

Converting Colors

$Yxy(78.0550, 0.2858, 0.3424)$

Have a look what the booklet for
Yxy(78.0550, 0.2858, 0.3424)
contains.

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Color

Yxy(78.3607, 0.2858, 0.3424)

Conversions

Conversions Part 1

Format	Color
Hex	BAF0E4
RGB	186, 240, 228
RGB Percent	73%, 94%, 89%
CMY	0.2708, 0.0588, 0.1058
CMYK	0.23, 0.00, 0.05, 0.06
HSL	167°, 64%, 84%
HSV	167°, 23%, 94%
XYZ	65.4074, 78.3607, 85.0891
YIQ	222.4860, -28.3320, -15.1800

Conversions

Conversions Part 2

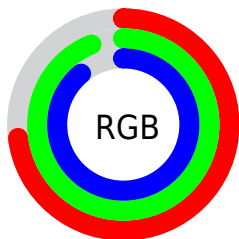
Format	Color
R _Y B	186, 216, 240
Decimal	12251364
CIE Lab	90.94, -19.53, 0.17
CIE LCh	91, 19.533, 179.509
Yxy	78.3607, 0.2858, 0.3424
Android (android.graphics.Color)	4290441444 (0xFFBAF0E4)
YUV	222.4860, 2.7184, -31.9982
Hunter-Lab	88.5216, -23.0216, 4.9741

Details

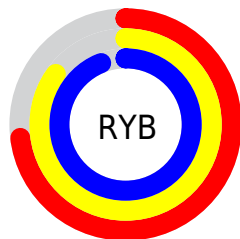
The Yxy color **78.3607, 0.2858, 0.3424** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **57.7028, 0.3488, 0.3161**, and the grayscale version is **73.4009, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.7947, 0.3054, 0.3290**, and **42.2036, 0.2797, 0.3451** is the 20% darker color. If you saturate the color by 10%, you get **75.3156, 0.2751, 0.3492**, and if you desaturate by 10%, it is **81.9262, 0.2974, 0.3361**.

Distribution



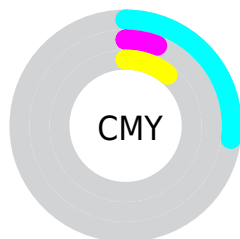
- Red (73%)
- Green (94%)
- Blue (89%)



- Red (73%)
- Yellow (85%)
- Blue (94%)



- Cyan (23%)
- Magenta (0%)
- Yellow (5%)
- Black (6%)





- Cyan (27%)
- Magenta (6%)
- Yellow (11%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 78.3607, 0.2858, 0.3424 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 78.3607, 0.2858, 0.3424 by changing the saturation by 10% instead.


 78.3607, 0.2858,
0.3424

 78.3607, 0.2858,
0.3424


489.3909, 0.2981,
0.3363

 58.3703, 0.2830,
0.3438


 131.0585, 0.2900,
0.3403

 42.1064, 0.2796,
0.3455


164.5347, 0.2917,
0.3395

 29.1846, 0.2754,
0.3476

203.2749, 0.2931,
0.3388

 19.2205, 0.2698,
0.3503

247.6636, 0.2944,
0.3381

 11.8298, 0.2624,
0.3541

298.0852, 0.2955,
0.3376

 6.6279, 0.2519,
0.3593

354.9240, 0.2964,

 3.2305, 0.2358,

0.3371

418.5645, 0.2973,
0.3367

0.3674

1.2532, 0.2059,
0.3823

0.1045, 0.0000,
0.5059

78.3607, 0.2858,
0.3424

78.3607, 0.2858,
0.3424

75.3156, 0.2751,
0.3492

81.9262, 0.2974,
0.3361

72.7560, 0.2657,
0.3566


86.0259, 0.3096,
0.3304

70.6575, 0.2577,
0.3643

90.1189, 0.3202,
0.3252

68.9900, 0.2515,
0.3723


90.4471, 0.3169,
0.3200


 67.7196, 0.2472,
0.3805

 90.7847, 0.3136,
0.3150

 66.8073, 0.2449,
0.3888

 90.8075, 0.3134,
0.3146

 66.2058, 0.2446,
0.3970

 65.9050, 0.2453,
0.4031

Harmonies

Analogous

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



78.3607, 0.3066, 0.3607



78.3607, 0.2858, 0.3424



78.3607, 0.2724, 0.3208

Triad

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



78.3607, 0.2858, 0.3424



78.3607, 0.2948, 0.2916



78.3607, 0.3580, 0.3533

Complementary

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



78.3607, 0.2858, 0.3424



57.7028, 0.3488, 0.3161

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.



78.3607, 0.3548, 0.3348



78.3607, 0.2858, 0.3424



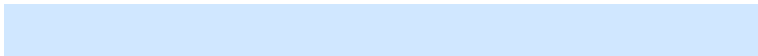
78.3607, 0.3176, 0.3001

Square

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



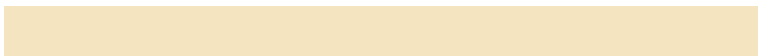
78.3607, 0.2858, 0.3424



78.3607, 0.2774, 0.2922



78.3607, 0.3398, 0.3156



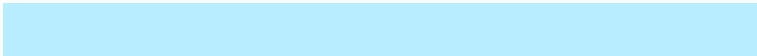
78.3607, 0.3486, 0.3663

Rectangle

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



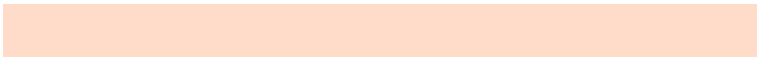
78.3607, 0.2858, 0.3424



78.3607, 0.2691, 0.3079



78.3607, 0.3398, 0.3156



78.3607, 0.3583, 0.3475

Sweetspot

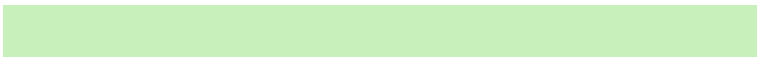
The Sweet Spot groups the original color and five complimentary colors.



