

Converting Colors

$Yxy(79.1239, 0.2780, 0.3348)$

Have a look what the booklet for
Yxy(79.1239, 0.2780, 0.3348)
contains.

Yxy(79.2637, 0.2783, 0.3356)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(79.2637, 0.2783, 0.3356)

Conversions

Conversions Part 1

Format	Color
Hex	B4F2EC
RGB	180, 242, 236
RGB Percent	71%, 95%, 93%
CMY	0.2938, 0.0510, 0.0745
CMYK	0.26, 0.00, 0.02, 0.05
HSL	174°, 70%, 83%
HSV	174°, 26%, 95%
XYZ	65.7303, 79.2637, 91.1910
YIQ	222.7780, -35.0260, -15.0100

Conversions

Conversions Part 2

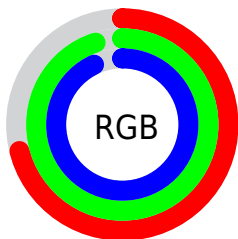
Format	Color
RYB	180, 213, 242
Decimal	11858668
CIELab	91.35, -20.57, -3.43
CIELCh	91, 20.855, 189.464
Yxy	79.2637, 0.2783, 0.3356
Android (android.graphics.Color)	4290048748 (0xFFB4F2EC)
YUV	222.7780, 6.5184, -37.5163
Hunter-Lab	89.0302, -24.0176, 1.5921

Details

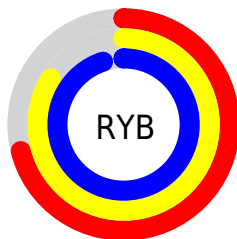
The Yxy color **79.2637, 0.2783, 0.3356** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **55.1035, 0.3620, 0.3226**, and the grayscale version is **73.6119, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.7445, 0.3017, 0.3290**, and **42.7731, 0.2704, 0.3377** is the 20% darker color. If you saturate the color by 10%, you get **76.4747, 0.2667, 0.3386**, and if you desaturate by 10%, it is **82.5680, 0.2911, 0.3329**.

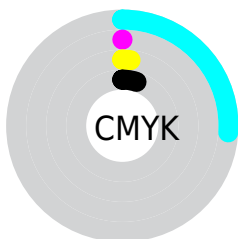
Distribution



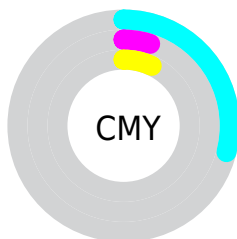
- Red (71%)
- Green (95%)
- Blue (93%)



- Red (71%)
- Yellow (84%)
- Blue (95%)



- Cyan (26%)
- Magenta (0%)
- Yellow (2%)
- Black (5%)




- Cyan (29%)
- Magenta (5%)
- Yellow (7%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 79.2637, 0.2783, 0.3356 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 79.2637, 0.2783, 0.3356 by changing the saturation by 10% instead.


 79.2637, 0.2783,
0.3356

 79.2637, 0.2783,
0.3356


492.4480, 0.2939,
0.3328

 59.1126, 0.2748,
0.3362


 132.3300, 0.2836,
0.3346

 42.7038, 0.2706,
0.3369

166.0141, 0.2857,
0.3343

 29.6528, 0.2652,
0.3378


204.9780, 0.2875,
0.3339

 19.5752, 0.2584,
0.3389

249.6060, 0.2891,
0.3336

 12.0866, 0.2492,
0.3403

300.2826, 0.2905,
0.3334

 6.8027, 0.2364,
0.3421

357.3923, 0.2918,

 3.3390, 0.2173,

0.3331

421.3192, 0.2929,
0.3329

0.3445

1.3112, 0.1839,
0.3482

0.1498, 0.0000,
0.2711

79.2637, 0.2783,
0.3356

79.2637, 0.2783,
0.3356

76.4747, 0.2667,
0.3386

82.5680, 0.2911,
0.3329

74.1649, 0.2565,
0.3417

86.4024, 0.3048,
0.3303


72.3090, 0.2481,
0.3449

90.7930, 0.3191,
0.3280

70.8750, 0.2415,
0.3482


91.3710, 0.3192,
0.3258


 69.8272, 0.2369,
0.3516


 91.5152, 0.3177,
0.3235


 69.1236, 0.2342,
0.3549

 91.6611, 0.3163,
0.3213

 68.7125, 0.2333,
0.3582

 91.8089, 0.3149,
0.3190

 68.5888, 0.2333,
0.3597

 91.9585, 0.3135,
0.3168

 91.9763, 0.3133,
0.3165

Harmonies

Analogous

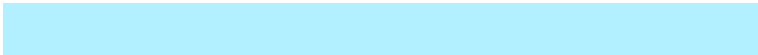
The Analogous color harmony consists of three colors that are next to each other on the color wheel.



79.2637, 0.2983, 0.3572



79.2637, 0.2783, 0.3356



79.2637, 0.2675, 0.3130

Triad

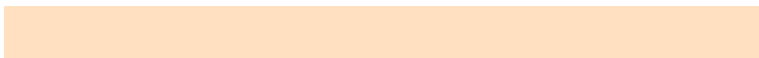
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



79.2637, 0.2783, 0.3356



79.2637, 0.3014, 0.2913



79.2637, 0.3589, 0.3603

Complementary

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



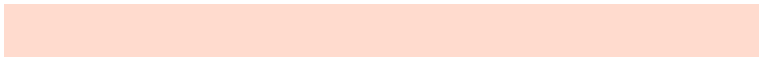
79.2637, 0.2783, 0.3356



55.1035, 0.3620, 0.3226

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.



