

Converting Colors

$Y_{xy}(79.4521, 0.2686, 0.3380)$

Have a look what the booklet for
Yxy(79.4521, 0.2686, 0.3380)
contains.

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Color

Yxy(79.1006, 0.2685, 0.3380)

Conversions

Conversions Part 1

Format	Color
Hex	A2F5ED
RGB	162, 245, 237
RGB Percent	64%, 96%, 93%
CMY	0.3648, 0.0392, 0.0705
CMYK	0.34, 0.00, 0.03, 0.04
HSL	174°, 81%, 80%
HSV	174°, 34%, 96%
XYZ	62.8358, 79.1006, 92.0890
YIQ	219.2710, -46.9000, -20.0840

Conversions

Conversions Part 2

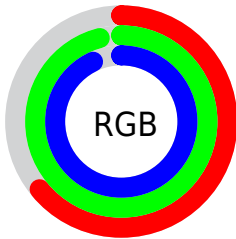
Format	Color
R _Y B	162, 206, 245
Decimal	10679789
CIE Lab	91.28, -26.84, -4.17
CIE LCh	91, 27.164, 188.837
Yxy	79.1006, 0.2685, 0.3380
Android (android.graphics.Color)	4288869869 (0xFFA2F5ED)
YUV	219.2710, 8.7404, -50.2267
Hunter-Lab	88.9385, -29.5306, 0.8667

Details

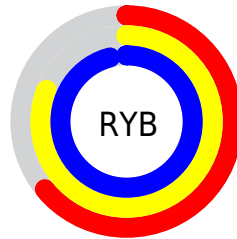
The Yxy color **79.1006, 0.2685, 0.3380** is a light color, and the websafe version is hex **99FFFF**. A complement of this color would be **48.1456, 0.3849, 0.3205**, and the grayscale version is **70.9970, 0.3127, 0.3290**.

A 20% lighter version of the original color is **93.8001, 0.2911, 0.3289**, and **42.3668, 0.2585, 0.3394** is the 20% darker color. If you saturate the color by 10%, you get **76.6467, 0.2581, 0.3411**, and if you desaturate by 10%, it is **82.0625, 0.2803, 0.3351**.

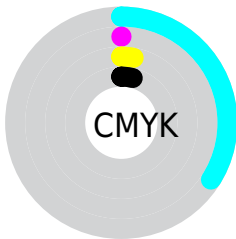
Distribution



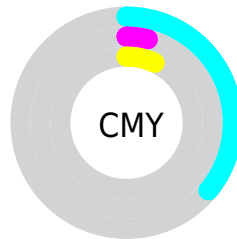
- Red (64%)
- Green (96%)
- Blue (93%)



- Red (64%)
- Yellow (81%)
- Blue (96%)



- Cyan (34%)
- Magenta (0%)
- Yellow (3%)
- Black (4%)




- Cyan (36%)
- Magenta (4%)
- Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 79.1006, 0.2685, 0.3380 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 79.1006, 0.2685, 0.3380 by changing the saturation by 10% instead.


 79.1006, 0.2685,
0.3380

 79.1006, 0.2685,
0.3380


491.8966, 0.2885,
0.3341

 58.9785, 0.2641,
0.3388


 132.1005, 0.2753,
0.3367

 42.5958, 0.2586,
0.3398


 165.7471, 0.2780,
0.3362

 29.5681, 0.2519,
0.3409


204.6706, 0.2803,
0.3358

 19.5110, 0.2432,
0.3424

249.2555, 0.2824,
0.3354

 12.0401, 0.2316,
0.3441

299.8862, 0.2842,
0.3350

 6.7710, 0.2155,
0.3464


356.9470, 0.2858,


 3.3193, 0.1918,


0.3347


0.3491

420.8223, 0.2872,
0.3344


 1.3006, 0.1453,
0.3554


 0.1417, 0.0000,
0.2411


 79.1006, 0.2685,
0.3380


 79.1006, 0.2685,
0.3380


 76.6467, 0.2581,
0.3411


 82.0625, 0.2803,
0.3351


 74.6620, 0.2493,
0.3443

 85.5496, 0.2933,
0.3324

 73.1176, 0.2424,
0.3476

 89.5901, 0.3072,
0.3299

 71.9773, 0.2375,
0.3509

 93.2513, 0.3183,
0.3276

■ 71.1991, 0.2345,
0.3542

■ 93.3974, 0.3169,
0.3254

■ 70.7319, 0.2333,
0.3575

■ 93.5453, 0.3155,
0.3231

■ 70.5533, 0.2332,
0.3595

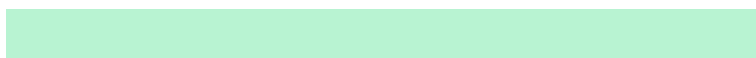
■ 93.6951, 0.3140,
0.3209

■ 93.7899, 0.3132,
0.3194

Harmonies

Analogous

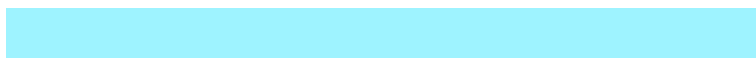
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



79.1006, 0.2943, 0.3667



79.1006, 0.2685, 0.3380



79.1006, 0.2546, 0.3083

Triad

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



79.1006, 0.2685, 0.3380



79.1006, 0.2971, 0.2804



79.1006, 0.3732, 0.3687

Complementary

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



79.1006, 0.2685, 0.3380



48.1456, 0.3849, 0.3205

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.



