

Converting Colors

$Yxy(77.9172, 0.2764, 0.3403)$

Have a look what the booklet for
Yxy(77.9172, 0.2764, 0.3403)
contains.

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Color

Yxy(78.2147, 0.2765, 0.3403)

Conversions

Conversions Part 1

Format	Color
Hex	ADF2E8
RGB	173, 242, 232
RGB Percent	68%, 95%, 91%
CMY	0.3215, 0.0510, 0.0903
CMYK	0.29, 0.00, 0.04, 0.05
HSL	171°, 73%, 81%
HSV	171°, 29%, 95%
XYZ	63.5509, 78.2147, 88.0749
YIQ	220.2290, -37.9140, -17.7380

Conversions

Conversions Part 2

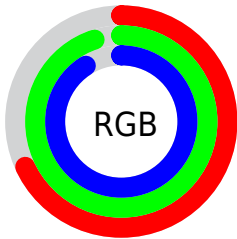
Format	Color
R _Y B	173, 210, 242
Decimal	11399912
CIE Lab	90.88, -23.46, -2.08
CIE LCh	91, 23.554, 185.059
Yxy	78.2147, 0.2765, 0.3403
Android (android.graphics.Color)	4289589992 (0xFFADF2E8)
YUV	220.2290, 5.8031, -41.4198
Hunter-Lab	88.4391, -26.5012, 2.8615

Details

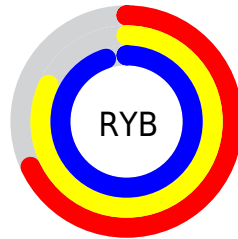
The Yxy color **78.2147, 0.2765, 0.3403** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **52.1920, 0.3665, 0.3182**, and the grayscale version is **71.7200, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.5630, 0.2976, 0.3290**, and **42.1040, 0.2684, 0.3439** is the 20% darker color. If you saturate the color by 10%, you get **75.5062, 0.2658, 0.3449**, and if you desaturate by 10%, it is **81.4332, 0.2884, 0.3360**.

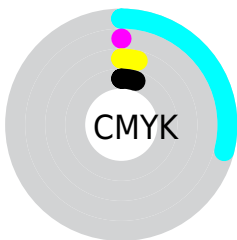
Distribution



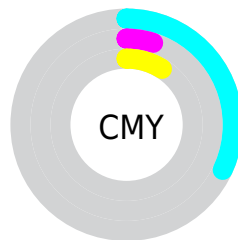
- Red (68%)
- Green (95%)
- Blue (91%)



- Red (68%)
- Yellow (82%)
- Blue (95%)



- Cyan (29%)
- Magenta (0%)
- Yellow (4%)
- Black (5%)





- Cyan (32%)
- Magenta (5%)
- Yellow (9%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 78.2147, 0.2765, 0.3403 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 78.2147, 0.2765, 0.3403 by changing the saturation by 10% instead.


 78.2147, 0.2765,
0.3403

 78.2147, 0.2765,
0.3403


488.8957, 0.2930,
0.3353

 58.2504, 0.2728,
0.3414


 130.8527, 0.2821,
0.3386

 42.0100, 0.2683,
0.3428

164.2952, 0.2844,
0.3379

 29.1091, 0.2626,
0.3444


202.9992, 0.2863,
0.3373

 19.1634, 0.2553,
0.3466

247.3491, 0.2879,
0.3368

 11.7884, 0.2456,
0.3494

297.7293, 0.2894,
0.3364

 6.5997, 0.2318,
0.3532

354.5242, 0.2907,

 3.2131, 0.2112,

0.3360

0.3587

418.1182, 0.2919,
0.3356

■ 1.2440, 0.1702,
0.3702

■ 0.0972, 0.0000,
0.2791

■ 78.2147, 0.2765,
0.3403

■ 78.2147, 0.2765,
0.3403

■ 75.5062, 0.2658,
0.3449

■ 81.4332, 0.2884,
0.3360

■ 73.2712, 0.2565,
0.3497


■ 85.1772, 0.3013,
0.3321


■ 71.4832, 0.2489,
0.3547


■ 89.4731, 0.3148,
0.3285


■ 70.1095, 0.2433,
0.3599


■ 91.4234, 0.3188,
0.3251

 69.1125, 0.2396,
0.3651


 91.6415, 0.3166,
0.3217

 68.4481, 0.2379,
0.3703

 91.8636, 0.3145,
0.3184

 68.0529, 0.2378,
0.3754

 91.9868, 0.3133,
0.3165

 68.0038, 0.2378,
0.3762

Harmonies

Analogous

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



78.2147, 0.3001, 0.3641



78.2147, 0.2765, 0.3403



78.2147, 0.2627, 0.3142

Triad

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



78.2147, 0.2765, 0.3403



78.2147, 0.2958, 0.2854



78.2147, 0.3664, 0.3616

Complementary

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



78.2147, 0.2765, 0.3403



52.1920, 0.3665, 0.3182

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.