79.2637, 0.3601, 0.3419



79.2637, 0.2783, 0.3356



79.2637, 0.3261, 0.3031

Square

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



79.2637, 0.2783, 0.3356



79.2637, 0.2804, 0.2886



79.2637, 0.3479, 0.3213



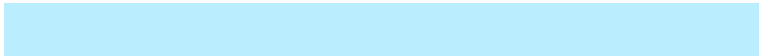
79.2637, 0.3450, 0.3712

Rectangle

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



79.2637, 0.2783, 0.3356



79.2637, 0.2667, 0.3008



79.2637, 0.3479, 0.3213



79.2637, 0.3609, 0.3548

Sweetspot

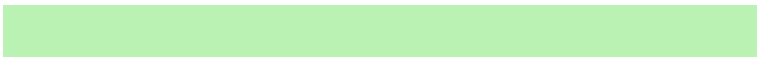
The Sweet Spot groups the original color and five complimentary colors.



79.2669, 0.2783, 0.3356



96.2077, 0.3014, 0.3309



77.2699, 0.3132, 0.4013



20.4494, 0.2993, 0.3313



0.0000, 0.0000, 0.0000



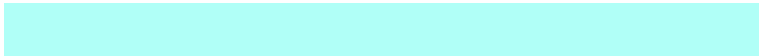
21.4041, 0.3127, 0.3290

Same Dimension

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



79.2669, 0.2783, 0.3356



87.4816, 0.2717, 0.3372



65.8684, 0.2726, 0.3005



17.9011, 0.2994, 0.3313



36.8624, 0.2331, 0.3591



3.0742, 0.2319, 0.3548

Inverse Universe

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



55.1035, 0.3620, 0.3226



55.7348, 0.3767, 0.3212



65.7651, 0.3606, 0.3558



15.7837, 0.3278, 0.3267



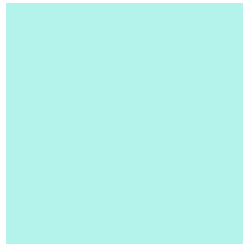
10.1839, 0.6289, 0.3238



0.8555, 0.6048, 0.3106

Previews

White Background



This preview shows how the Yxy color 79.2637, 0.2783, 0.3356 looks on a white background.

Color Contrast Check

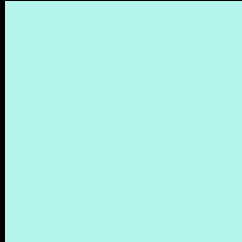
Large Text (above 18pt) WCAG AA × Fail

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 79.2637, 0.2783, 0.3356 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 79.2637, 0.2783, 0.3356

Background



This preview shows how black text looks on a background with the Yxy color 79.2637, 0.2783, 0.3356.

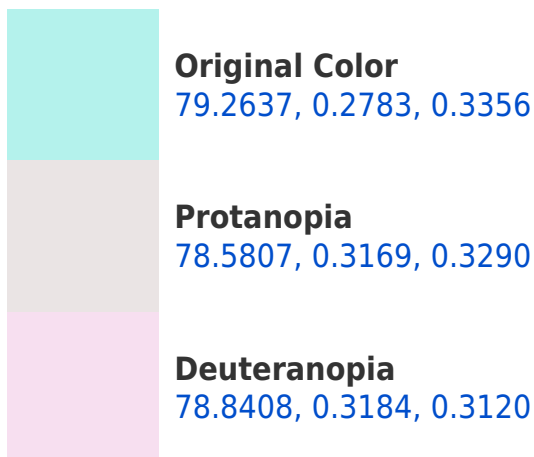


This preview shows how white text looks on a background with the Yxy color 79.2637, 0.2783, 0.3356.

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

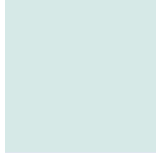
79.3162, 0.2735, 0.3105

Trichromacy



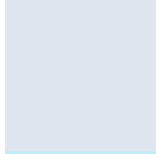
Original Color

79.2637, 0.2783, 0.3356



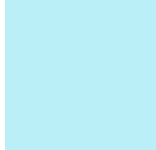
Protanomaly

78.3435, 0.3013, 0.3311



Deuteranomaly

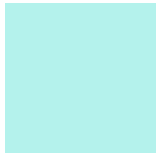
78.5136, 0.3024, 0.3195



Tritanomaly

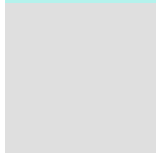
78.9494, 0.2750, 0.3190

Monochromacy



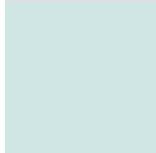
Original Color

79.2637, 0.2783, 0.3356



Achromatopsia

73.7910, 0.3127, 0.3290



Achromatomaly

75.4605, 0.2986, 0.3312

CSS Examples

Text

The CSS property to change the color of the text to Yxy 79.2637, 0.2783, 0.3356 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(180, 242, 236)` looks like.

```
.text, #text, p{  
    color:rgb(180, 242, 236)  
}
```

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(180, 242, 236) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 242, 236) }
```

Border

The CSS property to change the border of an element to Yxy 79.2637, 0.2783, 0.3356 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(180, 242, 236) }
```

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

```
.border{ border-color:rgb(180, 242, 236) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 242, 236)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 242, 236); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 242, 236);  
box-shadow:4px 4px 4px 4px rgb(180, 242,  
236) }
```


Background

The CSS property to change the background color of an element to Yxy 79.2637, 0.2783, 0.3356 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 242, 236) }
```

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

```
.background{ background-color: rgb(180,  
242, 236) }
```

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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