

Converting Colors

$Yxy(75.4678, 0.2868, 0.3487)$

Have a look what the booklet for
Yxy(75.4678, 0.2868, 0.3487)
contains.

Yxy(75.4390, 0.2865, 0.3485)	3
Conversions	4
Details	6
Harmonies	12
Previews	24
Color Blindness Simulation	27
CSS Examples	30

Color

Yxy(75.4390, 0.2865, 0.3485)

Conversions

Conversions Part 1

Format	Color
Hex	B4EDDC
RGB	180, 237, 220
RGB Percent	71%, 93%, 86%
CMY	0.2943, 0.0705, 0.1372
CMYK	0.24, 0.00, 0.07, 0.07
HSL	162°, 61%, 82%
HSV	162°, 24%, 93%
XYZ	62.0180, 75.4390, 79.0107
YIQ	218.0190, -28.5150, -17.3710

Conversions

Conversions Part 2

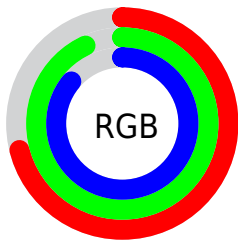
Format	Color
R _{YB}	180, 213, 237
Decimal	11857372
CIE Lab	89.60, -21.49, 2.34
CIE LCh	90, 21.618, 173.780
Yxy	75.4390, 0.2865, 0.3485
Android (android.graphics.Color)	4290047452 (0xFFB4EDDC)
YUV	218.0190, 0.9766, -33.3427
Hunter-Lab	86.8556, -24.5420, 6.8641

Details

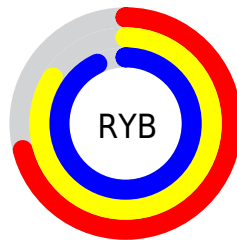
The Yxy color **75.4390, 0.2865, 0.3485** is a light color, and the websafe version is hex **CCFFFF**. A complement of this color would be **54.6605, 0.3482, 0.3104**, and the grayscale version is **70.1291, 0.3127, 0.3290**.

A 20% lighter version of the original color is **96.7445, 0.3017, 0.3290**, and **40.2000, 0.2805, 0.3533** is the 20% darker color. If you saturate the color by 10%, you get **72.4711, 0.2768, 0.3579**, and if you desaturate by 10%, it is **78.9153, 0.2970, 0.3398**.

Distribution



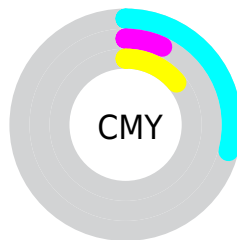
- Red (71%)
- Green (93%)
- Blue (86%)



- Red (71%)
- Yellow (84%)
- Blue (93%)



- Cyan (24%)
- Magenta (0%)
- Yellow (7%)
- Black (7%)





- Cyan (29%)
- Magenta (7%)
- Yellow (14%)

Brightness & Saturation Gradients


These gradients show how the Yxy color 75.4390, 0.2865, 0.3485 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 75.4390, 0.2865, 0.3485 by changing the saturation by 10% instead.