78.3639, 0.2858, 0.3424



96.5179, 0.3040, 0.3329



77.9545, 0.3180, 0.3907



20.5977, 0.3033, 0.3332



0.0000, 0.0000, 0.0000



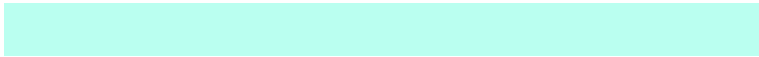
21.4041, 0.3127, 0.3290

Same Dimension

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



78.3639, 0.2858, 0.3424



88.2527, 0.2808, 0.3455



70.9003, 0.2781, 0.3127



17.8654, 0.3010, 0.3343



36.0940, 0.2449, 0.4018



3.0173, 0.2419, 0.3910

Inverse Universe

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



57.7028, 0.3488, 0.3161



60.6782, 0.3585, 0.3133



63.5524, 0.3555, 0.3448



15.8163, 0.3258, 0.3238



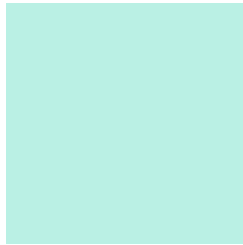
10.2993, 0.6013, 0.3086



0.8713, 0.5652, 0.2887

Previews

White Background



This preview shows how the Yxy color 78.3607, 0.2858, 0.3424 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 78.3607, 0.2858, 0.3424 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

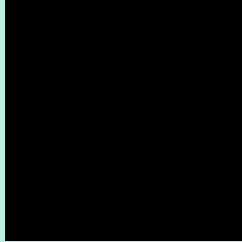
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

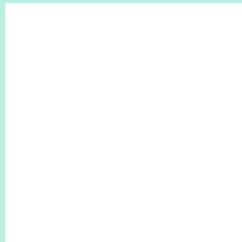
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 78.3607, 0.2858, 0.3424

Background



This preview shows how black text looks on a background with the Yxy color 78.3607, 0.2858, 0.3424.

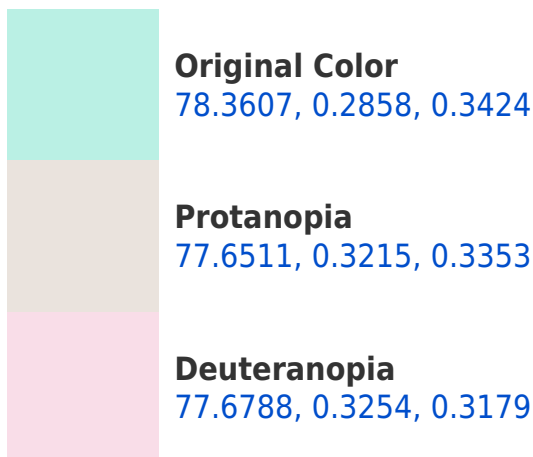


This preview shows how white text looks on a background with the Yxy color 78.3607, 0.2858, 0.3424.

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

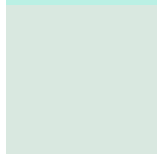
78.2873, 0.2739, 0.3084

Trichromacy



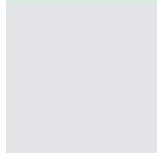
Original Color

78.3607, 0.2858, 0.3424



Protanomaly

77.8468, 0.3076, 0.3376



Deuteranomaly

77.4251, 0.3094, 0.3258



Tritanomaly

77.9798, 0.2781, 0.3201

Monochromacy



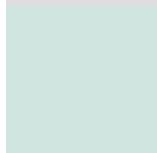
Original Color

78.3607, 0.2858, 0.3424



Achromatopsia

73.0461, 0.3127, 0.3290



Achromatomaly

74.9758, 0.3023, 0.3345

CSS Examples

Text

The CSS property to change the color of the text to Yxy 78.3607, 0.2858, 0.3424 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(186, 240, 228)` looks like.

```
.text, #text, p{  
    color:rgb(186, 240, 228)  
}
```

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(186, 240, 228) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(186, 240, 228) }
```

Border

The CSS property to change the border of an element to Yxy 78.3607, 0.2858, 0.3424 is called "border". The border property can be set on classes, ids or directly on the HTML element.

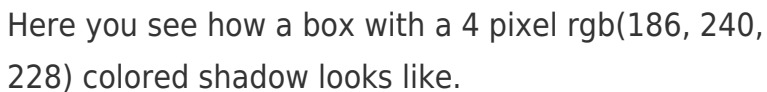
This example shows the color as border, it can be applied via the CSS property "border" or "border-color".

```
.border, #border, table{ border:4px solid rgb(186, 240, 228) }
```

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

```
.border{ border-color:rgb(186, 240, 228) }
```

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



Here you see how a box with a 4 pixel `rgb(186, 240, 228)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px 4px rgb(186, 240, 228); -webkit-box-shadow:4px 4px 4px 4px rgb(186, 240, 228); box-shadow:4px 4px 4px 4px rgb(186, 240, 228) }
```


Background

The CSS property to change the background color of an element to Yxy 78.3607, 0.2858, 0.3424 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(186, 240, 228) }
```

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

```
.background{ background-color: rgb(186,  
240, 228) }
```

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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