

Converting Colors

$Yxy(78.9851, 0.2754, 0.3373)$

Have a look what the booklet for
Yxy(78.9851, 0.2754, 0.3373)
contains.

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Color

Yxy(79.0980, 0.2756, 0.3379)

Conversions

Conversions Part 1

Format	Color
Hex	AEF3EB
RGB	174, 243, 235
RGB Percent	68%, 95%, 92%
CMY	0.3174, 0.0471, 0.0784
CMYK	0.28, 0.00, 0.03, 0.05
HSL	173°, 74%, 82%
HSV	173°, 28%, 95%
XYZ	64.5144, 79.0980, 90.4746
YIQ	221.4570, -38.5560, -17.1160

Conversions

Conversions Part 2

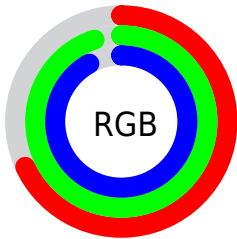
Format	Color
RYB	174, 211, 243
Decimal	11465707
CIELab	91.28, -22.99, -3.06
CIELCh	91, 23.195, 187.589
Yxy	79.0980, 0.2756, 0.3379
Android (android.graphics.Color)	4289655787 (0xFFAEF3EB)
YUV	221.4570, 6.6767, -41.6198
Hunter-Lab	88.9371, -26.1571, 1.9409

Details

The Yxy color **79.0980, 0.2756, 0.3379** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **52.7318, 0.3680, 0.3204**, and the grayscale version is **72.6288, 0.3127, 0.3290**.

A 20% lighter version of the original color is **95.7289, 0.2982, 0.3290**, and **42.7173, 0.2674, 0.3408** is the 20% darker color. If you saturate the color by 10%, you get **76.3955, 0.2645, 0.3415**, and if you desaturate by 10%, it is **82.3143, 0.2879, 0.3345**.

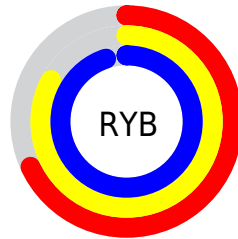
Distribution



Red (68%)

Green (95%)

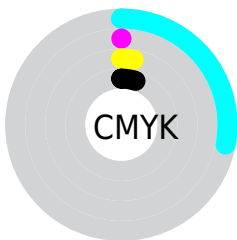
Blue (92%)



Red (68%)

Yellow (83%)

Blue (95%)

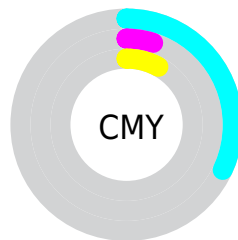


Cyan (28%)

Magenta (0%)

Yellow (3%)

Black (5%)



Cyan (32%)


Magenta (5%)

Yellow (8%)

Brightness & Saturation Gradients

These gradients show how the Yxy color 79.0980, 0.2756, 0.3379 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 79.0980, 0.2756, 0.3379 by changing the saturation by 10% instead.

 79.0980, 0.2756,
0.3379

 79.0980, 0.2756,
0.3379

491.8878, 0.2924,
0.3340

 58.9764, 0.2719,
0.3387


 132.0968, 0.2814,
0.3366

 42.5941, 0.2673,
0.3398


165.7428, 0.2836,
0.3361

 29.5668, 0.2615,
0.3410


204.6657, 0.2856,
0.3356

 19.5100, 0.2541,
0.3426

249.2499, 0.2873,
0.3352

 12.0394, 0.2443,
0.3446

299.8799, 0.2888,
0.3349

 6.7705, 0.2305,
0.3472

356.9399, 0.2901,

 3.3190, 0.2098,

0.3345

420.8144, 0.2913,
0.3343

0.3509

1.3004, 0.1720,
0.3576

0.1416, 0.0000,
0.2776

79.0980, 0.2756,
0.3379

79.0980, 0.2756,
0.3379

76.3955, 0.2645,
0.3415

82.3143, 0.2879,
0.3345

74.1700, 0.2550,
0.3453


86.0601, 0.3011,
0.3314


72.3950, 0.2472,
0.3493


90.3620, 0.3150,
0.3286

71.0372, 0.2413,
0.3533


92.0253, 0.3186,
0.3259


 70.0589, 0.2374,
0.3574


 92.1995, 0.3168,
0.3232


 69.4156, 0.2354,
0.3614

 92.3764, 0.3151,
0.3205

 69.0444, 0.2350,
0.3654

 92.5559, 0.3134,
0.3178

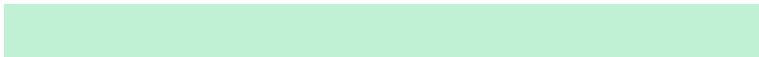
 68.9951, 0.2350,
0.3661

 92.5753, 0.3133,
0.3175

Harmonies

Analogous

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



79.0980, 0.2982, 0.3618



79.0980, 0.2756, 0.3379



79.0980, 0.2630, 0.3125

Triad

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



79.0980, 0.2756, 0.3379



79.0980, 0.2984, 0.2868



79.0980, 0.3647, 0.3625

Complementary

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



79.0980, 0.2756, 0.3379



52.7318, 0.3680, 0.3204

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.