 75.4390, 0.2865,
0.3485

 75.4390, 0.2865,
0.3485

479.4251, 0.2986,
0.3395

 55.9726, 0.2837,
0.3506


 126.9336, 0.2907,
0.3454

 40.1810, 0.2804,
0.3531


159.7306, 0.2923,
0.3441

 27.6797, 0.2761,
0.3564


197.7399, 0.2937,
0.3431

 18.0843, 0.2705,
0.3607

241.3459, 0.2949,
0.3422

 11.0105, 0.2628,
0.3666

290.9331, 0.2960,
0.3414

 6.0739, 0.2519,
0.3751

346.8857, 0.2970,

 2.8901, 0.2349,

0.3407

0.3886

409.5883, 0.2978,
0.3400

■ 1.0746, 0.1901,
0.4209

■ 0.0000, 0.0000,
0.0000

■ 75.4390, 0.2865,
0.3485

■ 75.4390, 0.2865,
0.3485

■ 72.4711, 0.2768,
0.3579

■ 78.9153, 0.2970,
0.3398

■ 69.9772, 0.2683,
0.3680

■ 82.9137, 0.3081,
0.3320

■ 67.9335, 0.2613,
0.3787

■ 87.4592, 0.3195,
0.3249

■ 66.3099, 0.2560,
0.3899

■ 88.6296, 0.3177,
0.3181

■ 65.0729, 0.2526,
0.4012

■ 89.0561, 0.3135,
0.3117

■ 64.1835, 0.2513,
0.4127

■ 63.5942, 0.2519,
0.4240

■ 63.3439, 0.2530,
0.4307

Harmonies

Analogous

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



75.4390, 0.3107, 0.3676



75.4390, 0.2865, 0.3485



75.4390, 0.2697, 0.3242

Triad

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



75.4390, 0.2865, 0.3485



75.4390, 0.2883, 0.2865



75.4390, 0.3639, 0.3524

Complementary

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



75.4390, 0.2865, 0.3485



54.6605, 0.3482, 0.3104

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.



75.4390, 0.3576, 0.3312



75.4390, 0.2865, 0.3485



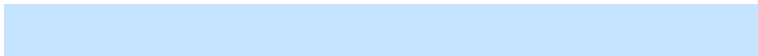
75.4390, 0.3131, 0.2943

Square

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



75.4390, 0.2865, 0.3485



75.4390, 0.2707, 0.2892



75.4390, 0.3387, 0.3103



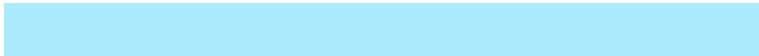
75.4390, 0.3559, 0.3687

Rectangle

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



75.4390, 0.2865, 0.3485



75.4390, 0.2645, 0.3090



75.4390, 0.3387, 0.3103



75.4390, 0.3634, 0.3456

Sweetspot

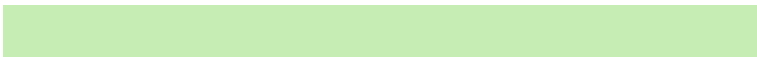
The Sweet Spot groups the original color and five complimentary colors.



75.4421, 0.2865, 0.3485



96.4325, 0.3048, 0.3342



75.7498, 0.3209, 0.3948



20.5779, 0.3041, 0.3347



0.0000, 0.0000, 0.0000



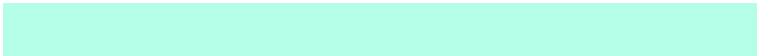
21.4041, 0.3127, 0.3290

Same Dimension

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



75.4421, 0.2865, 0.3485



87.2311, 0.2815, 0.3532



69.9896, 0.2761, 0.3158



17.0410, 0.3021, 0.3361



34.6032, 0.2525, 0.4288



2.7340, 0.2481, 0.4132

Inverse Universe

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



54.6605, 0.3482, 0.3104



58.6438, 0.3581, 0.3063



58.7222, 0.3601, 0.3418



15.1279, 0.3246, 0.3220



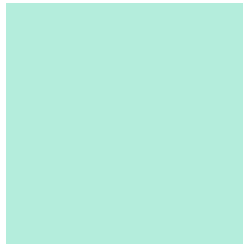
10.0956, 0.5766, 0.2950



0.8092, 0.5372, 0.2733

Previews

White Background



This preview shows how the Yxy color 75.4390, 0.2865, 0.3485 looks on a white background.

Color Contrast Check

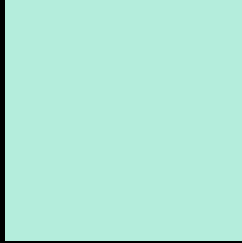
Large Text (above 18pt) WCAG AA × Fail

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 75.4390, 0.2865, 0.3485 looks on a black background.

