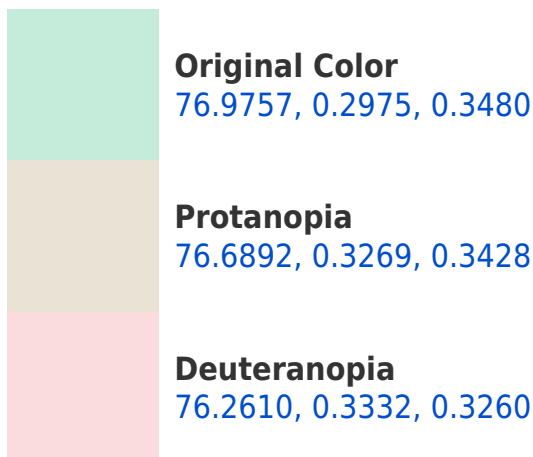


This preview shows how white text looks on a background with the Yxy color 76.9757, 0.2975, 0.3480.

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

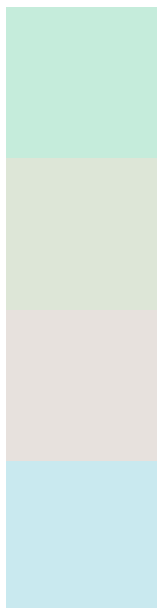




Tritanopia

76.7505, 0.2833, 0.3085

Trichromacy



Original Color

76.9757, 0.2975, 0.3480

Protanomaly

76.8721, 0.3161, 0.3452

Deuteranomaly

76.0598, 0.3195, 0.3333

Tritanomaly

76.9273, 0.2884, 0.3224

Monochromacy



Original Color

76.9757, 0.2975, 0.3480

Achromatopsia

73.0461, 0.3127, 0.3290

Achromatomaly

74.3048, 0.3069, 0.3356

CSS Examples

Text

The CSS property to change the color of the text to Yxy 76.9757, 0.2975, 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(197, 236, 219)` looks like.

```
.text, #text, p{  
    color:rgb(197, 236, 219)  
}
```

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(197, 236, 219) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(197, 236, 219) }
```

Border

The CSS property to change the border of an element to Yxy 76.9757, 0.2975, 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(197, 236, 219) }
```

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

```
.border{ border-color:rgb(197, 236, 219) }
```

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

Here you see how a box with a 4 pixel `rgb(197, 236, 219)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(197, 236, 219); -webkit-box-  
shadow:4px 4px 4px 4px rgb(197, 236, 219);  
box-shadow:4px 4px 4px 4px rgb(197, 236,  
219) }
```


Background

The CSS property to change the background color of an element to Yxy 76.9757, 0.2975, 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(197, 236, 219) }
```

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

```
.background{ background-color: rgb(197,  
236, 219) }
```

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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