

Converting Colors

$Yxy(75.8727, 0.2878, 0.3463)$

Have a look what the booklet for
Yxy(75.8727, 0.2878, 0.3463)
contains.

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Color

Yxy(76.0326, 0.2878, 0.3460)

Conversions

Conversions Part 1

Format	Color
Hex	B8EDDE
RGB	184, 237, 222
RGB Percent	72%, 93%, 87%
CMY	0.2783, 0.0706, 0.1293
CMYK	0.22, 0.00, 0.06, 0.07
HSL	163°, 60%, 83%
HSV	163°, 22%, 93%
XYZ	63.2433, 76.0326, 80.4715
YIQ	219.4430, -26.7730, -15.9010

Conversions

Conversions Part 2

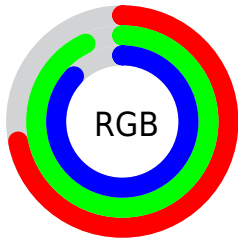
Format	Color
RYB	184, 215, 237
Decimal	12119518
CIELab	89.87, -19.84, 1.72
CIELCh	90, 19.919, 175.053
Yxy	76.0326, 0.2878, 0.3460
Android (android.graphics.Color)	4290309598 (0xFFB8EDDE)
YUV	219.4430, 1.2606, -31.0835
Hunter-Lab	87.1967, -23.1290, 6.3205

Details

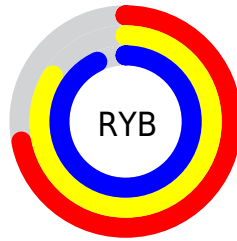
The Yxy color **76.0326, 0.2878, 0.3460** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **56.4179, 0.3457, 0.3127**, and the grayscale version is **71.1730, 0.3127, 0.3290**.

A 20% lighter version of the original color is **97.4408, 0.3041, 0.3290**, and **40.5836, 0.2820, 0.3500** is the 20% darker color. If you saturate the color by 10%, you get **72.9975, 0.2778, 0.3548**, and if you desaturate by 10%, it is **79.5786, 0.2986, 0.3379**.

Distribution



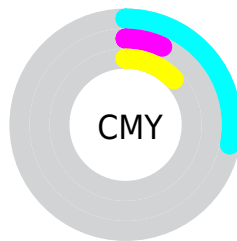
- Red (72%)
- Green (93%)
- Blue (87%)



- Red (72%)
- Yellow (84%)
- Blue (93%)



- Cyan (22%)
- Magenta (0%)
- Yellow (6%)
- Black (7%)




- Cyan (28%)
- Magenta (7%)
- Yellow (13%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 76.0326, 0.2878, 0.3460 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 76.0326, 0.2878, 0.3460 by changing the saturation by 10% instead.


 76.0326, 0.2878,
0.3460

 76.0326, 0.2878,
0.3460

481.4593, 0.2993,
0.3381

 56.4592, 0.2852,
0.3478


 127.7730, 0.2918,
0.3433

 40.5712, 0.2820,
0.3500


160.7088, 0.2933,
0.3422

 27.9842, 0.2779,
0.3528


198.8676, 0.2946,
0.3413

 18.3138, 0.2727,
0.3565

242.6337, 0.2958,
0.3405

 11.1755, 0.2655,
0.3615

292.3915, 0.2968,
0.3398

 6.1850, 0.2552,
0.3688

348.5254, 0.2977,

 2.9579, 0.2393,

0.3392

0.3802

411.4199, 0.2985,
0.3386

■ 1.1098, 0.2025,
0.4053

■ 0.0000, 0.0000,
0.0000

■ 76.0326, 0.2878,
0.3460

■ 76.0326, 0.2878,
0.3460

■ 72.9975, 0.2778,
0.3548

■ 79.5786, 0.2986,
0.3379

■ 70.4392, 0.2689,
0.3642

■ 83.6488, 0.3100,
0.3306

■ 68.3343, 0.2614,
0.3742

■ 88.2446, 0.3216,
0.3240

■ 66.6533, 0.2557,
0.3847

■ 88.6546, 0.3174,
0.3176

■ 65.3635, 0.2519,
0.3954

■ 89.0468, 0.3135,
0.3117

■ 64.4271, 0.2500,
0.4062

■ 63.7983, 0.2502,
0.4169

■ 63.4709, 0.2514,
0.4250

Harmonies

Analogous

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



76.0326, 0.3099, 0.3637



76.0326, 0.2878, 0.3460



76.0326, 0.2726, 0.3237

Triad

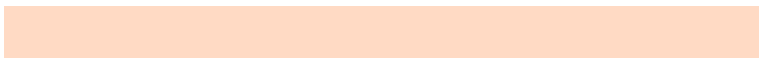
The Triadic color harmony groups three colors that are evenly spaced from another and form a triangle on the color wheel.



76.0326, 0.2878, 0.3460



76.0326, 0.2912, 0.2900



76.0326, 0.3597, 0.3514

Complementary

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



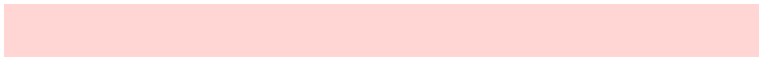
76.0326, 0.2878, 0.3460



56.4179, 0.3457, 0.3127

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.