79.1006, 0.3746, 0.3446



79.1006, 0.2685, 0.3380



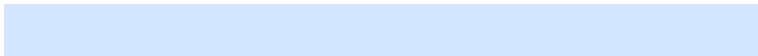
79.1006, 0.3293, 0.2953

Square

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



79.1006, 0.2685, 0.3380



79.1006, 0.2704, 0.2769



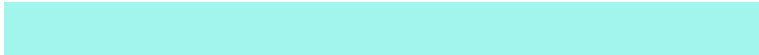
79.1006, 0.3582, 0.3182



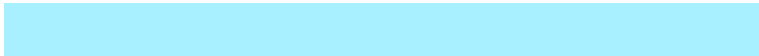
79.1006, 0.3550, 0.3838

Rectangle

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



79.1006, 0.2685, 0.3380



79.1006, 0.2534, 0.2924



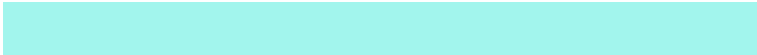
79.1006, 0.3582, 0.3182



79.1006, 0.3757, 0.3613

Sweetspot

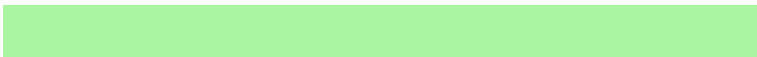
The Sweet Spot groups the original color and five complimentary colors.



79.1038, 0.2685, 0.3380



95.3233, 0.2986, 0.3314



76.4943, 0.3130, 0.4290



20.2732, 0.2967, 0.3318



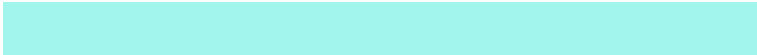
0.0000, 0.0000, 0.0000



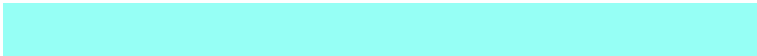
21.4041, 0.3127, 0.3290

Same Dimension

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



79.1038, 0.2685, 0.3380



84.6356, 0.2608, 0.3402



61.2554, 0.2595, 0.2897



18.7287, 0.2993, 0.3313



38.0170, 0.2331, 0.3590



3.3492, 0.2319, 0.3549

Inverse Universe

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



48.1456, 0.3849, 0.3205



45.7726, 0.4081, 0.3187



61.1354, 0.3806, 0.3650



16.5084, 0.3279, 0.3268



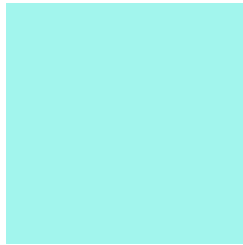
10.5013, 0.6291, 0.3239



0.9315, 0.6063, 0.3114

Previews

White Background



This preview shows how the Yxy color 79.1006, 0.2685, 0.3380 looks on a white background.

Color Contrast Check

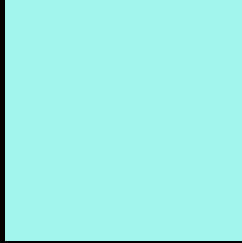
Large Text (above 18pt) WCAG AA × Fail

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 79.1006, 0.2685, 0.3380 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

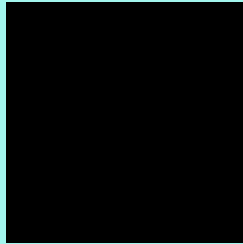
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

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

Yxy 79.1006, 0.2685, 0.3380

Background



This preview shows how black text looks on a background with the Yxy color 79.1006, 0.2685, 0.3380.

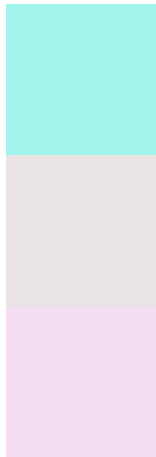


This preview shows how white text looks on a background with the Yxy color 79.1006, 0.2685, 0.3380.

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

79.1006, 0.2685, 0.3380

Protanopia

78.3565, 0.3168, 0.3301

Deuteranopia

78.0658, 0.3158, 0.3089



Tritanopia

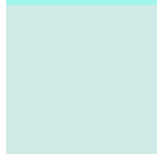
78.8981, 0.2692, 0.3114

Trichromacy



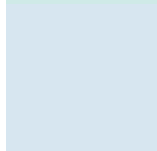
Original Color

79.1006, 0.2685, 0.3380



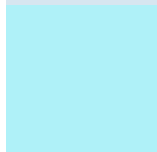
Protanomaly

77.8806, 0.2968, 0.3322



Deuteranomaly

77.3320, 0.2966, 0.3183



Tritanomaly

78.8019, 0.2693, 0.3211

Monochromacy



Original Color

79.1006, 0.2685, 0.3380



Achromatopsia

70.8376, 0.3127, 0.3290



Achromatomaly

72.9836, 0.2939, 0.3312

CSS Examples

Text

The CSS property to change the color of the text to Yxy 79.1006, 0.2685, 0.3380 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(162, 245, 237)` looks like.

```
.text, #text, p{  
    color:rgb(162, 245, 237)  
}
```

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(162, 245, 237) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(162, 245, 237) }
```

Border

The CSS property to change the border of an element to Yxy 79.1006, 0.2685, 0.3380 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(162, 245, 237) }
```

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

```
.border{ border-color:rgb(162, 245, 237) }
```

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

Here you see how a box with a 4 pixel `rgb(162, 245, 237)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(162, 245, 237); -webkit-box-  
shadow:4px 4px 4px 4px rgb(162, 245, 237);  
box-shadow:4px 4px 4px 4px rgb(162, 245,  
237) }
```


Background

The CSS property to change the background color of an element to Yxy 79.1006, 0.2685, 0.3380 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(162, 245, 237) }
```

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

```
.background{ background-color: rgb(162,  
245, 237) }
```

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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