Color Contrast Check

Large Text (above 18pt) WCAG AA ✓ Pass

Any Text WCAG AA ✓ Pass

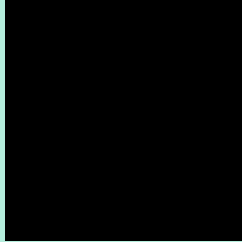
Large Text (above 18pt) WCAG AAA ✓ Pass

Any Text WCAG AAA ✓ Pass

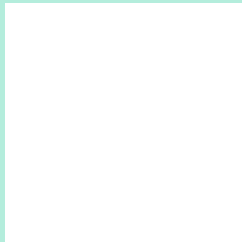
If you want to check with other color combinations, try the [Color Contrast Checker](#).

Yxy 75.4390, 0.2865, 0.3485

Background



This preview shows how black text looks on a background with the Yxy color 75.4390, 0.2865, 0.3485.

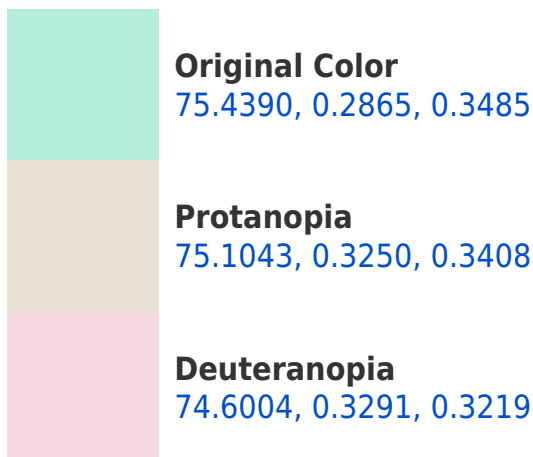


This preview shows how white text looks on a background with the Yxy color 75.4390, 0.2865, 0.3485.

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

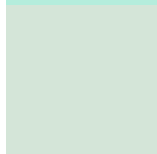
75.1174, 0.2727, 0.3080

Trichromacy



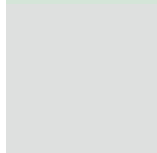
Original Color

75.4390, 0.2865, 0.3485



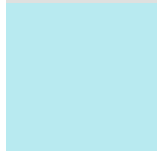
Protanomaly

74.9935, 0.3093, 0.3433



Deuteranomaly

74.1686, 0.3120, 0.3301



Tritanomaly

75.3273, 0.2777, 0.3222

Monochromacy



Original Color

75.4390, 0.2865, 0.3485



Achromatopsia

70.1102, 0.3127, 0.3290



Achromatomaly

71.8023, 0.3021, 0.3357

CSS Examples

Text

The CSS property to change the color of the text to Yxy 75.4390, 0.2865, 0.3485 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, 237, 220)` looks like.

```
.text, #text, p{  
    color:rgb(180, 237, 220)  
}
```

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, 237, 220) colored shadow looks like.

```
.shadow{ text-shadow: 4px 4px 2px rgb(180, 237, 220) }
```

Border

The CSS property to change the border of an element to Yxy 75.4390, 0.2865, 0.3485 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, 237, 220) }
```

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

```
.border{ border-color:rgb(180, 237, 220) }
```

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

Here you see how a box with a 4 pixel `rgb(180, 237, 220)` colored shadow looks like.

```
.boxshadow{ -moz-box-shadow:4px 4px 4px  
4px rgb(180, 237, 220); -webkit-box-  
shadow:4px 4px 4px 4px rgb(180, 237, 220);  
box-shadow:4px 4px 4px 4px rgb(180, 237,  
220) }
```


Background

The CSS property to change the background color of an element to Yxy 75.4390, 0.2865, 0.3485 is called "background". The background property can be set on classes, ids or directly on the HTML element.

```
.background, #background, body{  
background: rgb(180, 237, 220) }
```

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

```
.background{ background-color: rgb(180,  
237, 220) }
```

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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