78.2147, 0.3655, 0.3400



78.2147, 0.2765, 0.3403



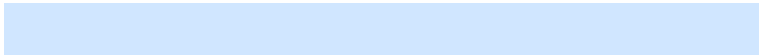
78.2147, 0.3237, 0.2973

Square

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



78.2147, 0.2765, 0.3403



78.2147, 0.2734, 0.2838



78.2147, 0.3496, 0.3169



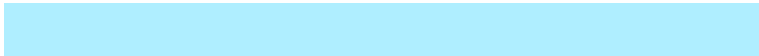
78.2147, 0.3523, 0.3758

Rectangle

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



78.2147, 0.2765, 0.3403



78.2147, 0.2605, 0.2996



78.2147, 0.3496, 0.3169



78.2147, 0.3678, 0.3549

Sweetspot

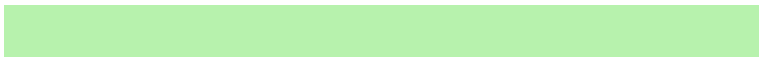
The Sweet Spot groups the original color and five complimentary colors.



78.2179, 0.2765, 0.3403



95.6912, 0.3006, 0.3323



76.6365, 0.3154, 0.4103



20.3430, 0.2987, 0.3328



0.0000, 0.0000, 0.0000



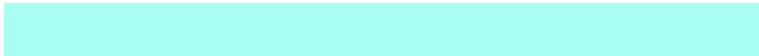
21.4041, 0.3127, 0.3290

Same Dimension

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



78.2179, 0.2765, 0.3403



86.3128, 0.2703, 0.3428



65.3665, 0.2684, 0.3009



17.8872, 0.3000, 0.3324



36.5466, 0.2376, 0.3753



3.0510, 0.2357, 0.3685

Inverse Universe

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



52.1920, 0.3665, 0.3182



52.7082, 0.3814, 0.3160



61.9019, 0.3684, 0.3554



15.7963, 0.3270, 0.3256



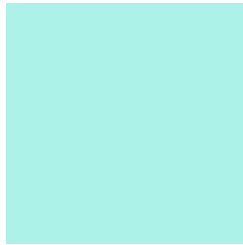
10.2187, 0.6203, 0.3191



0.8615, 0.5890, 0.3018

Previews

White Background



This preview shows how the Yxy color 78.2147, 0.2765, 0.3403 looks on a white background.

Color Contrast Check

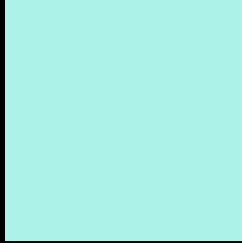
Large Text (above 18pt) WCAG AA × Fail

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 78.2147, 0.2765, 0.3403 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

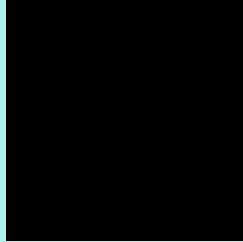
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 78.2147, 0.2765, 0.3403

Background



This preview shows how black text looks on a background with the Yxy color 78.2147, 0.2765, 0.3403.

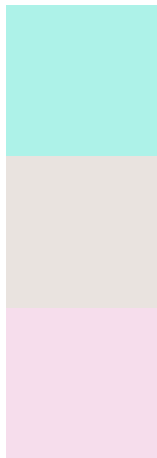


This preview shows how white text looks on a background with the Yxy color 78.2147, 0.2765, 0.3403.

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

78.2147, 0.2765, 0.3403

Protanopia

77.5895, 0.3195, 0.3332

Deuteranopia

77.3619, 0.3205, 0.3139



Tritanopia

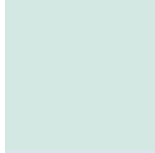
77.8557, 0.2695, 0.3092

Trichromacy



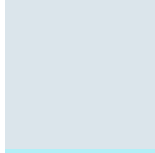
Original Color

78.2147, 0.2765, 0.3403



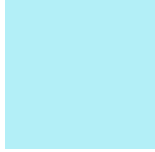
Protanomaly

77.0531, 0.3024, 0.3355



Deuteranomaly

77.0969, 0.3022, 0.3226



Tritanomaly

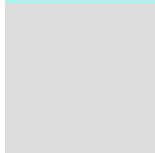
78.0321, 0.2717, 0.3200

Monochromacy



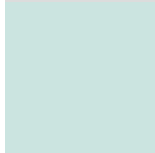
Original Color

78.2147, 0.2765, 0.3403



Achromatopsia

71.5694, 0.3127, 0.3290



Achromatomaly

73.5651, 0.2983, 0.3334

CSS Examples

Text

The CSS property to change the color of the text to Yxy 78.2147, 0.2765, 0.3403 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(173, 242, 232)` looks like.

```
.text, #text, p{  
    color:rgb(173, 242, 232)  
}
```

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(173, 242, 232) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(173, 242, 232) }
```

Border

The CSS property to change the border of an element to Yxy 78.2147, 0.2765, 0.3403 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(173, 242, 232) }
```

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

```
.border{ border-color:rgb(173, 242, 232) }
```

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

Here you see how a box with a 4 pixel `rgb(173, 242, 232)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(173, 242, 232); -webkit-box-  
shadow:4px 4px 4px 4px rgb(173, 242, 232);  
box-shadow:4px 4px 4px 4px rgb(173, 242,  
232) }
```


Background

The CSS property to change the background color of an element to Yxy 78.2147, 0.2765, 0.3403 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(173, 242, 232) }
```

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

```
.background{ background-color: rgb(173,  
242, 232) }
```

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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