76.0326, 0.3544, 0.3320



76.0326, 0.2878, 0.3460



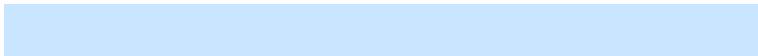
76.0326, 0.3141, 0.2974

Square

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



76.0326, 0.2878, 0.3460



76.0326, 0.2745, 0.2921



76.0326, 0.3375, 0.3125



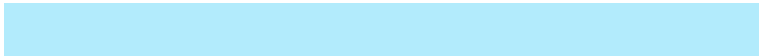
76.0326, 0.3518, 0.3660

Rectangle

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



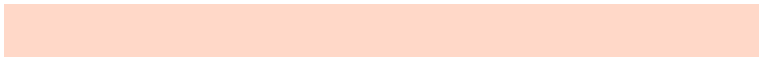
76.0326, 0.2878, 0.3460



76.0326, 0.2682, 0.3100



76.0326, 0.3375, 0.3125



76.0326, 0.3594, 0.3452

Sweetspot

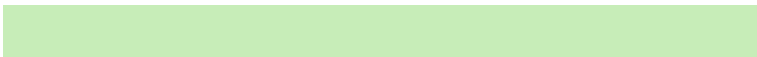
The Sweet Spot groups the original color and five complimentary colors.



76.0357, 0.2878, 0.3460



96.4498, 0.3046, 0.3339



76.1751, 0.3198, 0.3898



20.5819, 0.3039, 0.3344



0.0000, 0.0000, 0.0000



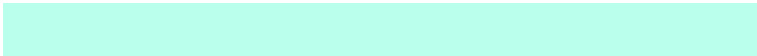
21.4041, 0.3127, 0.3290

Same Dimension

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



76.0357, 0.2878, 0.3460



88.0079, 0.2829, 0.3501



70.4394, 0.2786, 0.3159



17.0451, 0.3019, 0.3357



34.6772, 0.2509, 0.4233



2.7393, 0.2468, 0.4085

Inverse Universe

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



56.4179, 0.3457, 0.3127



60.8778, 0.3549, 0.3090



60.7210, 0.3557, 0.3418



15.1240, 0.3248, 0.3224



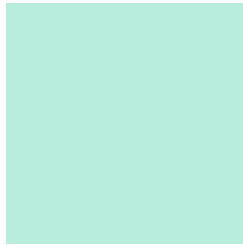
10.0701, 0.5820, 0.2980



0.8067, 0.5426, 0.2763

Previews

White Background



This preview shows how the Yxy color 76.0326, 0.2878, 0.3460 looks on a white background.

Color Contrast Check

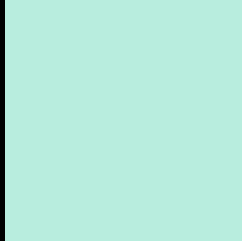
Large Text (above 18pt) WCAG AA × Fail

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 76.0326, 0.2878, 0.3460 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

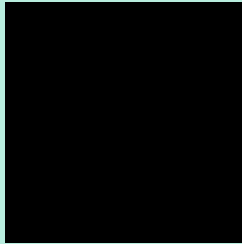
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

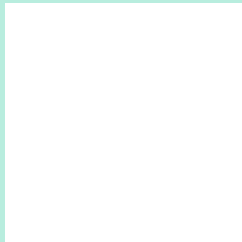
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 76.0326, 0.2878, 0.3460

Background



This preview shows how black text looks on a background with the Yxy color 76.0326, 0.2878, 0.3460.

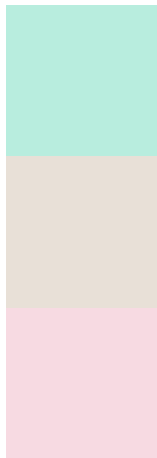


This preview shows how white text looks on a background with the Yxy color 76.0326, 0.2878, 0.3460.

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

76.0326, 0.2878, 0.3460

Protanopia

75.3734, 0.3243, 0.3386

Deuteranopia

75.4080, 0.3283, 0.3209



Tritanopia

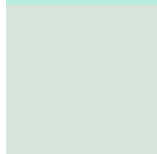
76.1900, 0.2751, 0.3092

Trichromacy



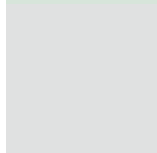
Original Color

76.0326, 0.2878, 0.3460



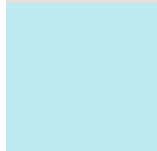
Protanomaly

75.5477, 0.3101, 0.3410



Deuteranomaly

75.1340, 0.3120, 0.3290



Tritanomaly

75.8283, 0.2800, 0.3222

Monochromacy



Original Color

76.0326, 0.2878, 0.3460



Achromatopsia

70.8376, 0.3127, 0.3290



Achromatomaly

72.6818, 0.3028, 0.3357

CSS Examples

Text

The CSS property to change the color of the text to Yxy 76.0326, 0.2878, 0.3460 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(184, 237, 222)` looks like.

```
.text, #text, p{  
    color:rgb(184, 237, 222)  
}
```

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(184, 237, 222) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(184, 237, 222) }
```

Border

The CSS property to change the border of an element to Yxy 76.0326, 0.2878, 0.3460 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(184, 237, 222) }
```

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

```
.border{ border-color:rgb(184, 237, 222) }
```

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

Here you see how a box with a 4 pixel `rgb(184, 237, 222)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(184, 237, 222); -webkit-box-  
shadow:4px 4px 4px 4px rgb(184, 237, 222);  
box-shadow:4px 4px 4px 4px rgb(184, 237,  
222) }
```


Background

The CSS property to change the background color of an element to Yxy 76.0326, 0.2878, 0.3460 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(184, 237, 222) }
```

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

```
.background{ background-color: rgb(184,  
237, 222) }
```

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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