79.0980, 0.3651, 0.3418



79.0980, 0.2756, 0.3379



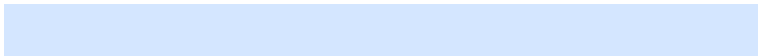
79.0980, 0.3259, 0.2993

Square

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



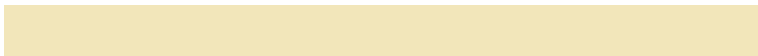
79.0980, 0.2756, 0.3379



79.0980, 0.2757, 0.2843



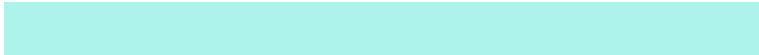
79.0980, 0.3507, 0.3190



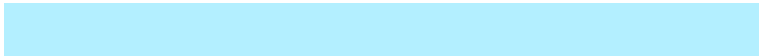
79.0980, 0.3499, 0.3755

Rectangle

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



79.0980, 0.2756, 0.3379



79.0980, 0.2616, 0.2987



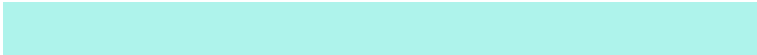
79.0980, 0.3507, 0.3190



79.0980, 0.3666, 0.3562

Sweetspot

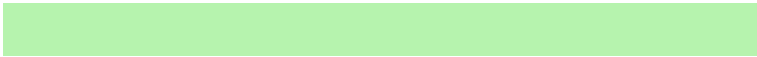
The Sweet Spot groups the original color and five complimentary colors.



79.1012, 0.2756, 0.3379



95.7343, 0.3002, 0.3316



77.1128, 0.3139, 0.4102



20.3537, 0.2983, 0.3320



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.



79.1012, 0.2756, 0.3379



86.4684, 0.2691, 0.3399



64.8823, 0.2683, 0.2984



18.7228, 0.2996, 0.3317



37.8835, 0.2348, 0.3654



3.3388, 0.2334, 0.3604

Inverse Universe

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



52.7318, 0.3680, 0.3204



52.6039, 0.3839, 0.3187



63.6477, 0.3674, 0.3577



16.5137, 0.3275, 0.3263



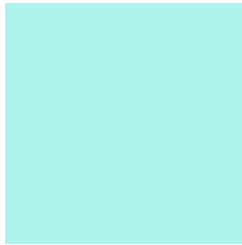
10.5141, 0.6260, 0.3222



0.9340, 0.6000, 0.3079

Previews

White Background



This preview shows how the Yxy color 79.0980, 0.2756, 0.3379 looks on a white background.

Color Contrast Check

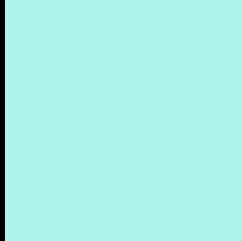
Large Text (above 18pt) WCAG AA × Fail

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 79.0980, 0.2756, 0.3379 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

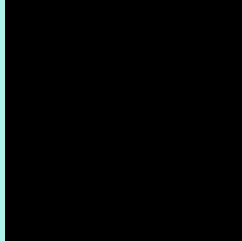
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 79.0980, 0.2756, 0.3379

Background



This preview shows how black text looks on a background with the Yxy color 79.0980, 0.2756, 0.3379.

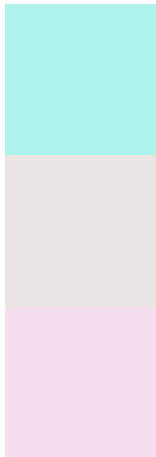


This preview shows how white text looks on a background with the Yxy color 79.0980, 0.2756, 0.3379.

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

79.0980, 0.2756, 0.3379

Protanopia

78.4702, 0.3182, 0.3311

Deuteranopia

78.2487, 0.3191, 0.3119



Tritanopia

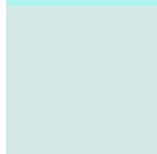
78.9339, 0.2718, 0.3105

Trichromacy



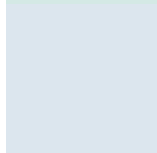
Original Color

79.0980, 0.2756, 0.3379



Protanomaly

77.9320, 0.3012, 0.3333



Deuteranomaly

77.9823, 0.3010, 0.3205



Tritanomaly

79.0426, 0.2729, 0.3201

Monochromacy



Original Color

79.0980, 0.2756, 0.3379



Achromatopsia

72.3055, 0.3127, 0.3290



Achromatomaly

74.3670, 0.2978, 0.3323

CSS Examples

Text

The CSS property to change the color of the text to Yxy 79.0980, 0.2756, 0.3379 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(174, 243, 235)` looks like.

```
.text, #text, p{  
    color:rgb(174, 243, 235)  
}
```

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(174, 243, 235) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(174, 243, 235) }
```

Border

The CSS property to change the border of an element to Yxy 79.0980, 0.2756, 0.3379 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(174, 243, 235) }
```

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

```
.border{ border-color:rgb(174, 243, 235) }
```

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

Here you see how a box with a 4 pixel `rgb(174, 243, 235)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(174, 243, 235); -webkit-box-  
shadow:4px 4px 4px 4px rgb(174, 243, 235);  
box-shadow:4px 4px 4px 4px rgb(174, 243,  
235) }
```


Background

The CSS property to change the background color of an element to Yxy 79.0980, 0.2756, 0.3379 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(174, 243, 235) }
```

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

```
.background{ background-color: rgb(174,  
243, 235) }
```

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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